

### SYSTEM 5

Models:

Model 1 Model 2

### **PREFACE**

This document is the Product Maintenance Manual (PMM) for the Wang System 5 Word Processing Unit, Models 1 and 2. The purpose of this PMM is to provide the Wang-trained Customer Engineer (CE) with instructions to check, adjust, troubleshoot, and repair the Wang System 5.

### Fourth Edition (October 1984)

This reprint of Document 729-0649-B is identified by a new converted document number (741-0649) which also incorporates Publication Update Bulletin (PUB) 729-0649-B1 to add an Illustrated Parts Breakdown (IPB) and Parts List as Appendix F.

The material in this document may only be used for the purpose stated in the Preface. Updates and/or changes to this document will be published as PUB's or subsequent editions.

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This PUB adds an Illustrated Parts Breakdown (IPB) of the Master Unit (Part Number 177-9232), and re-defines Addendum One as Appendix E.

### INSTRUCTIONS:

Remove pages and insert attached pages as follows:

ı	REMOVE	I <u>INSERT</u>
1.   2.   3.   4.	Page iv Addendum One Cover Page Nothing	Page iv   Appendix E Cover Page   Pages F-13 thru F-19

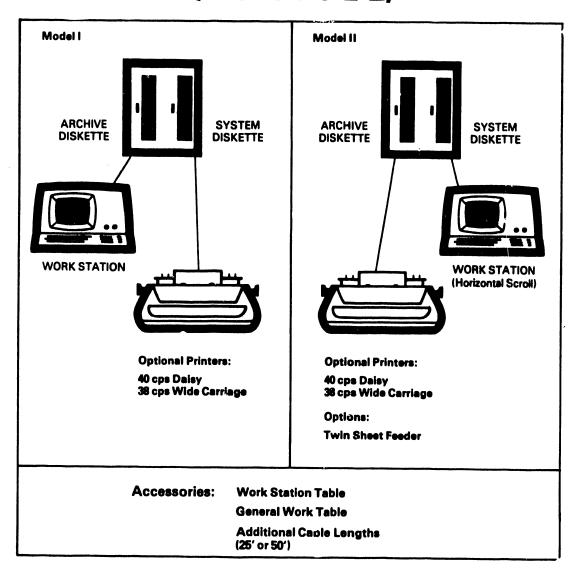
This page constitutes a permanent record of revisions; place it directly following title page.



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### CUSTOMER ENGINEERING DIVISION SYSTEM 5 (Models 1 & 2)



### PRELIMINARY MAINTENANCE MANUAL

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# CHAPTER I INTRODUCTION

### CHAPTER I

### 1-1 SCOPE

This manual deals with the installation and field repair of the System 5 Word Processing units (Models I & II). In addition, the general theory section provides a more comprehensive description of system operation.

### 1-2 PURPOSE/USE

The purpose of this manual is to provide the field level technician and engineers with a compact "quick and ready" reference of the System 5 elements. Through the use of this manual, field personnel shall be able to install and service the System 5 package.

### 1-3 EFFECTIVITY

The effectivity of this manual in relation to System 5 units in the field is - "ALL".

### 1-4 IMPORTANT MANUAL FACTS

### A. METHOD OF PRESENTATION

This maintenance manual is presented with Chapters 2 and 7 being the primary informative areas. Chapter 2 because of the complete illustrative presentation and Chapter 7 because of the Theory description. Where practical, other publications have been directly referenced because it would be too costly and cumbersome to incorporate that information into this manual.

### **B.** "BARRED" FUNCTION VERSUS "ASTERISK"

When reading the theory section, remember that the "Barred" signal which is LOW is represented in this manual by an Asterisk in the text of this manual. Therefore, XXXX\* or \*XXXX designates signal XXXX as LOW.

### C. SCHEMATICS

The latest schematic as of this manual issue date including PCB layout location, have been compiled in Appendix R.

### **D. BLOCK DIAGRAMS**

The only block diagrams (Figures 1-3 through 1-8) have been inserted into Chapter I.

### 1-5 SYSTEM SPECIFICATIONS

### **A. WORKSTATION**

Height	13	1/2	in.	(34.3	cm)
Dept	20	1/2	in.	(52 cm	1)
Width	19	3/4	in.	(50.2	cm)
Approximately Net Weight					
54 1b (24.5kg)					
Display Size					
12 in. diagonal (30.4 cm)					
Character Size					
Height	16	in.	(0.4	1 cm)	
Width	09	in.	(0.2	23 cm)	
Capacity					
24 lines, 80 character/line					
Controls					
Contrast					
Brightness					

### Keyboard

Standard Typewriter Keys

4 Cursor Control Keys

15 special Operational Keys

Repeat Keys: space, backspace, hyphen, underscore, period, and cursor keys

### Fuses

2A @ 115 VAC

1A @ 230 VAC

150 Watts

### **B. DUAL DISKETTE DRIVE**

Height ...... 13 1/4 in. (33.7 cm)

Depth ..... 22 in. (55.9 cm)

Width ..... 16 1/2 in. (42 cm)

### Approximately Net Weight

72.5 lb (32.9kg)

System Diskette Capacity

200,000 characters

Archive Diskette Capacity

300,000 character

### **Fuses**

3A @ 115 VAC

1.5A @ 230 VAC

250 Watta

### Power Requirements

115 or 230 VAC + 10%

50 or 60 Hz + 1 cycle

### Operating Environment

50°F & 90°F (10°C to 32°C)

20% to 80% relative humidity, noncondensing

### Recommended Relative Humidity

35% to 65%, noncondensing

### Cabling

25ft (7.6cm) - diskette drive to work station

25ft (7.6cm) - diskette drive to printer

### C. PRINTER

PHYSICAL DIMENSIONS: Height: 14 in. (35.6 cm)

Depth: 22 in. (55.9 cm)
Width: 24 in. (61.0 cm)

Weight: 85 lb. (38.5 kg)

CARRIAGE RETURN:

300 msec maximum

LINE LENGTH/PITCH:

132 characters 10 pitch

157 characters 12 pitch

PAPER WIDTH:

16.5 in. (38.1 cm)

POWER CONSUMPTION:

Idle 150 watts

510 BTU/hr.

Printing

200 watts

680 BTU/hr.

CR & Tab

250 watts

750 BTU/hr.

PRINT RATE: 40 characters per second average (bidirectional)

PRINT LINE: 13.1 in. (33.3 cm)

CHARACTER SET:

Full ACII, 96 characters upper or lower

case, and special characters.

PAPER FEED: Vertically; either direction with Friction Feed.

PAPER THICKNESS:

0.027 inches 0.069 cm maximum

(original plus 5 copies)

PAPER FEED SPEED: 4 inches/second plus 50 msec typical setting.

TABULATION: Right or left

POWER REQUIREMENTS: 115 VAC  $\pm$  10%, 60 Hz  $\pm$  1 Hz

220/240 VAC  $\pm$  10%, 50 Hz  $\pm$  1 Hz

FUSE SIZE:

2.5A Slo Blo for 115 VAC units 1.5A Slo Blo for 230 VAC units 10.0A Slo Blo for Servo Board

AMBIENT OPERATING TEMPERATURE: (45 to 95) OF, (7 to 35) OC @ 10% to 80% Relative Humidity, non-condensing

AMBIENT STORAGE TEMPERATURE: (-20 to 135)°F, (-29 to 57) °C @ 7% to 90% relative humidity.

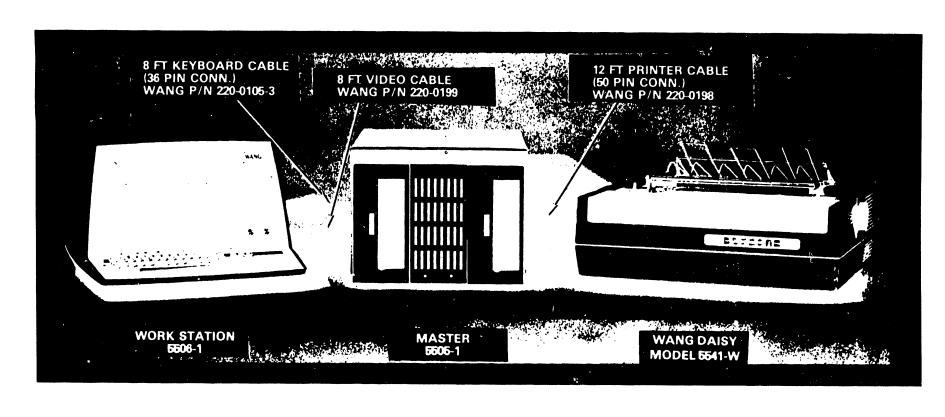


FIGURE 1-1 SYSTEM 5 PHYSICAL CONFIGURATION — (Front View)

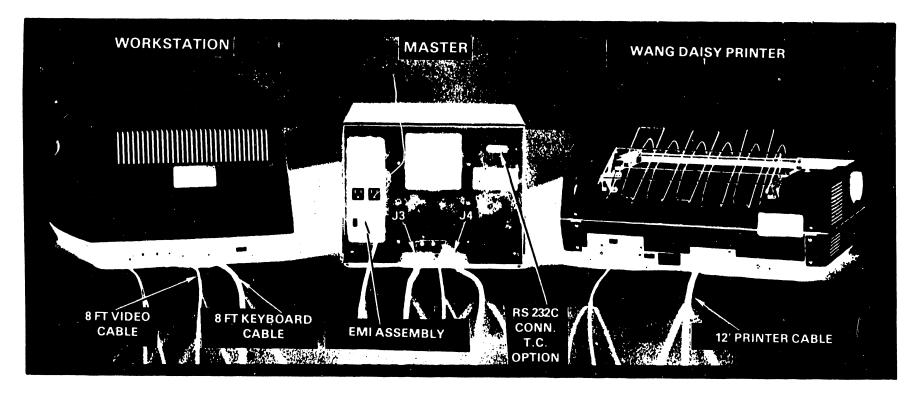


FIGURE 1-2 SYSTEM 5 PHYSICAL CONFIGURATION — (Rear View)

### 1-6 OPERATIONAL DESCRIPTION

The major concept of the SYSTEM (Figure 1-3) is that of a single Z80 CPU in communication with and control of the other elements of the system. The CPU inputs and outputs instructions, commands and status via the system data bus. It is also made aware of completed tasks and needed service through the interrupt structure. In this way, we have an extremely flexible hardware configuration of great simplicity that may be formed to many purposes by software.

The main memory (Figure 1-4) consists of 44K of RAM and 4K of PROM located on a single card. There is a parity generator/checker that indicates invalid parity by placing lines on the CRT screen via a hardware circuit.

The disk/DMA logic circuit (Figure 1-5) controls data transfers to and from the floppy disk drives. Once the CPU has set this circuit up for a transfer the data is passed to or from main memory under hardware control. At the end of the 256 byte transfer the CPU is informed via an interrupt. Data is always transfered one sector at a time and always to or from main memory.

The Counter-Timer (Figure 1-6) is a software controlled method of counting events or creating time intervals. There are four of these in the SYSTEM 5, residing on the CTC chip, and they are used to time keystrokes, count secotors from the disk and other general timing applications. The CPU sets up the counter and is notified at the end of th period via an interrupt.

CRT Memory (Figure 1-7) is identical to Main Memory except that it is mapped to be addressed in rows and colums. There are 24 horizontal rows and 160 vertical columns, 80 of which may be displayed at one time. Each screen location is effected by two memory locations. There is a character memory located from E000 through F79F and a control memory located from C000 through D79F. The character memory will contain the ASCII code for the desired character and the control memory will contain bits to determine cursor and intensity for the character.

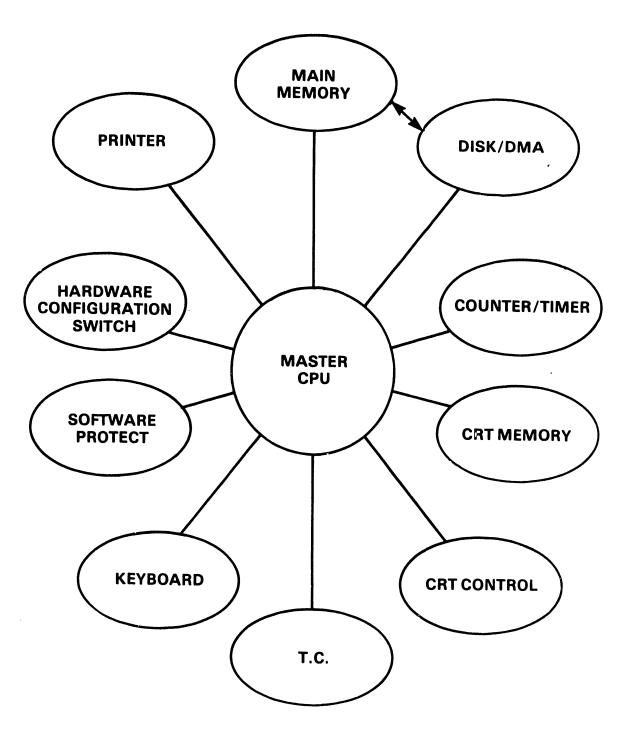


FIGURE 1-3 SYSTEM 5 OPERATIONAL CONFIGURATION

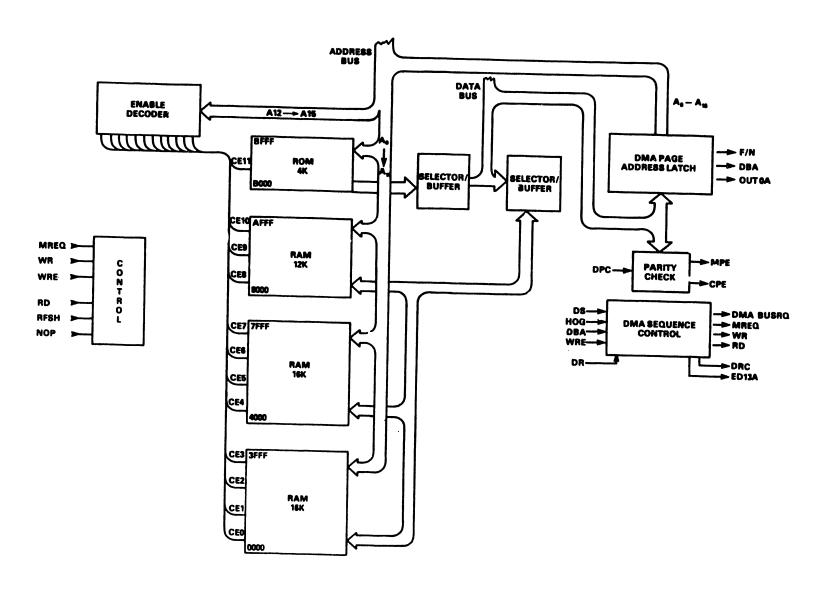


FIGURE 1-4 MAIN MEMORY (BLOCK DIAGRAM)

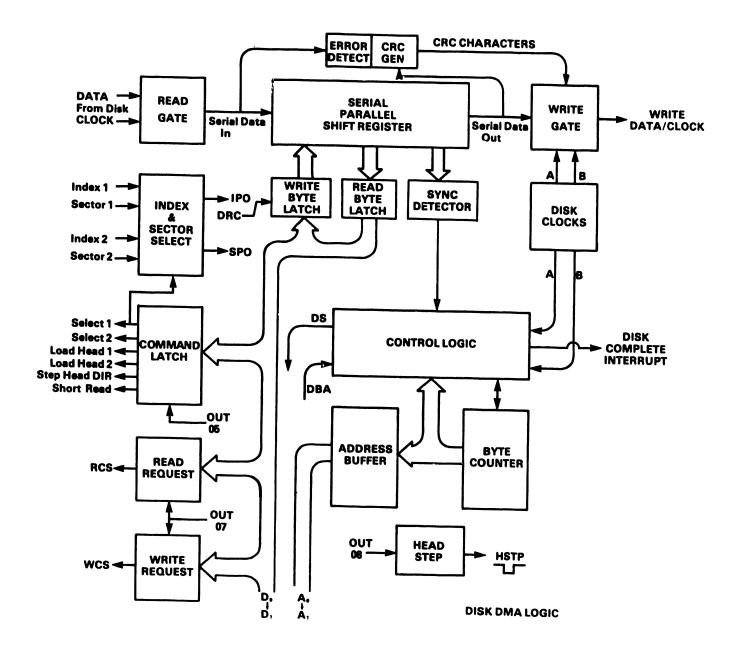


FIGURE 1-5 DISK/DMA LOGIC (BLOCK DIAGRAM)

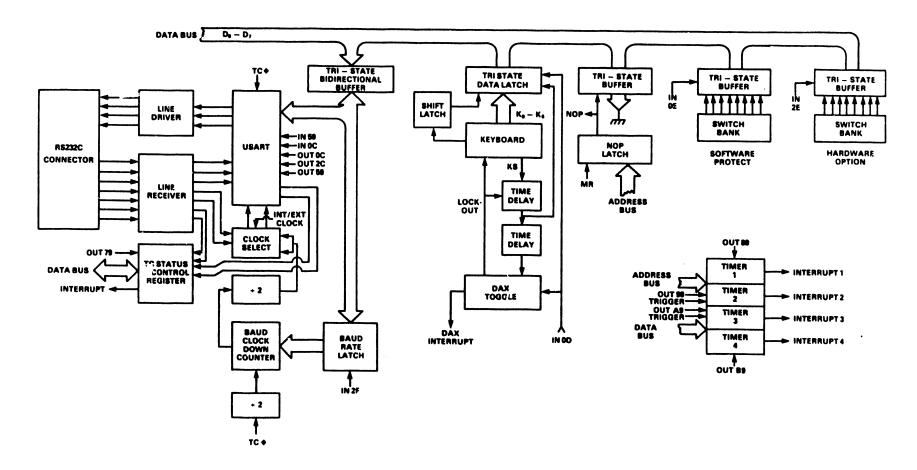


FIGURE 1-6 TIMING/CTC/INTERRUPT (BLOCK DIAGRAM)

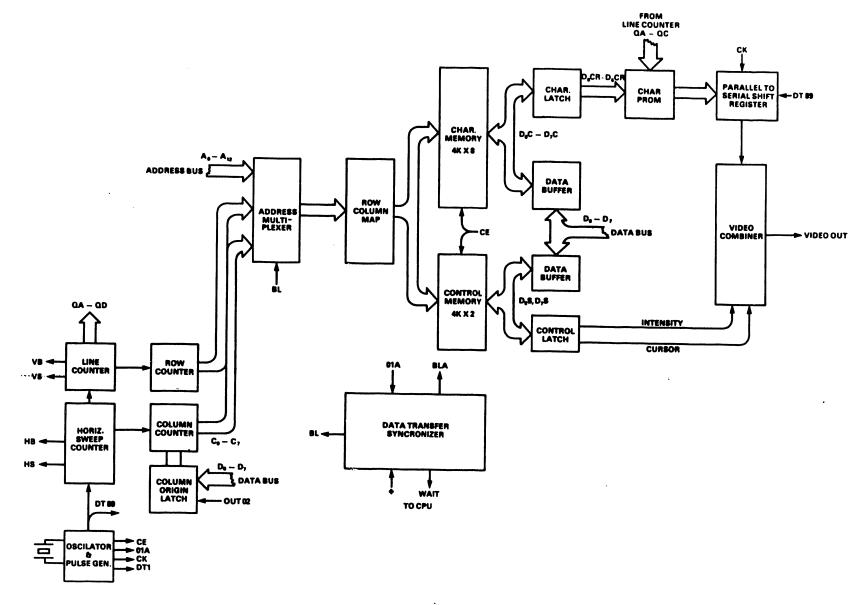


FIGURE 1-7 CRT LOGIC (BLOCK DIAGRAM)

CRT control allows the CPU to set the beginning of the 80 column display within the 160 column field.

Telecommunications is an option with the SYSTEM 5 which may not be loaded on all machines. It provides an interface with standard MODEMS and allows the CPU to transfer data and set operating mode and baud rate. With incoming data the CPU is notified with an interrupt.

The keyboard is the main operator interface. The CPU may accept a coded keystoke when notified that one is pending via an interrupt and acknowledges its receipt with a key click or keyboard alarm beep.

The software protect switch allows the CPU to check the hardware and determine whether the software being loaded is compatible or not. This will prevent damage to system software.

The hardware switch is read by the CPU to determine which options are being used by the particular configuration. This allows certain neccessary set-up procedure to be accomplished.

The printer may be any of a number of types. The CPU controls the printer functions and transmits data to be printed and checks printer status.

Each of these elements is in communication with the Z80 CPU and controlled by its software. Each is serviced in its time through a priority system. The circuitry of each element will be discussed in detail in a later chapter.

### 1-7 MAJOR DIFFERENCES FROM THE BASIC 928 WORD PROCESSING SYSTEM

From an operators point of view there are no major differences between the SYSTEM 5 and the rest of the WANG Word Processing line. The keyboard functions remain the same and the only limitation is the availability of a single printer. From a hardware standpoint the absence of any data-link circuitry makes the system less elaborate and

therefore less costly. Since one CPU is now executing the code once processed by three there is a reduction in the speed of some simultaneous operations. For example in lieu of the data link a direct printer interface is used (Figure 1-8).

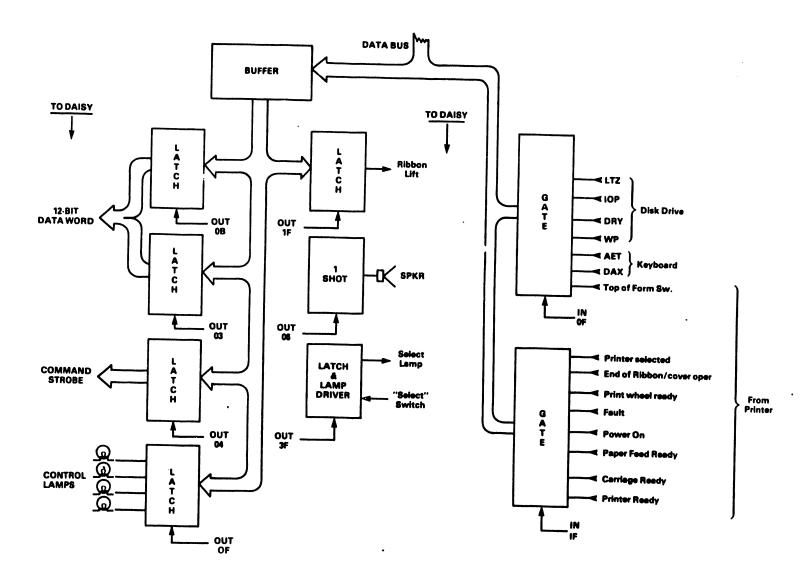


FIGURE 1-8 PRINTER INTERFACE (BLOCK DIAGRAM)

## CHAPTER HARDWARE LOCATIONS

### CHAPTER II HARDWARE LOCATIONS

This chapter contains illustrations of the system's major hardware units supported by exposed views with call-outs locating some of the most pertinent elements.

These illustrations accompanied by those of Chapter I also show the intercabling configuration.

The intent of this illustrative chapter is to provide field personnel with visual support for maintenance planning and performance.

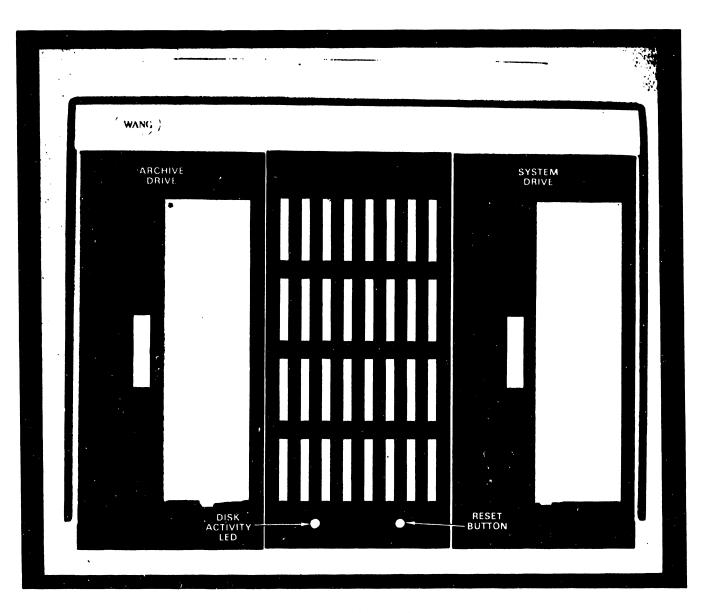


FIGURE 2-1 MASTER (5505-1) - FRONT VIEW

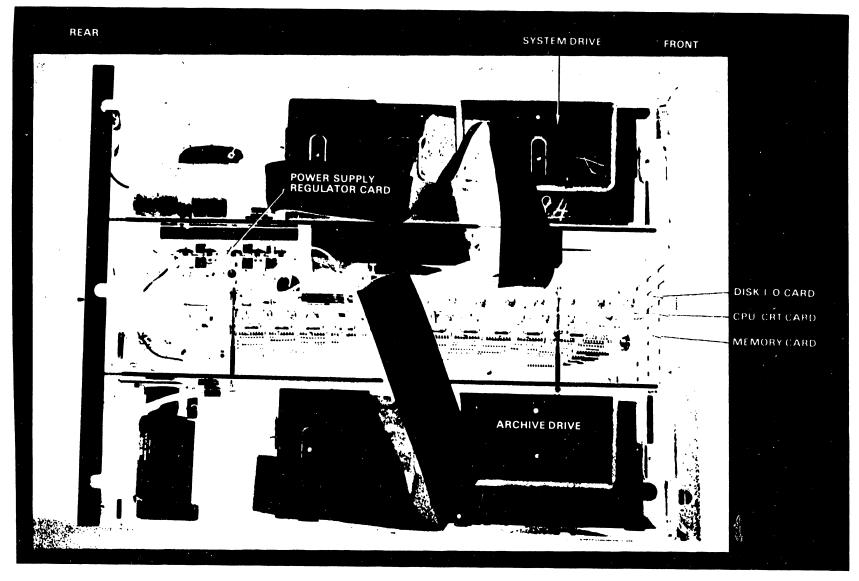


FIGURE 2-2 MASTER (5506-1) — COVER REMOVED, TOP VIEW, PCB CARD INSTALLED

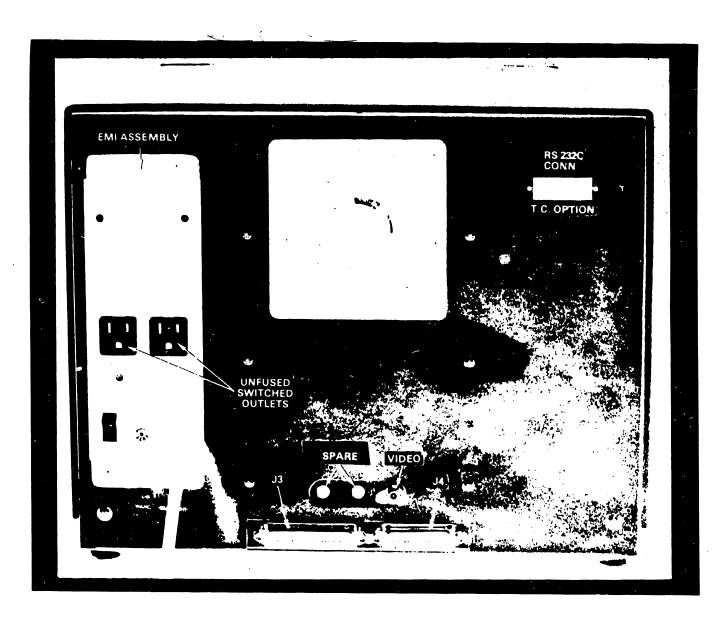


FIGURE 2-3 MASTER (5505-1) — REAR VIEW

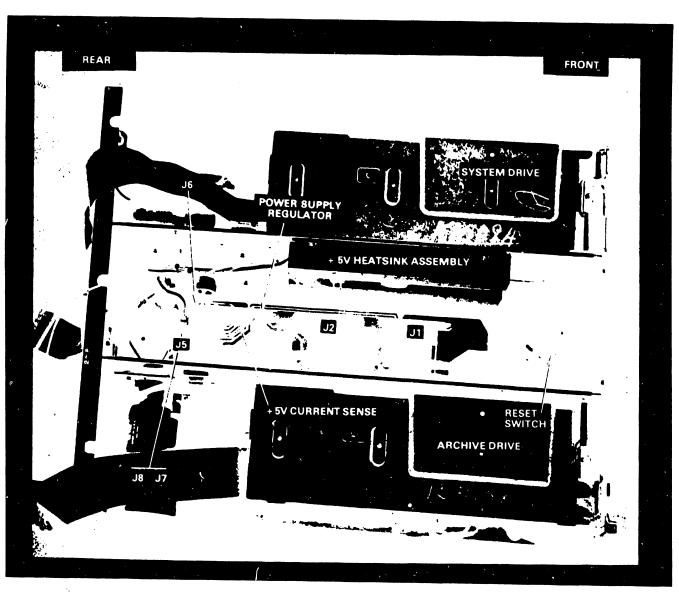


FIGURE 2-4 MASTER (5505-1) — COVER REMOVED, TOP VIEW, PCB CARDS REMOVED

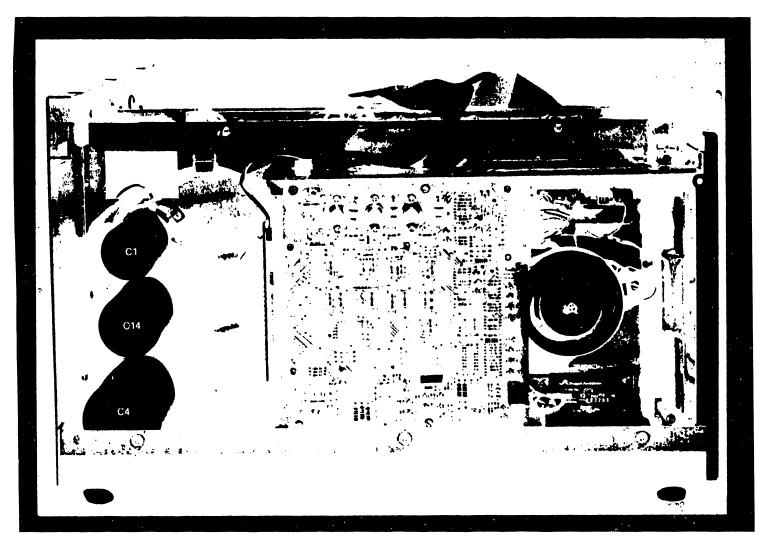


FIGURE 2-5 MASTER (5606-1) — COVER REMOVED, LEFT SIDE VIEW

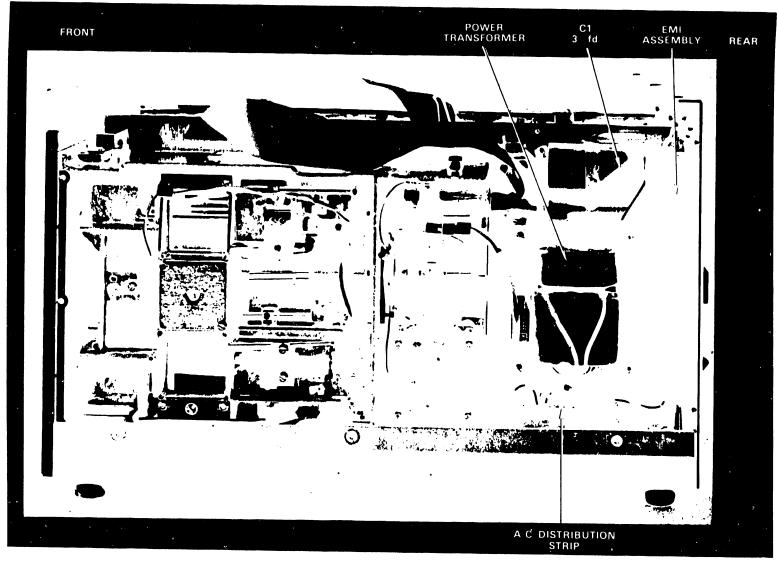


FIGURE 2-6 MASTER (5505-1) — COVER REMOVED, RIGHT SIDE VIEW

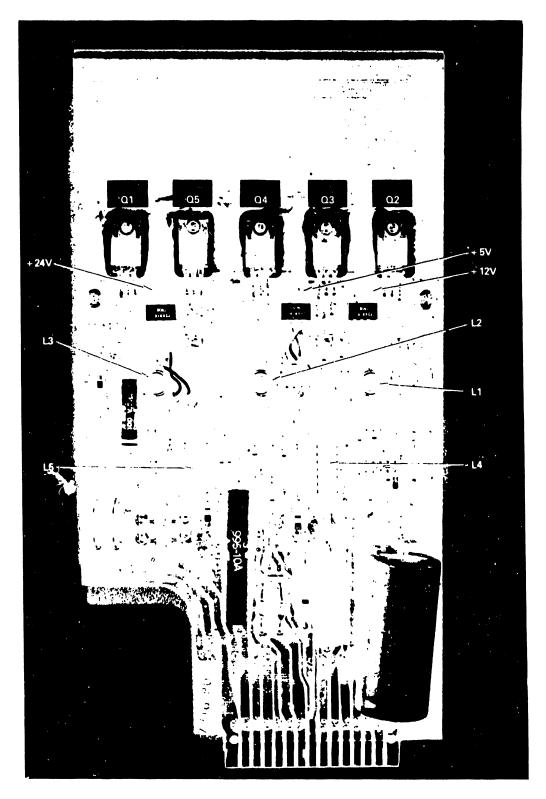


FIGURE 2-7 MASTER (5505-1) — POWER REGULATOR PCB

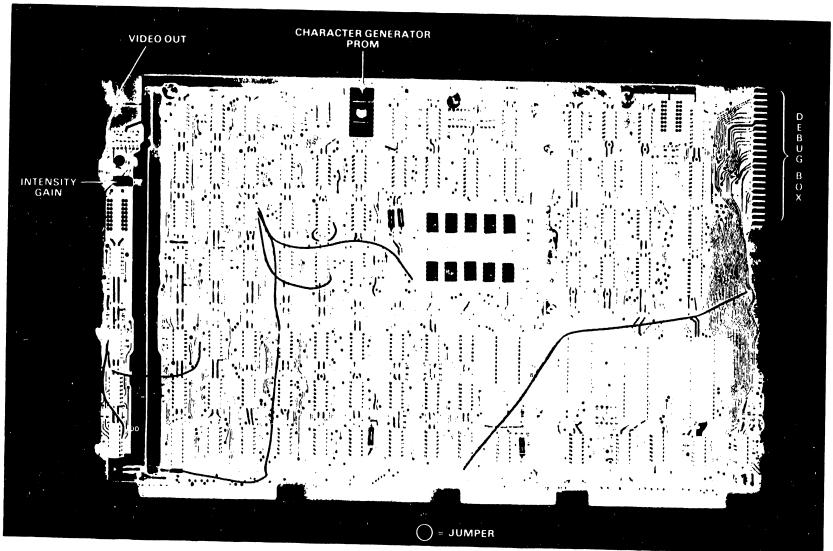


FIGURE 2-8 MASTER (5505-1) — CPU/CRT PCB

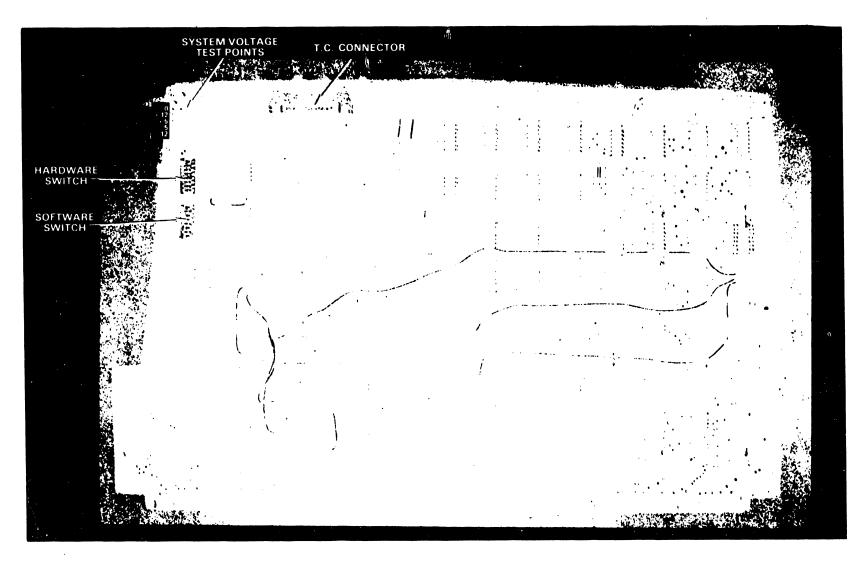


FIGURE 2-9 MASTER (5505-1) — DISK, I/O PCB (T.C. NOT LOADED)

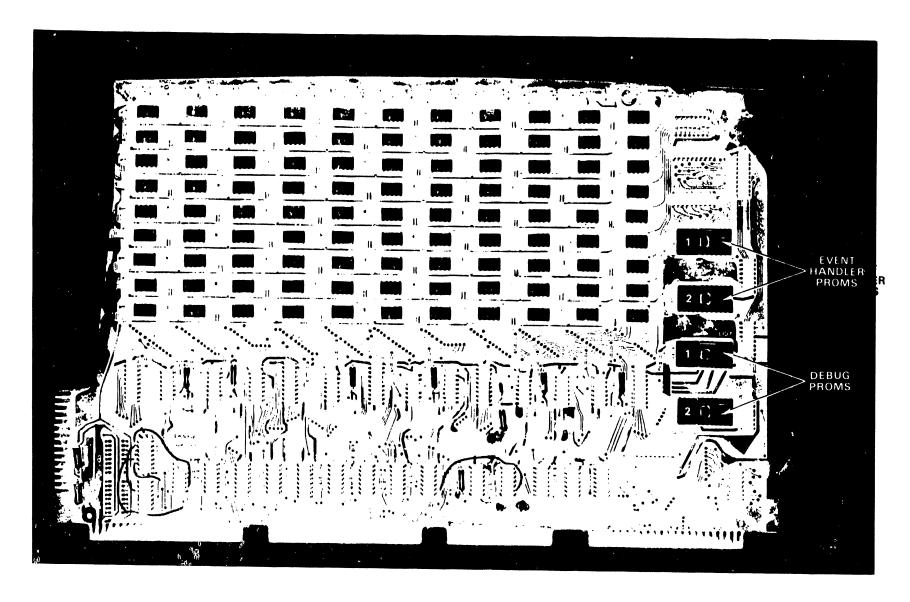


FIGURE 2-10 MASTER (5505-1) — MEMORY PCB

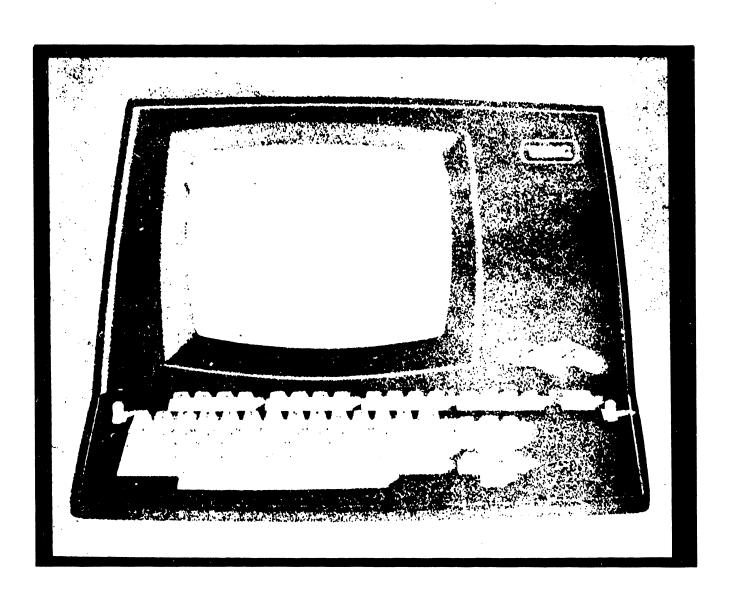


FIGURE 2-11 WORK STATION (5506-1) - FRONT VIEW

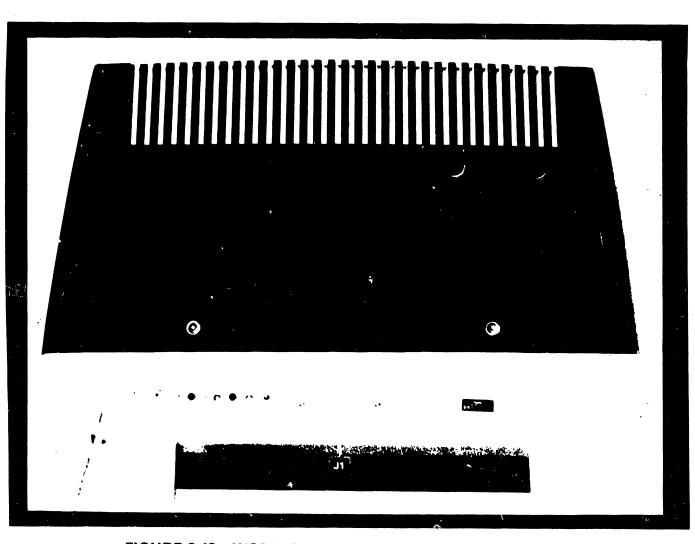
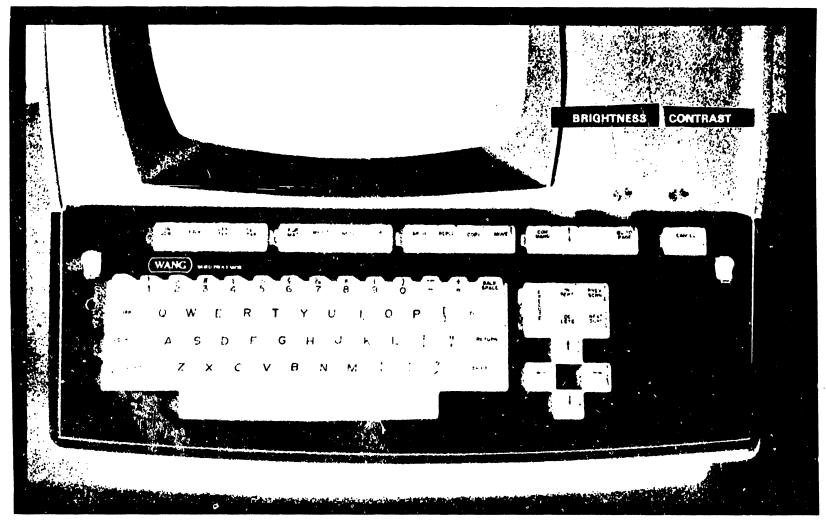


FIGURE 2-12 WORK STATION (5506-1) - REAR VIEW



STANDARD WORD PROCESSING KEYBOARD

FIGURE 2-13 WORK STATION (5506-1) — KEYBOARD AND FRONT PANEL CONTROLS

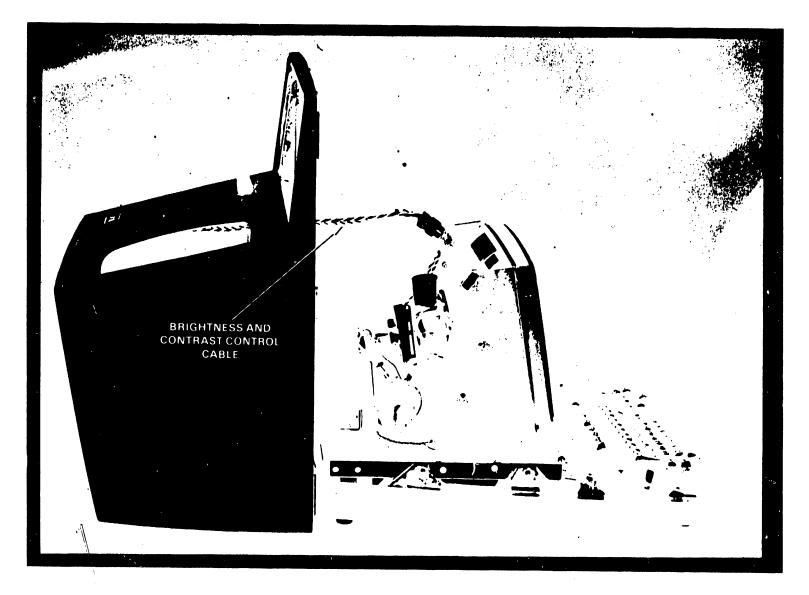


FIGURE 2-14 WORK STATION (5506-1) — COVER REMOVED, SIDE VIEW, SHOWING CONTROL CABLE



FIGURE 2-15 WORK STATION (5506-1) — PHOTOGRAPHIC EXPLODED VIEW

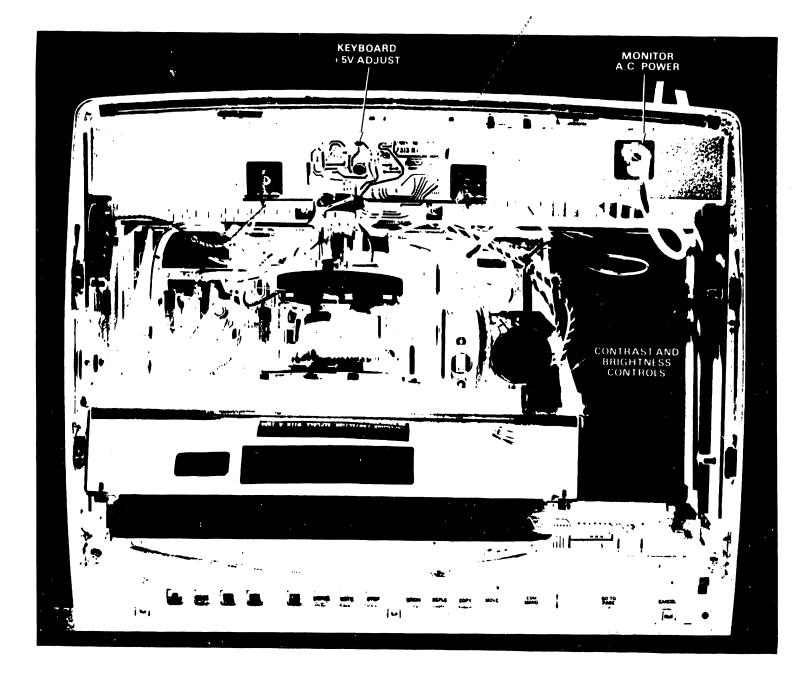


FIGURE 2-16 WORK STATION (5506-1) — COVER REMOVED, TOP VIEW

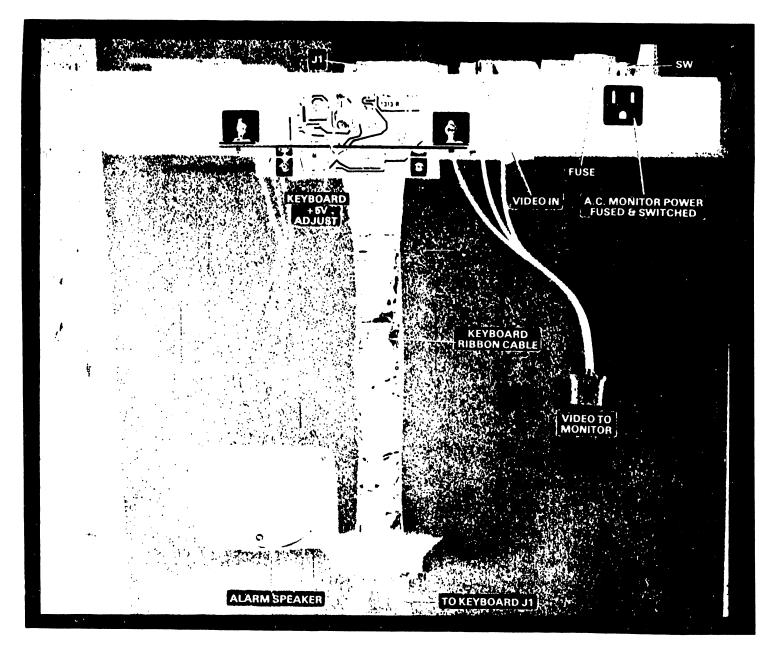


FIGURE 2-17 WORK STATION (5506-1) — SYSTEM 5 MODIFICATION

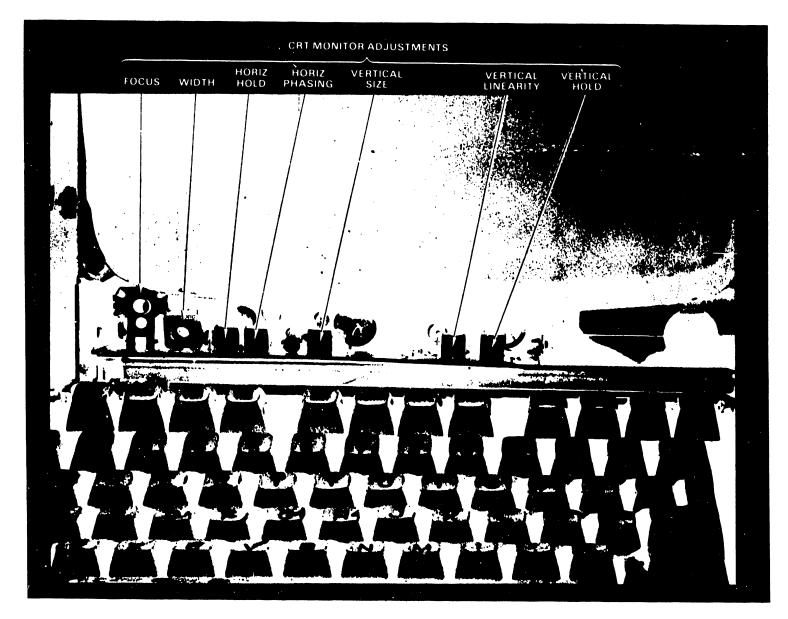


FIGURE 2-18 WORK STATION (5506-1) — COVER REMOVED, SHOWING CRT ADJUSTMENTS

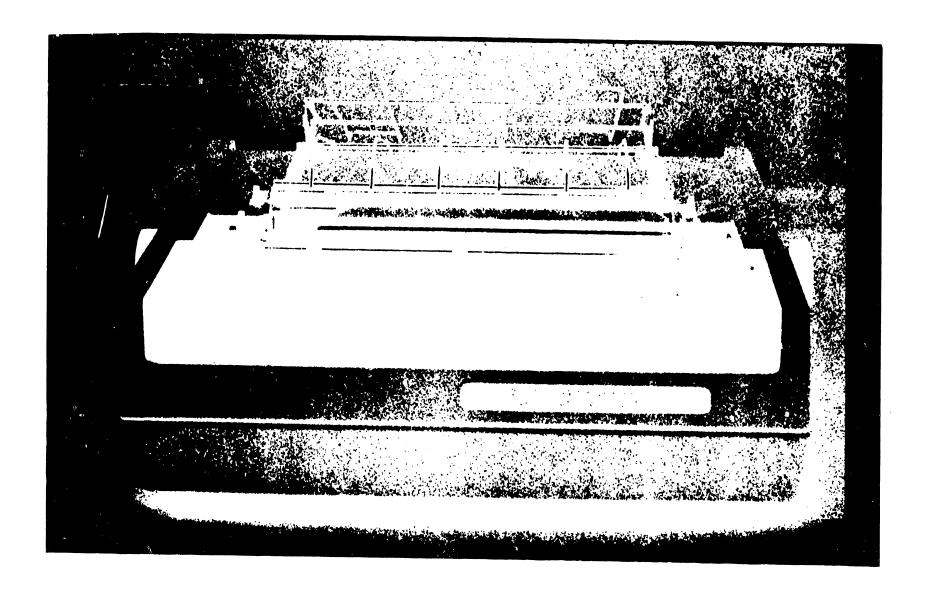


FIGURE 2-19 PRINTER (WANG DAISY MODEL 5541W) — FRONT VIEW

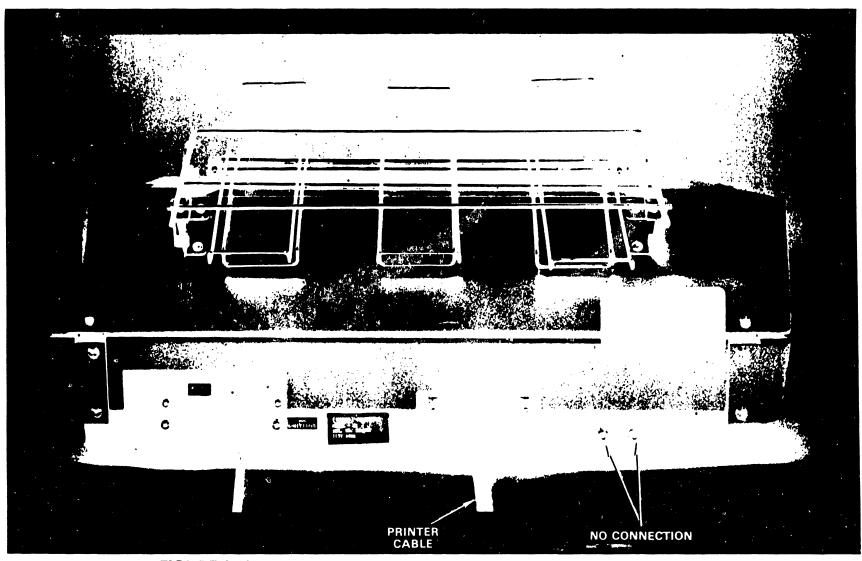


FIGURE 2-20 PRINTER (WANG DAISY MODEL 5541W) — REAR VIEW

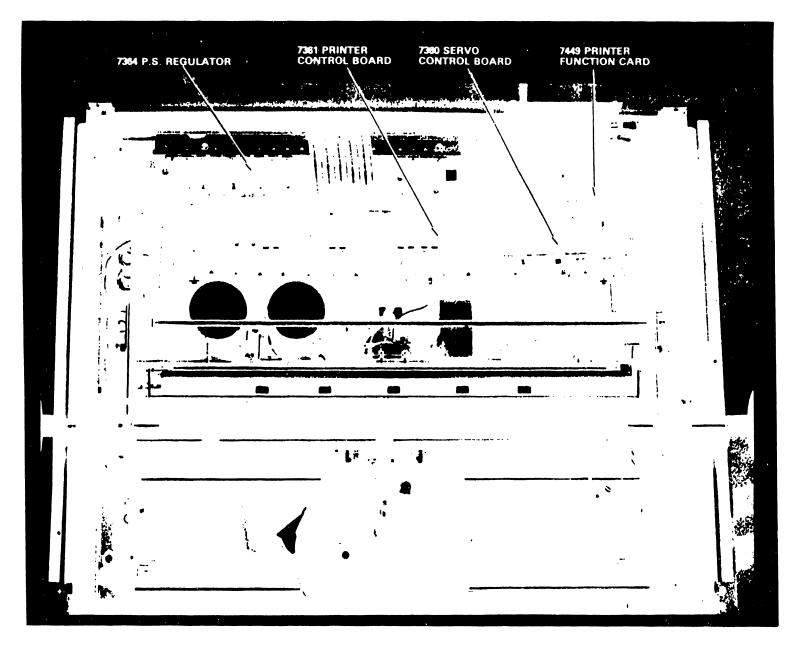


FIGURE 2-21 PRINTER (WANG DAISY MODEL 5541W) — COVER REMOVED, TOP VIEW

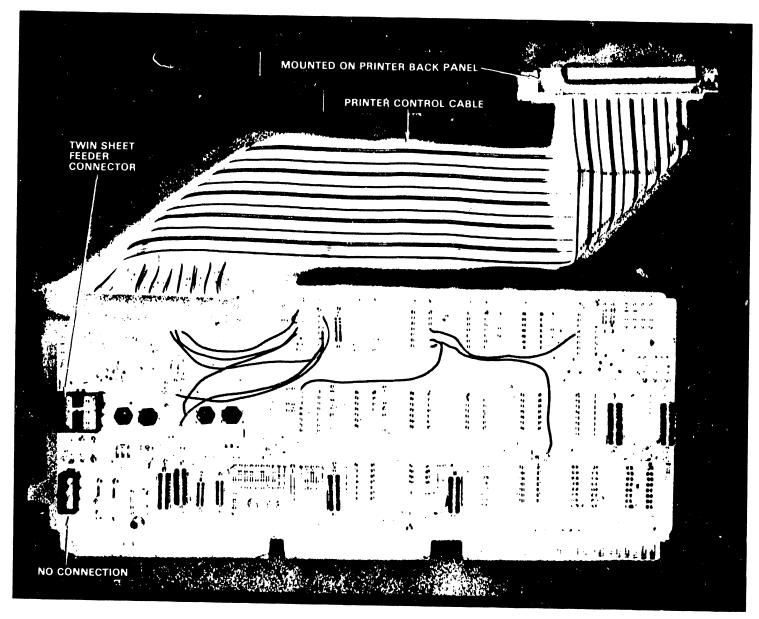


FIGURE 2-22 PRINTER (WANG DAISY MODEL 5541W) — PRINTER JUNCTION & TSF LOADING PCB 7449

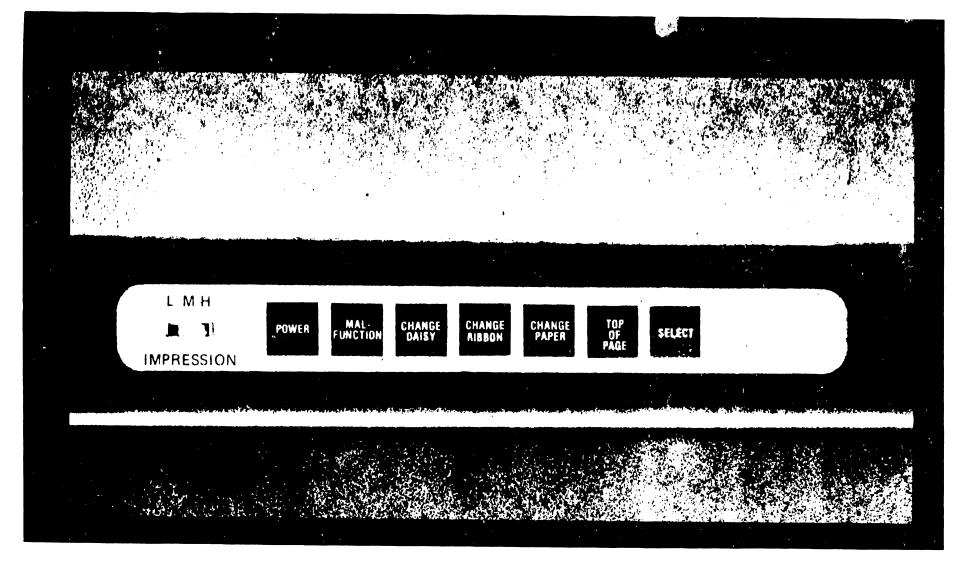


FIGURE 2-23 PRINTER (WANG DAISY MODEL 5541W) — FRONT PANEL CONTROLS AND INDICATORS

# CHAPTER AVAILABLE OPTIONS

# CHAPTER III AVAILABLE OPTIONS

The System 5 is divided into two groups, Model I and Model II. While the Model II possess more operational features such as global replace, text movement, text copy, document assembly, merge, horizontal scroll, proportional spacing and dual column, there is one and only one option for the System 5 itself. This option is the Twin Sheet Feeder (5538). Refer to WPNL #43.1, July 7, 1978.

As of this writing it is anticipated that a Model III will be originated. This newly originated Model III will, for all practical applications, be a new identity for the now current system 10A.

# CHAPTER IV CHECKS AND ADJUSTMENTS

# CHAPTER IV CHECKS AND ADJUSTMENTS

# 4-1 GENERAL

- A. Refer to Service Bulletin No. 82 Dec 15, 1977 for adjustment of Sugart 901 diskette drive.
- B. Refer to Service Bulletin No. 73 for adjustment of Wang 12" monitor.
- C. Refer to Wang Daisy Printer Preliminary Maintenance Manual issued August 18, 1978. Reorder number is 13-1740. (This manual is identified as Model 81 and 81WWP).

# 4-2 ELECTRICAL

## A. MASTER

- 1. The +24VDC, +12VDC and +5VDC power supplies are adjustable with pots. on the regulator card while the -5VDC and -12VDC supplies are fixed. Voltage test points are provided on the I/O card for all voltages except the +24VDC which may be picked up from the power transistor cases on the Sugart drives.
- 2. The intensity gain pot is located at the top of the CPU/CRT card and may be adjusted to provide optimum range of operator controls on Workstation.
- 3. There are three sets of jumpers on the CPU/CRT card to determine 50Hz or 60Hz operation. The proper position is indicated by the silkscreen markings. There are three other jumpers used for Teredyne testing and they should be inserted during manufacturing. They are located ajacent to L10, L59 and L85 and effect the CRT clock, cursor blink clock and CPU clock.

# **B.WORKSTATION**

- There is a pot located on the CRT junction card to adjust the keyboard voltage. It is accessable from the top with the cover removed.
- The other adjustments on the Workstation are operator controls and include brightness, contrast, speaker and clicker.

# C. PRINTER

For printer checks and adjustments, refer to the Wang Daisy Printer Preliminary Maintenance Manual (13-1740).

# CHAPTER REMOVAL AND REPLACEMENT

# CHAPTER V REMOVAL AND REPLACEMENT

# 5-1 GENERAL

There are no unique/peculiar removals/replacements within this system. It is assumed that the general knowledge of the 928 System, (supported by its relative 3 volumes), along with the illustrations in Chapter 2 of this manual should give ample information for the removal and replacement of any system element/component.

# **5-2 TEST AFTER REPAIR/INSTALLATION**

As a minimum, the latest revision of the system's diagnostics, must be performed prior to returning the repaired system back into operational use.

# CHAPTER VI FAULT ISOLATION SUGGESTIONS

# CHAPTER VI FAULT ISOLATION SUGGESTIONS (PARTIAL)

# 6-1 VISUAL CHECKS

(Turn power switch on with the disk drives empty.)

- A. If the fan turns, primary power exists.
- B. Turn up the brightness control on the Workstation to check for a raster.
- C. The Printer should do a Restore Operation.

(Put the keyboard into the upper case position by hitting the 'LOCK' key.)

D. If the Shift Lamp comes on you have +24VDC, +12VDC, +5VDC and -5VDC are present. The -12VDC supply is used only for TC and should not effect the rest of the system.

(Hold the 'LOCK' key down; then push and hold the reset button.)

E. The Shift Lamp should extinguish indicating a reset signal and the printer should perform a Restore Operation.

(Release the reset button.)

- F. The Shift Lamp should come on again after a very brief delay and the printer should perform another Restore Operation.
- G. The software should load and present the data/time initialization menu.
- H. Enter a date and time to verify acceptance of keystrokes.

## 6-2 HINTS

A. Dirty cable connectors may be cleaned with a cut-down ink eraser.

- B. Disk drives may be switched for test purposes by exchanging cables where they plug into the motherboard.
- C. Absence of a supply voltage may be folded back due to excess current draw. Remember there are no fuses.
- D. The Circuit cards may need to be reseated.
- E. Check that all six jumpers in the CPU/CRT card are as indicated by the silkscreening.

# CHAPTER WII GENERAL THEORY OF OPERATION

# CHAPTER VII GENERAL THEORY OF OPERATION

# 7-1 INTRODUCTION

The SYSTEM 5 is composed of three units; the Master, the Workstation and the Printer. Interconnections are accomplished through mult-conductor cables. System 5 is divided into Models I & Model II with additional operating features being the difference. (Model II has more features than Model I).

The Master houses most of the electronics for the system as well as the two floppy disk drives. The motherboard provides connectors for the floppy disk ribbon cables, the power supply regulator the Memory card, the CPU/CRT card and the I/O card. Connectors on the end of the motherboard emerge from the rear of the unit to connect to Workstation and Printer cables. The Workstation contains a keyboard and a 12" CRT. There is also a small CRT Junction card at the rear which serves as a terminating device for the Workstation cable. Keyboard power is supplied from the Master. This System uses the Wang Daisy Printer exclusively.

Refer to the figure in Chapter 2 and the schematics in Appendix "B", when reading this chapter. The Mneumonic codes are numeric-\alpha alphabetically listed in Appendix "A".

# 7-2 MASTER (5605-1)

## A. GENERAL

The Master unit looks very much like a SYSTEM 20 Master with the exception of the rear panel. Many of the chassis and cabinet components are interchangeable. Electronically, however, there are few similarities.

## **B. POWER SUPPLY**

The System power supply consists of an input ElectroMagnetic Interference box, a power transformer, a regulator card and various filter capacitors; an external sense resistor and pass transistor. The EMI box contains the power switch and fuse as well as two unfused convenience outlets. There is also an EMI filter which eliminates undesirable signals from the transformer's input power. The power transformer has three center-tapped secondaries which are full-wave rectified to provide +28VDC, +8VDC, +15VDC and -15VDC; all regulated. Circuitry on the regulator card and heatsink reduce these voltages to +24VDC, +12VDC, +5VDC and -12VDC for system use. The three positive voltage regulators are adjustable but the negative regulators are not. Each supply has current limiting with a voltage fold-back circuit and therefore no fuses are used. The current sense resistor for the +5VDC supply is located on the motherboard while the others are on the regulator card. There is a monitor circuit located on the regulator card which checks the +12VDC, the +5VDC and holds the system reset unless these voltages are within tolerance. The +24VDC is held to zero at the same time. There is an additional circuit to provide for a brief reset pulse on power up or when the reset button at the front of the unit is pushed.

The +5VDC supply uses a 723 voltage regulator (L2) as its basic control element. This device drives a darlington pair which, in turn, supplies the base drive for the pass transistor mounted on the heat sink assembly. The output current passes through a sense resistor on the motherboard before flowing to the system. Referance voltage is developed in the regulator chip and applied through a variable voltage divider to the non-inverting input of the chip allowing for voltage adjustment. The system voltage is fed back via pins 4 and D to the inverting input. The resulting bias and error signals cause a current flow from  $\rm V_{\rm C}$  through an internal transistor to  $\rm V_{\rm out}$  where it drives the base of the darlington pair (Q4). The amplified current then drives the pass transistor which is connected in the standard emitter follower configuration.  $\rm V_{\rm C}$  and the collectors of the darlington are connected to the +15VUR source which provides ample operating voltage for this regulator.

The voltage drop across the sense resistor is applied to the inputs of an LM339 comparator (L5) via pin 8 and a voltage divider. Normally the output of the comparator clamps the CL input of the regulator to ground. As the supply current nears 15 amperes the comparator switches and allows current to flow into CL via a 3.3K resistor (R19) connected to +15VUR. These switches on an internal transistor in the regulator causing the voltage feedback loop to become degenerative and the output drops back to a low voltage. At this time the comparator oscillates, waiting for the excessive load to be removed.

The +12VDC and +5VDC supplies are similar. The load current is lower and the darlington (Q2) serves as the pass transistor. The 723 regulator (L1) has it internal reference voltage connected directly to the non-inverting input while the output voltage is fed back to the inverting input via a variable voltage divider. R37 provides current sense and the comparator will switch at approximately 2 amperes. The regulator draws its operating voltage from the +28VUR.

The +24VDC supply has a 723 regulator (L3) with its internal referance voltage tied to the non-inverting input through a fixed divider while the output voltage is fed bac to the inverting input via an adjustable divider. A line running from the non-inverting input to the voltage monitoring circuit shuts down this supply during a reset or fault condition. The darlington pass transistor (Q1) is connected in the common emitter configuration and so the base drive circuit differs from the other positive supplies. Drive current flows from the base to V<sub>C</sub>, through the internal control transistor from collector to emmitter, and then from V<sub>out</sub> to a current sink provided by zener diode D1. Current sense is provided by R7 and shuts down the supply at about 2.5 amperes in the same way as the other circuits.

The -5VDC and -12VDC regulators are totally intergrated and not adjustable. They provide overcurrent foldback internally.

The voltage monitor circuit utilizes another quad voltage comparator chip (L4). The outputs of the four comparators are wire-anded to produce the -Auto Reset signal at pin J. Three of the comparators check the +5VDC, +12VDC and -5VDC against zener referances while the fourth creates the reset pulse. This pulse is created on power up or when the PRIME button is pushed through a time constant circuit made up of C5 and R13.

The power supply may be run on 110VAC-60Hz with on transformer (Wang P/N 410-0111) and 220VAC-50Hz on another (Wang P/N 410-0113). No other conversions to the power supply are necessary.

# **C. CIRCUIT BOARDS**

There are three circuit boards (I/O, CPU/CRT & MEMORY) located in the Master and these plug directly into the Motherboard.

# D. CPU/CRT PCB (210-7312)

The first of these is the CPU/CRT board. It holds the CPU, the Counter/Timer, the keyboard interface, the NOP circuit, the DMA logic, the Parallel I/O chip and the CRT memory and scan logic.

# I. **Z80** CPU

The Z80 CPU chip is the hub around which the rest of the system is built. It requires a single +5VDC supply and a single clock, which, in this case, has a period of 406.9 nsec. There is an eight bit bus for bidirectional data flow and a sixteen bit address bus. There is a reset line which initializes the chip and six major status output lines. These lines are M1, MREQ, IORQ, RD, WR and RFSH. They let the circuitry know what function the CPU is about to perform. M1 is active during the first cycle (the fetch cycle) of each instruction cycle and also during the special interrupt acknowledge cycle discussed later. MREQ is active when memory is being accessed, either to fetch an instruction or data. IORQ turns on to indicate an input or output to a peripheral device or during the previously mentioned

interrupt acknowledge cycle. RD indicates that the CPU will input data while performing a memory access or I/O instruction while WR indicates that it will output data. During an Ml fetch cycle the CPU will output an address for memory refresh and the RFSH signal indicates this.

There is a BUSRQ input which asks the CPU to switch its address, data and status lines into the high impedance state so that an outside device may utilize these busses and a BUSAK which is active when the CPU has complied with this request. A WAIT input requests the CPU to extend the current memory access or I/O cycle as long as it is present and it is used here to syncronize the CPU and CRT logics during data transfers. Lastly, there are the two interrupt inputs. NMI is the non-maskable interrupt and forces the CPU to fetch its next instruction from location  $66_{HEX}$ . It is used here as an unconditional entrance to the DEBUG program controlled by the external DEBUG tester box. The maskable interrupt (INT) serves as the input for all other interrupting devices in the system and is under software control.

Because of the load imposed upon them, the address lines must be buffered. L29 provides buffering for the lower eight bits and L45 does the same for the upper eight. L45 also latches these upper bits during MREQ time to stabalize the address. The output of these buffers will go to the high Z state in response to a BUSAK from the CPU to allow someone else the use of the address bus. The data lines and status lines are buffered for the same reason but these lines also go directly from the CPU to the Counter/Timer chip, the Parallel I/O chip and the tester box connector. These devices will be discussed later. The status lines are buffered by Ll and the data lines by L14. L1 is put in the high Z state by BUSAK but the data bus (L14) is more involved. It goes to high Z if a read or write is not being performed or if a BUSAK is present or if the CPU is addressing the Counter/Timer or Parallel I/O chips. The gates involved include L66, L68 and L 91. Since the data bus is bidirectional, this buffer must have a directional control. This is supplied by the CPU's RD signal.

When the CPU performs an IN or OUT instruction data is being passed to or from one of the other circuits in the system. This might be the input of a keystroke from the keyboard interface or output of a disk drive selection to the disk interface or any of a number of other exchanges. The CPU places an 8 bit address on the lowest address lines during this time and the system must decode these bits to chose the circuit being selected. The system decodes the lowest four address bits in L64 to produce sixteen Chip Enable signals. These CE's are distributed in the Master as control signals and some are decoded further. This decoder chip is only enabled during a legitimate IN or OUT command. The other four bits are reserved for addressing the Counter/Timer and the Parallel I/O circuits.

The clock required by the CPU is generated by L85. This clock is crystal controlled and the frequency of 2.4576 MHz was chosen because it is easily divided to produce the standard baud rates used for Telecommunications. After buffering this clock is distributed throughout the Master. Transistor Q4 is an active pull-up on the CPU clock line to improve rise and fall times.

## 2. COUNTER TIMER (CTC)

The Counter/Timer is contained in a single chip (L63). There are four identical circuits which are used independently as either timers or event counters. This system uses counter 0 as a ter millisecond tick generator, counter 1 as a sector counter for disk transfers, counter 2 as a keystroke settling delay and counter 3 as a repeat key interval timer. Each counter is set up through software control with an IN command and then runs or awaits a trigger to start or increment. When each counter finishes its timing sequence it creats an interrupt that notifies the CPU. The CPU then responds with an interrupt acknowledge as mentioned earlier.

### 3. KEYBOARD

The keyboard is located remotely and the signals arrive via a cable to the Master. The data word is eight bits; seven key code bits and one lower/upper case bit. There is also a key strobe which notifies the interface that a key has been struck. When this strobe arrives it passes through L100 which provides Schmitt trigger inputs and then triggers a 1-shot in L74. The resulting pulse latches in the keyboard data that is now present at L99 and then triggers the second l-shot in L74. This second pulse sets the DAX flip-flop in L84. DAX prevents double keystrokes by locking out the keyboard and disabling the keystroke 1-shot. It also goes to the Counter/Timer where it initiates a timing sequence resulting in an interrupt to the CPU. When the CPU decides to input the keystroke it performs an IN OD which gates the latched key data onto the data bus. This also resets the DAX flip-flop and releases the keyboard for its next character. The other flip-flop in L84 is used as the shift lock for the upper case key.

# 4. NO OPERATION START-UP SIGNAL (NOP)

The NOP circuit is necessary because much of the code running in this system was designed before the system itself existed. The basic problem is that, after a reset, the CPU fetches its first instruction from location 0000 when we would like it to go to location B000<sub>HEX</sub>. The solution is the NOP flip-flop (L97) which is cleared during a reset. This causes data buffers L20 and L21 to be cleared and connected to the data bus while the usual data path from memory is disconnected. Therefore, the CPU fetches a No Op code (00), executes it and fetches from the next location. This goes on until address B000<sub>HEX</sub> is reached. Gate L93 decodes that address and MREQ sets the NOP flip-flop. This removes the zeros from the data bus and allows the CPU to fetch its instruction in the usual way from memory. The NOP flip-flop will not be cleared again until another reset occurs.

# **5. DMA CIRCUITRY**

The DMA circuitry is the logic that provides for the direct flow of information between memory and floppy disk without involving the CPU. A disk operation is initiated on the I/O card by the CPU and the information is transfered to or from the memory a byte at a time. track and sector are always transfered to or from page AC, while the data is transfered to or from the page set up in latch L15 by the CPU. One of these addresses is gated to the upper address lines by the data selectors L30 and L46 in response to the F/N signal. When a byte is ready for transfer a DS (data strobe) signal is received which clears DISK BUSRQ flip-flop L97. The resulting BUSRQ asks the CPU to give up the system busses. Upon doing this the CPU sends back a DBA (disk bus acknowledge) that releases the transfer sequencing circuit. This logic, composed of L79, L69 and L80, is driven by the system clock and provides the proper read or write pulses for memory transfer. The output of this circuit and the MREQ flip-flop (L98) are connected to the status bus via L3. When the sequence has ended the DISK BUSRQ flip-flop is set and the CPU regains control of the system busses.

### 6. PARALLEL I/O

The Parallel I/O chip (L62) is used as an interface between the CPU and three other circuits. The chip is divided internally to provide two seperately programable circuits. Section A is associated with the disk interface. When a disk operation is over a Disk Complete pulse is produced that enters the PIO as an ASTB (strobe). This causes an interrupt that allows the CPU to input the disk status information that is fed to the PIO. Section B is programed as both an input and output. Four signals are fed into the PIO from the Telecommunucations circuitry and these may create a CPU interrupt. Two signals originate in the PIO and go to the TC circuitry. The final signal is DAX from the keyboard. The PIO provides another way for the CPU to test this line.

### 7. WRITE SIGNAL

As mentioned earlier, the CPU produces a WR pulse that is used by the memory access logic. The timing of this pulse is not ideally suited to this system and so there is logic to produce a WRE (write early) signal. A gate (L93) checks the RD and RFSH lines at MREQ time and if neither are active it assumes that the operation to be performed is a Write. This enables a flip-flop in L76 that is clocked by the CPU clock and produces the WRE pulse. The WRE pulse is wider and is timed earlier than the WR pulse produced by the CPU. It is distributed throughout the analyse needed.

# 8. CRT LOGIC

The CRT logic is divided into two distinct groups; the memory and the scan circuit. The memory is composed of a character memory, with its origin at E000 HEX, and a control memory, with its origin at C000 HEX. It is generally addressed by the scan logic as it constantly updates the screen image and therefore no refresh logic is necessary. Character memory contains the ASCII code for the disired character and control memory holds cursor and intensify information. When the CPU wishes to read or write the memory it temporarily takes control of the addressing for that purpose. CRT memory is addressed as rows and columns and not linearly as is main memory. The source of the address is chosen by data selectors L31, L32, L47 and L48 and then the row/column mapping is done by L4, L5 and L6. The memory is arranged as 24 rows with 160 columns and the upper byte of the address designates row while the lower byte indicates column. The legal range of addresses for character memory would therefore be  ${\rm E000}_{\rm HEX}$  to F79F<sub>HEY</sub>. Use of an illegal address may result in the alteration of a legal location. Data flowing from character memory to the scan logic is latched into L7 and L8 while data on its way to the CPU is latched into L20 and L21 and onto the system data bus. Data arriving from the CPU goes through buffer L19. Bits from control memory are latched into the scan logic via L39 and onto the system bus through L23 and L27. Since only two of the eight bits are used the other six are grounded at L23 and L27. Data from the CPU enters through buffer L3.

The CRT scan logic has its own clock that runs asyncronously to the system clock. This makes a syncronizing circuit necessary for effective transfer of data between the CPU and CRT memory. Gate L66 detects that CRT memory is being addressed during MREO time and creates a BLA signal. If the instruction is a read then BLA gates the proper CRT data lines onto the system bus with control signals from L69 and L65. At the same time, BLA is latched into L76 creating a WAIT signal that causes the CPU to excend the instruction indefinately. WAIT is clocked into FF1 of L77 by the CRT clock causing a BL signal that blanks the screen and allows the CPU to address CRT memory. BL is clocked into FF<sub>2</sub> of L77 with the next CRT clock pulse and this resets the WAIT signal. The two clocks are now in sync and the CPU finishes its read or write instruction. BL is gated together with WRE and an address bit at L67 to produce WCHAR or WCNT to control the memory R/W lines. The CE pulse for the memory chips is supplied by the CR scan logic.

The composite video signal that drives the monitor is produced by the scan logic. To prevent image distortion the frame rate of this display must be the same as the line frequency. This is determined by the scan logic and is normally sixty frames per second but additional logic is provided to change to fifty frames per second if necessary. The frequencey standard for the CRT is a crystal oscillator (L10) and running at 17.10 MHz. The 58.5 nsec period of this clock defines a single dot location. The clock is processed through a pulse generator formed by L25 and L26 to produce other needed signals. One of these is DT89 and this defines the character width as eight dots tollowed by two blanked dots for spacing. There is a counter formed by L82 and L83 that counts these pulses up to ninty-nine and then resets. The output of this character counter is decoded at L72 and L73 to provide the necessary horizontal blanking and sync. pulses. The complete character space occupies an area eight dots wide and eleven dots high. The upper eight are used to form the character, the ninth and tenth are used for cursor and the eleventh is blanked for vertical seperation. There is a line counter and decoder (L57 and L58) keeping track of this. Another counter (L86 and L88) produces a row count which increments from zero to twenty-three as the entire screen is

scanned. Gating provided by L80, L81, L94, L95 and others produce the vertical blanking and sync pulses. Jumpers are located here to change from 60Hz to 50Hz.

The last counter in the scan logic is the column counter (L16 and L17). It has a count range of eighty and obtains its starting count from latch L18. The CPU may load this latch with the number of the first column it wishes displayed and the scan logic will display the next eighty columns. An exception to this are in row one and twenty-four. A row decoder (L89) and associated logic insures that the first eighty columns of these rows are displayed regardless of the contents of the latch. This is because these locations usually contain headings or prompts.

The outputs of the row and column counters are connected to the data selectors that address the CRT memory and, at the beginning of each DT89 time, an eight bit ASCII code is made available. This code must be translated into a dot maxtrix and displayed, a dot at a time, in the proper sequence. The code is applied as a partial address to the character prom (L9) while the rest of the address is supplied by the line counter. Since the prom now knows the character that is desired and which line of the character is to be scanned it can output the eight bits that make up that line. These bits must be sequentially presented to the video combiner as the scan continues and this is done with a shift register (L22 and L38). The combiner produces the final composite video signal that goes to the monitor. The inputs include horizontal and vertical sync pulses, scan blanking, cursor, underscore, character video and intensity. The effects of this intensify signal is adjustable with R48. Provisions are also made to produce steady underscores when a signal is sent from the parity error circuitry on the memory board.

## E. MEMORY PCB (210-7310)

The next board of the three board set is the memory card. It contains 44 K of RAM that makes up main memory, 4 K of PROM that holds the bootstrap, event handler and debug programs, parity error circuitry and logic for an additional DMA path. This DMA logic may not be loaded as it is not used in this system.

## I. RAM

The RAM chips are arranged in 11 banks and each bank has its own chip enable driver (L111, L113, L116, L118, L121 & L122). Each driver IC has two driver circuits which provide the necessary +12V pulse through external switching transistors. Each bank of RAM contains 4K of 9 bit words and the data lines from all banks are wire-ored together. The lowest 12 address lines (An thru A11) are common, through buffers, to all RAM chips in all banks allowing the selection of any word within the 4K range. The upper 4 bits (A12 thru A15) are decoded at L125 to provide the chip enables that selects the bank. Provisions are made to select all banks simultaneously for a refresh cycle. The data lines are connected to the system data bus through a bidirectional buffer (L100). The direction is controlled by a RD signal from the CPU and the enable line is controled by gates that connect it to the data bus only when necessary. It is in the HI-Z state during NOP or when the CRT memory or PROM is being addressed. The read/write lines of the RAM chips are driven by buffers in L110 controlled by WRE (write early). During a memory read the parity generator (L124) samples the 8 data bits and generates the appropriate bit for even parity. This bit is compared with the parity bit read from memory and if there is a difference a F/F in L139 is set. This sends a MPE (main parity error) signal to the CPU/CRT card, causing underscores on the screen. This F/F may only be cleared by a reset. The detection of a parity error has no other effect. During a write to memory the data bits are sampled and a parity bit generated to accompany them. There is also logic here to test parity in the CRT memory. This circuit does not function in the present system.

## 2. PROM

The 4 PROM chips provide hard storage for 4K of 8 bit words. Data read from one of these chips is gated onto the system data bus through buffer L102 when appropriate. The lowest 10 address bits  $(A_0 \text{ thru } A_9)$  go directly to all the chips while bits  $A_{10}$  and  $A_{11}$  are decoded with CEll from L125 to enable one of the chips. This is done in L108.

## F. I/O PCB (210-7411)

The final board in the Master is the I/O board. It carries the Printer interface logic, the TeleCommunications logic and the disk interface logic and the hardware and software switches.

## I. PRINTER INTERFACE

The Printer interface allows the CPU to send data, strobes and display information to the printer and read in printer status and control switch data. Towards this purpose the system data bus is connected to three buffers. L87 responds to an IN 1F from the CPU by driving the data bus with printer status information such as ready/busy conditions or a cover open signal. L86 inputs on an IN OF and sends disk status, keyboard status and the condition of the Top of Form button on the printer. The last buffer inverts the data bus and makes the data available to the interface. Information is presented to the printer as a 12 bit word accompanied by a strobe that designates the destination of that particular word. Data is strobed to the carriage position circuit, the paper motion circuit and the print wheel position circuit. The data is assembled in latches (L74, L88 & L89) by the CPU using OUT OB and OUT O3 and then a strobe is sent from L90 with an OUT 04. The lamps on the operators keyboard at the printer are controlled with an out OF that latches data into L76.

## 2. T.C. INTERFACE

The TeleCommunication. (TC) interface is centered around L57, the USART (universal syncronous/asyncronous receiver/transmitter) chip. Data flows to and from the TC interface through buffer L85. The CPU may set the mode and format of the USART by writing to it with command data. It may also read the chip for a status report. Exchange of data received or to be transmitted is accomplished in the same way. Data flowing between the USART and the TC MODEM is processed through line transmitters or receivers. The signals are brought onto the board through a ribbon cable that attaches to a TC connector (RS232C) on the back panal. If the System 5 is to provide clocks for data transfer the CPU may load a register (L58) that controls a counter (L44 & L45) which determines the baud rate.

### 3. DATA TRANSFER

The disk transfer logic provides the means of reading data from or writing it to the disk under CPU control. It keeps track of the byte transfer and employs a Cyclic Redundency Check to minimize errors. The CPU selects a drive, loads the head and steps it to the proper track using OUT commands to L83 and L50. It then uses the index and sector pulses available at the output of L63 to find the desired sector. Another OUT command selects either a disk read or a disk write. From there on the transfer is automatic, requiring no assistance from the CPU until the entire 256 bytes has been handled. Data flows to or from memory via the DMA path as described earlier. Since the disk presents data a bit at a time a shift register (L68 and L69) is used to assemble a byte. It then goes onto the data bus at DMA time via L81. Arriving data passes through L82 and into the shift register where it is shifted out to the write logic serially. There is a bit counter in L15 that keeps track of the progress of the shift register. There is also a byte counter in L78 and L79 that sequences the entire operation and provides the lower address bits for the transfer. The upper bits are supplied by the CPU when the operation is being set up. This 'Page Setting' is part of the DMA cycle. A crystal oscillator using L8 supplies the clocks for writing data to the disk.

## 4. HARDWARE/SOFTWARE COMPATABILITY

The software and hardware switch logic allows the CPU to input two 8 bit words determined by switch settings or jumpers. These are set by the technician and assure compatability and software protection. Data from the two switches are gated onto to data bus by L19 and L32 in response to an INOE and IN2E generated in L31.

## APPENDIX A

## APPENDIX A SYSTEM 5 MNEUMONIC CODE

## SYSTEM MNEUMONICS

1)	8BS	Eight bit strobe.
2)	ACK	Disk write 'A' clock.
3)	BCK	Disk write 'B' clock.
4)	D <sub>0</sub> -D <sub>7</sub>	Eight bit system data bus.
5)	DAX	Keystroke acknowledge.
6)	DBA	Disk bus access.
7)	DC	Disk operation complete.
8)	DR	Disk read.
9)	DS	Data strobe for disk transfers.
10)	EAB	Enable 'A' & 'B' clocks.
11)	F/N	Format/normal disk mode signal.
12)	FLI	First load inhibit.
13)	HDIR	Floppy disk head stepping direction.
14)	HDL <sub>1</sub> (2)	Load floppy disk head in drive one (two).
15)	HSTP	Floppy disk head stepping pulse.
16)	INDEX <sub>1</sub> (2)	Index pulse from selected floppy disk.
17)	IPO	Index pulse only.
18)	<sup>к</sup> 0 <sup>-к</sup> 6	Keyboard data.
19)	KS	Keyboard strobe.
20)	LOCK	Keyboard shift lock key.
21)	MR	Master reset.
22)	NOP	No operation startup signal.
23)	RCK	Clock input from floppy disk.
24)	RCS	Read command stored.
25)	RDD	Input data from floppy disk.
26)	SDF	Sync detect flip-flop.
27)	SECTOR <sub>1</sub> (2)	Sector pulse from selected floppy disk.
28)	SFL <sub>1</sub> (2)	Select floppy drive one (two).
29)	SH	Keyboard shift key.
30)	SOC	Sector operation complete.
31)	SOR	Sector over-run.
32)	SPO	Sector pulse only.
33)	SRE	Serial read error.
34)	WCD	Disk write clock & data.
35)	WCS	Write command stored.

36)	CLICK	Keyboard clicker.
37)	SPK	Keyboard alarm speaker.
38)	LTZ	Floppy disk track zero signal.
39)	ŴΡ	Write protected.
40)	DRY	Disk ready
41)	HS	Horizontal sync.
42)	нв	Horizontal blanking.
43)	VS	Vertical sync.
44)	VB	Vertical blanking.
45)	WCHAR	Write to character CRT memory.
46)	WCNT	Write to control CRT memory.
47)	CK	CRT clock.
48)	BUSRQ	Disk bus request.
49)	DA1A-DA12A	Printer data bus.
50)	CMS	Carriage motion strobe.
51)	PWS	Printer wheel strobe.
52)	PFS	Paper feed strobe.
53)	REST	Printer restore
54)	FL	Fault lamp.
55)	PL	Change paper lamp.
56)	RL	Change ribbon lamp.
57)	PSL	Program stop (change daisy).
58)	SEL	Printer select switch.
59)	SL	Selected lamp.
60)	SPKD	Printer alarm speaker.
61)	RLT	Ribbon lift.
62)	PRY	Printer ready.
63)	CAR	Carriage ready.
64)	PFR	Paper feed ready.
65)	PO	Paper out.
66)	CHECK/FAULT	Printer fault.
67)	PWR	Print wheel ready.
68)	CO	Cover open.
69)	EOR	End of ribbon.
70)	TOP	Top of form switch.
71)	AET	Keyboard repeat key function.
72)	MREQ	CPU memory request.

73)	IORQ	CPU input/output request.
74)	Ml	CPU fetch cycle.
75)	WR	CPU write.
76)	WRE	System write early signal.
77)	RD	CPU read.
78)	SLP	Select printer.
79)	WAIT	CPU wait request.
80)	CE	Chip enable for CRT memory.
81)	MPE	Memory parity error detected.
82)	CPE	CRT parity error detected.
83)	DRC	Data read clock.

## APPENDIX B

THE SCHEMATICS, WHEN AVAILABLE, ARE ON THE LAST FICHE IN THIS SET.

# APPENDIX C

## APPENDIX C RELATIVE PUBLICATIONS

DOCUMENT ID & NO.	DOCUMENT TITLE	ISSUE DATE
WPNL 43.1	WANG TWIN SHEET FEEDER OPTION (5538)	7 July 1978
WPNL 21	SHUGGARD SA901 DISKETTE DRIVE, HEAD ALIGNMENT PROCEDURE	3 June 1977
MANUAL (Reorder #13-1740)	PRELIMINARY MAINTENANCE MANUAL (Printers) MODELS 81 AND 81WWP	18 August 1978
MANUAL 03-0034-P1 (Reorder #13-938-VOL I) (Reorder #13-1029-VOL II) (Reorder #13-1339-VOL III)	CUSTOMER ENGINEERING DIVISION MODEL 928 SYSTEM 10/20/30 VOLUME I, II, AND III	VOL I & II - 1977 VOL III - 1978
SERVICE BULLETIN 82	MODEL 2270A IBM COMPATIBLE SHUGGART DISK SYSTEM (FOR GENERAL WP INFO)	15 December 1977
SERVICE BULLETIN 73	WANG VIDEO DISPLAY	1977

# APPENDIX D

## APPENDIX D BILL OF MATERIALS (BOM)

RUN DATE: 10/11/78 PAGE 1

ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

POSITION IN Structure	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	[ ML
1	IN 1	87-9233	5505-2 MASTER W/HORIZ SCROLL	EC9499	1.0000	EACH	
2	IN + 2	10-7411	PCB ASSY 114 DISK BOARD		1.0000	EACH	
3	IN 3	00-1100	CAP 100 PF 10% 500 V CERAMIC DISC	EC 9584	1.0000	EACH	
3	IN 3	100-1120	120 PF CERAMIC CAP W/OFF-76		1.0000	EACH	
3	IN 3	100-1220	CAP 220 PF 108 500 V CERAMIC DISC	EC9511	1.0000	EACH	
3	IN 3	100-1470	CAP 470 PF 108 500 V CERAMIC DISC	207311	2.0000	EACH	
3	IN 3	100-1680	CAP 680 PF 10% 500 V CERAMIC DISC		1.0000	FACH	
3	1 N 3	00-1900	CAP .05 UF +80-20% 12 V CERANIC D	EC 9584	49.000	EACH	
3	IN 3	100-1906	CAP .001 UF 10% 500 V CERAMIC DISC		2.0000	EACH	
3	IN 3	00-1911	CAP .0068 UF 20% 100 V CERAMIC DISC		1.0000	EACH	
3	IN 3	100-1913	CAP .002 UF 20% 500 V CERAMIC DISC	FC 9715	2.0000	FACH	
3	IN 3	100-1930	.1 UF SOV +80-20% CERAMIC CAPIHIFRO	EC 9584	1.0000	EACH	
3	IN 3	100-4000	CAP 1.0 UF 35 V 10% TANT AXIAL	EC 9071	1.0000	EACH	
3	1N 3	100-4002			1.0000	EACH	
3		300-4018	CAP .1 UF 35 V 10% TANT AXIAL CAP 18.0 UF 15 V 10% TANT AXIAL CAP 15.0 UF 20 V 10% TANT AXIAL		1.0000	FACH	
3	IN 3	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL		4.0000	EACH	
3	IN 3	321-0008	CRYSTAL 10.0 5 % QUARTZ HC-18/U		1.0000	FACH	
3	IN 3	125-1503	8 BANK ROCKER SHITCH		2.0000	EACH	
3	PFS 3	330-1022-48	RES 22 OHM 1/4W 10% FIXED COMP	EC 9071			
4	IN + 3	330-1022	RES 22 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
						L	
3	PFS 3	30-1068-48	RES 49 OHM 1/4W 108 FIXED COMP RES 38 OHM 1/4W 108 FIXED COMP		1.0000	EACH	
4	IN # 3	330-1068	RES 38 OHM 1/4W 10% FIXED COMP		1.0000		
					10000		
3		30-201 <b>8-</b> 48	RES 180 OHM 1/4W 10% FIXED COMP RES 180 OHM 1/4W 10% FIXED COMP		3.0000	EACH	
4	FS + 3	330-2018	RES 180 OHM 1/4W 10% FIXED COMP		1.0000		
_							
3		330-2022-48	RES 220 OHM 1/4W 10% FIXED COMP	EC 9584	9.0000	EACH	
4	F5 + 3	330-2022	RES 220 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
_							
3		330-2033-48	RES 330 OHM 1/4W 10% FIXED COMP	EC9715	6.0000	EACH	
4	FS + 3	330-2033	RES 330 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
•	0.55	330 3030 45					
3		330-2039-48	RES 390 DHM 1/4W 10% FIXED COMP		2.0000	FACH	
•	F2 = 3	330-2039	RES 390 OHM 1/4% 10% FIXED COMP		1.0000	EACH	
3	PFS 3	110 20/7 /0	856 430 6UM + 400 468 64000 6000				
4		330-2047-48	RES 470 OHM 1/4W 10% FIXED COMP	EC 9715		EACH	
•	F5 + :	330-2047	RES 470 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	P FS 3	330-3010-48	BEC. IN OUR LAND LOS STAFF COM				
4		330-3010	RES 1K OHM 1/4W 10% FIXED COMP		8.0000		
•	F3 + :	330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	PFS 3	330-3022-48	RES 2.2K OHM 1/4W 108 FIXED COMP	EC 9715	50 0000	F 4 F	
4	_	330-3022	RES 2-2K OHM 1/4W 10% FIXED COMP	504119		EACH	
•			HES EACH ONN 1748 TO S PIACO COMP		1.0000	EACH	
3	PFS :	330-3047-48	RES 4.7K OHM 1/4W 10% FIXED COMP	EC 9071	1.0000	EACH	
4		330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP	20 70 71	1.0000		
					1.0000	LACH	
3	PFS	330-4010-48	RES 10K OHM 1/4W 10% FIXED COMP		1.0000	FACH	
4	FS + :	330-4010	RES LOK OHM 1/4W 10% FIXED COMP			EACH	
3	FFS :	330-4015-48	RES 15K OHM 1/4W 10% FIXED COMP		2.0000	EACH	

ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY "DE; 3: \*=TAGGED 0 , r OF KITEPROD STR)

POSITION IN STRUCTURE		COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
4	FS +	330-4015	RES 15K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	P FS	330-4018-48	RES 18K OHM 1/4W 10% FIXED COMP		2.0000	EACH	
4	FS +	330-4018	RES 18K OHM 1/4W 10% FIXED COMP RES 18K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	PFS	330-4047-48					
		330-4047	RES 47K OHM 1/4W 10% FIXED COMP RES 47K OHM 1/4W 10% FIXED COMP		1.0000	EACH EACH	
			The state of the s		1.0000	EACH	
3	IN	331-2012	RES 120 OHM 1/2W 10% FIXED COMP		2.0000	EACH	
3	I N	350-0045	26 PIN 90 HEADER CONN ASSY(PC BD)		1.0000	EACH	
3	IN	375-1012	MPS 6512 SILICON TRANSISTOR		1.0000	EACH	
3	IN	375-1014	MPS 6518 SILICON TRANSISTOR		1.0000	EACH	
3	IN	376-0002	IC 7400N 4 2 IN POS NAND GATE		5-0000	EACH	
3 3	IN	376-0003	IC 7410N 3 3 IN POS NAND GATE		1.0000	EACH	
3	IN	376-0005	IC 7473N 2 J-K MA-SLAVE FLIP-FLOP		3.0000	EACH	
3	IN	376-0006	IC 7474N 2 D EDGE TRIG FLIP-FLOP		9.0000	EACH	
3	I N I N	376-0008	IC 1442N 4 LINE-10 LINE DECODER		2.0000	EACH	
3	IN	376-0010	IC 7404N HEX INVENTER		5-0000	EACH	
3	in	376-0011 376-0012	IC 749 N 4 BIT BINARY COUNTER		1.0000	EACH	
3	IN	376-0012	IC 745IN EXP 2 W 2 IN AND UK INV GT		1.0000	EACH	
3	ĪÑ	376-0055	IC 7404 MEY INV BUE DRIVERS HV OUT		2.0000	EACH	
3	ÍN	376-0073	IC 7400 HEX INV BUT DRIVERS HV UUI		2.0000	EACH	
3	IN	376-0076	IC 75150D 2 LINE DRIVED		7.0000	EACH	
3	IN	376-0081	IC 7408 4 2 IN POS AND GATE		6 0000	EACH EACH	
3	ĪN	376-0082	IC 74157 4 2 IN MX		1 0000	EACH	
3	IN	376-0093	IC 7432 4 2 IN OR GATE		6.000	EACH	
3	IN	376-0094	IC 74161 SYNCHRONOUS & RET COUNTER		3.0000	EACH	
3	IN	376-0097	IC 74195 4 BIT PAR ACCESS SHIFT REG		2.0000	EACH	
3	IN	376-0104	IC 9602 2 RETRIG RESET MONOSTRI MVA		4-0000	EACH	
3	IN	376-0119	IC 74175 4 D TYPE EDGE TRIG F/F		2-0000	EACH	
3	IN	376-0137	IC 8T10 4 D TYPE BUS FLIP FLOP		3-0000	EACH	
3	IN	376-0179	IC 74368 HEX BUS DR W/3 STATE OUT		2.0000	EACH	
3	IN	376-0194	IC 7411 3 3 IN POS AND GATE		4.0000	EACH	
3	IN	376-0197	IC 74504 HEX INVERTER		1.0000	EACH	
3	IN	376-0250	IC 9401 CYCLIC REDUNDANCY CHECK GEN		1.0000	EACH	
3	IN	376-0286	IC 74LS374 8 LATCHES W/TR ST OUTP		4.0000	EACH	
3	IN	376-0288	IC 74LS244 OCTUAL BUF/LINE DR 3 OUT		5.0000	EACH	
3	IN	376-0291	IC MC3437 HEX BUS RCVR W/INPUT HYST		2.0000	EACH	
3	IN	376-0297	IC 74LS240 OCTAL BUF/LINE DR/LN REC		1.0000	EACH	
3	IN	376-9015	IC 28 PIN SOCKET BURNDY		1.0000	EACH	
3	IN	376-9016	IC 24 PIN SOCKET CAMBION		1.0000	EACH	
3	I N	376-9017	IC 24 POS ANTI-WICKING WAFER		1.0000	EACH	
3	IN	510-7411	7411 PCB DISK BOARD BLANK		1.0000	EACH	
2	IN	278-4003	FLOPPY DISK DR 928 (60 HZ)		2.0000	EACH	
3	IN	000-0005	LABOR PRODUCTION SYSTEMS		1.0000	2701	
3	[ N	000-0011	LABOR QUALITY CONTROL		2000		
3	IN	220-3011	FLOPPY DISK CABLE C6482-62		1.0000	EACH	
4	IN	000-9999	OTHER DIRECT COST		5.7970	EACH	
4	IN	350-0021	225-22221-110 SOL TYPE E	C5323	1.0000	FACH	
4	IN	350-0402-8	RES 47K OHM 1/4W 10% FIXED COMP RES 47K OHM 1/4W 10% FIXED COMP RES 47K OHM 1/4W 10% FIXED COMP RES 120 OHM 1/2W 10% FIXED COMP 26 PIN 90 HEADER CONN ASSY(PC BD) MPS 6512 SILICON TRANSISTOR MPS 6518 SILICON TRANSISTOR IC 7400N 4 2 IN POS NAND GATE IC 7410N 3 3 IN POS NAND GATE IC 7473N 2 J-K MA-SLAVE FLIP-FLOP IC 7474N 2 D EDGE TRIG FLIP-FLOP IC 7442N 4 LINE-10 LINE DECODER IC 7404N HEX INVERTER IC 7493N 4 BIT BINARY COUNTER IC 7451N EXP 2 W 2 IN AND OR INV GT IC 7402N 4 2 IN POS NOR GATE IC 7406 HEX INV BUF DRIVERS HV OUT IC 7400 DECADE COUNTER IC 74167 4 2 IN MX IC 7432 4 2 IN POS AND GATE IC 74161 SYNCHRONOUS 4 BIT COUNTER IC 74195 4 BIT PAR ACCESS SHIFT REG IC 9602 2 RETRIG RESET MONOSTBL MVB IC 74175 4 D TYPE BUS FLIP FLOP IC 74368 HEX BUS DR W/3 STATE OUT IC 7411 3 3 IN POS AND GATE IC 74137 4 8 LATCHES W/TR ST OUTP IC 74LS244 OCTUAL BUF/LINE DR 3 OUT IC MC34374 B LATCHES W/TR ST OUTP IC 74LS244 OCTUAL BUF/LINE DR 3 OUT IC MC34374 B LATCHES W/TR ST OUTP IC 74LS244 OCTUAL BUF/LINE DR 3 OUT IC MC34374 B LATCHES W/TR ST OUTP IC 74LS244 OCTUAL BUF/LINE DR 3 OUT IC MC34374 B LATCHES W/TR ST OUTP IC 74LS244 OCTUAL BUF/LINE DR 3 OUT IC MC34374 B LATCHES W/TR ST OUTP IC 74LS240 OCTAL BUF/LINE DR 7 OUT IC 74LS244 OCTUAL BUF/LINE DR 7 OUT IC 74LS240 OCTAL BUF/	C5323	2.0000	EACH	

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PAGE 3

ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

PCSITION IN STRUCTURE	LEGEND 1 2 3		DESCRIPTION	FCN	QUANTITY PER ASSY	U/M	IML
4	IN	350-4118	POLARIZING KEY BETWEEN CONTAC+50PK2	EC6808	1.0000	EACH	
4	FS +	420-0045	40 COND FLAT CABLE	200000	2.3300	FEET	
4	IN	510-6766	6766 PRINTED CIRCUIT BOARD	EC 5323	1.0000	FACH	
4	IN	510-6767	6767 PRINTED CIRCUIT BOARD	EC 5323	1.0000	EACH	
3	IN	279-0284	GUIDE ASSY, BOTTOM (ALUM FOIL 6840-17		1.0000	FACH	
4	IN	000-0011	LABOR QUALITY CONTROL LABOR PREP AREA GUIDE,BOTTOM(FLOPPY)C6805-102		-0230		
4	IN	000-0024	LABOR PREP AREA		.1150	EACH	
4	IN	452-4032	GUIDE,BOTTOM(FLOPPY)C6805-102		1.0000	FACH	
4	IN	660-0028-14	TAPE,ST SHLD 1 3/4"X9 3/4"E6841-123	EC 7391	2.0000	EACH	
3	IN	478-0294	CATCH(FLOPPY DRIVE)B6805-104		0000	EACH	
3	IN	650-2081	SCR 4-40 1/4 PHIL FLAT H MS SS		5.0000	EACH	
3	IN	650-4320	SCR 4-40 1/4 PHIL FLAT H MS SS SCR 8-32 1 PHIL PH MS SS		2.0000	EACH	
3	IN	650-4401	SCR 8-32 1 1/4 PHIL FLAT H MS SS		1.0000	EACH	
3 3	IN	653-0011	WSHR 11/32 ID X 1-1/2 OD X 5/64 THK		2.0000	EACH	
	IN	653-4001	WASH 8 .1761D .3360D INT T ST		2.0000	EACH	
3		690-0301	STORAGE BAG POLY 15X10X34		1.0000	EACH	
3	IN	725-0053	8" FLPY DISK DR ID (IBM COMP) SA910		1.0000	EACH	
3	IN	725-0053-91	DOOR FILEFFI DISK (SHOOKKI)		1.0000	EACH	
2	IN	279-0253	FLOPPY HANDLE ASSY(928M1)C6840-108		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		.0030		
3	IN	000-0024	LABOR PREP AREA		.0140	EACH	
3 3	IN	651-1019	LABOR QUALITY CONTROL LABOR PREP AREA STUD 6-32 -500 CL FLUSH HEAD SS		2.0000	FACH	
•	IN	725-0053-92	HANDLE FFEDERY DISK BEACK)		1.0000	EACH	
	PFS	279-0335	114 COMMON MASTER MECH ASSY 60 HZ PCB ASSY 114 MEMORY BD. PCB ASSY 114 MEMORY BD. LABOR SUB-SYSTEMS LABOR QUALITY CONTROL		1.0000	EACH	
3		210-7310-A	PCB ASSY 114 MEMORY BD.		1.0000	EACH	
<b>4</b> 5	IN	209-7310	PCB ASSY 114 MEMORY BD.		1.0000	EACH	
5	IN	000-0061	LABUR SUB-SYSTEMS		1.3330		
5	IN IN	000-0011	CAR STO DE LOT SON W SERVICE DE LA				
5	IN	300-1270 300-1900	CAP 270 PF 10% 500 V CERAMIC DISC		11.0000	EACH	
5	IN		CAP .05 UF +80-20% 12 V CERAMIC D	EC 9140	24.0000	EACH	
5	IN	300-1930 300-1931	1 UF 50V +80-20% CERAMIC CAPINIFRO		67.0000	EACH	
5	IN	300-1931		EC 9 140	50.0000	EACH	
5	PFS	330-1011-48		EC 9140	21.0000	EACH	
6		330-1011-48	RES 10 OHM 1/4W 5% FIXED COMP RES 10 OHM 1/4W 5% FIXED COMP	EC9140	22.0000 1.0000	EACH FACH	
5	PFS	330-3018-48	RES 1.8K OHM 1/4W LOT FIXED COMP		8.0000	EACH	
6		330-3018	RES 1-8K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
_			RES 1.8K OHM 1/4W 10% FIXED COMP RES 1.8K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	PFS	330-3022-4B		EC 9140	8.0000	EACH	
6	FS *	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	PFS	330-3047-48	RES 4.7K OHM 1/4W 10% FIXED COMP RES 4.7K OHM 1/4W 10% FIXED COMP		2.0000	EACH	
6	FS *	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	IN	375-1050	TRANSISTOR SPS6551		11.0000	EACH	
5	IN	376-0002	IC 7400N 4 2 IN POS NAND GATE		4.0000	EACH	
5	IN	376-0003	TRANSISTOR SPS6551 IC 7400N 4 2 IN POS NAND GATE IC 7410N 3 3 IN POS NAND GATE		2.0000	EACH	

ASSEMBLY PART NUMBER 177-9232- --ASSEMBLY DESCRIPTION 5505-1 MASTER

POS IT ION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	IML
5	IN	376-0006	IC 7474N 2 D EDGE TRIG FLIP-FLOP IC 7442N 4 LINE-10 LINE DECODER IC 7404N HEX INVERTER IC 7486N 4 2 IN EXCLUSIVE OR GATE IC 74180 8 BIT ODD/EVEN PARITY GEN IC 7408 4 2 IN POS AND GATE IC 74154 1 OF 16 DECODER DEMX E7758 IC 7432 4 2 IN OR GATE IC 74367 HEX BUFFER IC 75322 2 TTL TO MOS DRIVER IC 74L5245 8 BUS TRANS M/TR ST OUTP IC 74L5244 OCTUAL BUF/LINE DR 3 CUT IC 24 PIN SOCKET BURNDY IC 18 PIN SOCKET 7310 PCB 114 MEMORY BD.	FC 9 1 4 0	2 0000	EACH	
5	I N	376-0008	IC 7442N 4 LINE-10 LINE DECODER	207140	1 0000	EACH	
5	IN	376-0010	IC 7404N HEX INVERTER		1.0000	EACH	
5	IN	376-0036	IC 7486N 4 2 IN EXCLUSIVE OR GATE		1-0000	EACH	
5	IN	376-0050	IC 74180 8 BIT ODD/EVEN PARITY GEN		1.0000	EACH	
5	IN	376-0081	IC 7408 4 2 IN POS AND GATE		1-0000	EACH	
5	IN	376-0090	1C 74154 1 OF 16 DECODER DEMX E7758		1.0000	EACH	
5	IN	376-0093	IC 7432 4 2 IN OR GATE	FC 9 1 4 0	4-0000	EACH	
5	IN	376-0176	IC 74367 HEX BUFFER		1.0000	EACH	
5	IN	376-0178	IC 75322 2 TTL TO MOS DRIVER		6.0000	EACH	
5	IN	376-0285	IC 74LS245 8 BUS TRANS W/TR ST OUTP		1.0000	EACH	
5 5	IN	376-0288	IC 74LS244 OCTUAL BUF/LINE DR 3 OUT		6.0000	EACH	
5 5	IN	376-9003	IC 24 PIN SOCKET BURNDY	EC 9140	5.0000	EACH	
5	IN	376-9014	IC 18 PIN SOCKET		99.0000	EACH	
,	IN	510-7310	7310 PCB 114 MEMORY BD.		1.0000	EACH	
4		377 6717					
7	D EC	377-0314	TH54050 RAM 4K (18 P[N]	EC 9050	99.0000	EACH	
<b>*</b> 5	F F3	370-2219-K4	EVENT HANDLER CHIP #1	EC9343	1.0000	EACH	
•	гэ	311-0311	2708 INTEL PRCM	EC9343	1.0000	EACH	
4	PES	378-2220-R4	THS4050 RAM 4K (18 PIN) EVENT HANDLER CHIP #1 2708 INTEL PRCM  EVENT HANDLER CHIP #2 2708 INTEL PROM				
5	FS	377-0317	2708 INTEL DOOM	EC 9343	1.0000	EACH	
	, •	211 0321	2700 INTEL PROM	EC9343	1.0000	EACH	
3	IN *	210-7316	7316 PCB ASSY PS REGULATOR BD		1 0000	EACH	
4	IN	000-0001	LABOR SUB-SYSTEMS		2 5770	CACH	
4	IN	000-0011	LABOR QUALITY CONTROL		5150		
4	IN	300-1900	CAP .05 UF +80-20% 12 V CFRAMIC D	FC 8605	4 0000	EACH	
4	IN	300-1903	CAP .01 UF +80-20% 25 V CERAMIC D	20000	1.0000	EACH	
4	IN	300-1915	CAP .0056 UF 208 500 V CERANIC DISC	EC8605	1.0000	EACH	
•	[ N	300-2210	CAP .1 UF 10% 100 V MYLAR	200007	1.0000	EACH	
•	IN	300-3054	3K MF 20V ELECTROLYTIC CAPACITOR		1.0000	EACH	
4	IN	300-4000	CAP 1.0 UF 35 V 10% TANT AXIAL		2.0000	EACH	
*	IN	300-4008	CAP .33 UF 35 V 10% TANT AXIAL		2.0000	EACH	
4	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL		2.0000	EACH	
4	IN	300-4032	CAP 10.0 UF 35 V 10% TANT AXIAL		2.0000	EACH	
5	PFS	330-2010-48	RES 100 OHM 1/4W 10% FIXED COMP		3.0000	EACH	
י	12 *	330-2010	2708 INTEL PROM  7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERAMIC D CAP .01 UF +80-20% 25 V CERAMIC D CAP .0056 UF 20% 500 V CERAMIC DISC CAP .1 UF 10% 100 V MYLAR 3K MF 20V ELECTROLYTIC CAPACITOR CAP 1.0 UF 35 V 10% TANT AXIAL CAP .33 UF 35 V 10% TANT AXIAL CAP 15.0 UF 20 V 10% TANT AXIAL CAP 15.0 UF 35 V 10% TANT AXIAL CAP 10.0 UF 35 V 10% TANT AXIAL RES 100 OHM 1/4W 10% FIXED COMP RES 100 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
4	PEC	330-2022-49-	955 220 DUM 1444 107 STUTE COUR				
· 5	F S #	330-2022-40-	RES 220 OHM 1/4W 10% FIXED COMP RES 220 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
-	, ,	330-2022	KES 220 OHM TAM TOR LIXED COMP		1.0000	EACH	
4	PFS	330-2047-48	RES 470 OHM 1/4N 104 EIVED COND		2 2222		
5	FS *	330-2047	RES 470 OHM 1/4H 10% FIXED COMP		3.0000	EACH	
			TO THE STATE OF TEACH COMP		1.0000	EACH	
4_	PFS	330-2068-48	RES 680 OHM 1/4W 10% FIXED COMP	FC8605	1 - 0000	FACH	
5	FS *	330-2068	RES 470 OHM 1/4W 10% FIXED COMP RES 470 OHM 1/4W 10% FIXED COMP RES 680 OHM 1/4W 10% FIXED COMP RES 680 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
4						2 - 01	
<b>7</b>	P + 5	330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
,	L2 ★	23U-3UIU	KES IK OHM 1/4W 10% FIXED COMP		1.0000	EACH	
4_	PFC	330-3015-48	RES 1.5K OHM 1/4W 10% FIXED COMP RES 1.5K OHM 1/4W 10% FIXED COMP		_		
5	FS +	330-3015	RES 1 SK ONM 1/4W LOW FIXED COMP	EC8605	1.0000	EACH	
			WES TOOK OUR TAM TOR LIXED COMB		1.0000	EACH	

MATERIAL AS OF RUN DATE: 10/11/78 MB0080-A MULTI-LEVEL BILL OF

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ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	IML
4 5	PFS +	330-3016-48 330-3016	RES 1.8K OHM 1/4W 10% FIXED COMP RES 1.8K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
			RES 2.2K OHM 1/4W 10% FIXED COMP RES 2.2K OHM 1/4W 10% FIXED COMP				
5	FS +	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	PFS +	330-3023-48 330-3023	RES 2.2K OHM 1/4W 5% FIXED COMP RES 2.2K OHM 1/4W 5% FIXED COMP		2.0000 1.0000	EACH	** 100
			RES 2.7K OHM 1/4W 10% FIXED COMP RES 2.7K OHM 1/4W 10% FIXED COMP				
7	F2 ±	330-3027	RES 2.7K UHM 1/4W 10% FIXED COMP		1.0000	EACH	The same
5	P FS IN *	330-3028-48 330-3028	RES 2.7K OHM 1/4W 5% FIXED COMP RES 2.7K OHM 1/4W 5% FIXED COMP		1.0000 1.0000	EACH	
			RES 3.3K OHM 1/4W 10% FIXED COMP RES 3.3K OHM 1/4W 10% FIXED COMP				
5	PFS FS *	330-3047-48 330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		2.0000	EACH	
4 5	P FS	330-3068-48	RES 6.8K OHM 1/4W 10% FIXED COMP RES 6.8K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	P FS FS *	330-4010-48 330-4010	RES 10K OHM 1/4W 10% FIXED COMP RES 10K OHM 1/4W 10% FIXED COMP		2.0000	EACH	
			RES 18K OHM 1/4W 5% FIXED COMP RES 18K OHM 1/4W 5% FIXED COMP				
<b>4</b> 5	PFS FS*	330-5010-48 330-5010	RES 100K OHM 1/4W 10% FIXED COMP RES 100K OHM 1/4W 10% FIXED COMP		1.0000	EACH EACH	No. of Contract of
			120K OHM 1/4W 100/0 4 RES W/OFF-70 120K OHM 1/4W 100/0 4 RES W/OFF-70				
	F3 <del>+</del>	330-3012	12 OK OHM 174M 100/U 4 KEZ MYOFF-16		1.0000	EACH	the war said t
4	IN	331-2068 331-3022	680 OHM 1/2W 10% RESISTOR W/OFF-76 RES 2.2K OHM 1/2W 10% FIXED COMP RES 820 OHM 1W 10% FIXED COMP RES 1.2K OHM 1W 10% FIXED COMP RES 1.5K OHM 1W 10% FIXED COMP DISC 3 OHM 1W W RESISTOR 7.5 OHM 7W 5% RESISTOR RES .050 OHM 3W 3% WW NON-IND RES 1K OHM VAR TRIM SIDE ADJ SQ RES 150 OHM 2W 10% FIXED COMP IC REG UA 7905 -5V TO-220 IC REG UA 7912 -12V TO-3 TRANSISTOR 2N6387 (PLASTIC) TRANSISTOR RCA8203A (PLASTIC) MICA INSUL#DF103B FOR 375-1034/1039	EC8605	1.0000	EACH	
4	IN	332-2082	RES 820 OHM 1W 10% FIXED COMP		1.0000	EACH	
4	IN	332-3012	RES 1.2K OHM 1W 10% FIXED COMP		1.0000	EACH.	-
4	IN	332-3015	RES 1.5K OHM 1W 10% FIXED COMP	EC8605	1.0000	EACH	
4	IN	334-0012	DISC 3 OHM 11 W RESISTOR		1.0000	EACH	
4	IN	334-0025	7.5 OHM 7W 5% RESISTOR	FC 8/0-	1.0000	EACH	
4	1 N	334-1014	RED AUDU UMM SW 5% WW NUN-IND	EC 8605	2.0000	EACH	
4	I N	337-2015	REC ISO OHM ON 108 STYED COMB		3.0000	EACH	
4	IN	374-0002	TC REG UA 7905 -5V TO-220		1.0000	FACH	
4	ĪN	374-0006	IC REG UA 7912 -12V TO-3		1.0000	FACH	
4	IN	375-1052	TRANSISTOR 2N6387 (PLASTIC)	PATRE	2.0000	FACH	
4	ĹΝ	375-1053	TRANSISTOR RCA8203A (PLASTIC)	PATREL	1.0000	FACH	
4	T N	375-0014	MICA INCH MOETOZO EGO 375-1036/1030	CC040E	5 0000	E4.011	

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ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

POSITION IN STRUCTURE	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY			- · •
4	IN	376-0066	IC 723 VOLTAGE REGULATOR		3.0000	E I FU	····	-
4	ΙN	376-0240	IC 1 M230 4 COMBADATOR	OA TOCI	3.0000			
į.		380-0000-48	48 CERMANTIN DIONE	PAIREL	2.0000			
`5	FS	380-0000-R	CERMANTUM DIODE / 200 DEEL	PAIREL	4.0000			
•	, ,	300-0000-K	IC 723 VOLTAGE REGULATOR IC LM339 4 COMPARATOR .48 GERMANIUM DIODE GERMANIUM DIODE (.200 REEL)		1.0000	EACH		
4	PFS +	380-1001-48				EACH		
5	FS	380-1001-R	DO35 SIL DIODE 30V. 100MA AT 1V .48	. 77.	1.0000	EACH		
4	IN	380-2048	DIO ZEN IN523OC 4.7V 500MW S DO-7 OIO ZEN IN5241C 11.0V 500MW S DO-7 DIO ZEN 1N4743 13.0V 1 W S D041		7.0000	FACH		
4	IN	380-2111	010 ZEN IN5241C 11.0V 500MW S DO-7		1-0000	FACH		
4	IN	380-2113	DIO ZEN 1N4743 13.0V 1 W S DO41		1.0000	FACH		
4	IN	380-3008		PATREL				
4	I N	478-0421		ELBTVE	1.0000			
4	ĪÑ	510-7316	7316 PCB PS REGULATOR BD		1.0000			
4	IN	650-3080						
i i	İN	650-3131	6-32 X 3/8 NYLON COVERED FIL HD SLT	EC 84.05		EACH		
•	114	000-3131	8-35 x 3/8 MATOM COACKED LIE MD 2F1	EC8605	5.0000	EACH		
3	IN	210-7412-A	PCA 114 HORIZONTAL SCROLL CRT/CPU PCA 114 HORIZONTAL SCROLL CRT/CPU CAP 47 PF 10% 500 V CERAMIC DISC CAP 150 PF 10% 500 V CERAMIC DISC CAP 220 PF 10% 500 V CERAMIC DISC CAP 270 PF 10% 500 V CERAMIC DISC CAP 470 PF 10% 500 V CERAMIC DISC CAP 470 PF 10% 500 V CERAMIC DISC CAP 680 PF 10% 500 V CERAMIC DISC CAP -05 UF +80-20% 12 V CERAMIC D CAP -01 UF +80-20% 12 V CERAMIC D -1 UF 50V +80-20% CERAMIC CAP(HIFRQ 1 UF CERAMIC CAPACITOR(HIGH FREQ) CAP -47 UF 35 V 10% TANT AXIAL CAP 15-0 UF 20 V 10% TANT AXIAL CAP 15-0 UF 20 V 10% TANT AXIAL CRYSTAL 2-4576 5 % QUARTZ HC-18/U RES 10 OHM 1/4W 10% FIXED COMP RES 10 OHM 1/4W 5% FIXED COMP	EC 9735	1.0000	EACH		
4_	IN	209-7412	PCA 114 HORIZONTAL SCROLL CRT/CPU	•	1.0000	EACH		
5	IN	300-1047	CAP 47 PF 10% 500 V CERAMIC DISC		3.0000	EACH		
5	IN	300-1150	CAP 150 PF 10% 500 V CERAMIC DISC		2.0000	EACH		
5	IN	300-1220	CAP 220 PF 10% 500 V CERAMIC DISC		1.0000	EACH		
5	IN	300-1270	CAP 270 PF 10% 500 V CERAMIC DISC		2.0000	EACH		
5	IN	300-1470	CAP 470 PF 10% 500 V CERAMIC DISC		1.0000	EACH .		
5	IN	300-1680	CAP 680 PF 10% 500 V CERAMIC DISC		1.0000	EACH		
5	IN	300-1900	CAP .05 UF +80-20% 12 V CERAMIC D		74.0000	EACH		
5	IN	300-1903	CAP -01 UF +80-20% 25 V CERAMIC D		1.0000	FACH		
5	IN	300-1930	-1 UF 50V +80-20% CERAMIC CAPIHIFRO		6-0000	FACH		
5	IN	300-1931	L UF CERAMIC CAPACITORIHIGH FRED)		6.0000	EACH		
5	IN	300-4001	CAP .47 UF 35 V 10% TANT AXIAL		1.0000	FACH		
5	IN	300-4018	CAP 18-0 UF 15 V 10% TANT AXIAL		1.0000	FACH		
5	IN	300-4022	CAP 15-0 UF 20 V 10% TANT AXIAL		9.0000	EACH		
5	IN	321-0018	CRYSTAL 17-1 5 % QUARTZ HC-18/II		1.0000	- FYCH		
5	IN	321-0027	CRYSTAL 2-4576 5 % QUARTZ HC-18/U		1.0000	EACH		
5	PFS	330-1010-48	RES 10 DHM 1/AM 10% ELYED COMP		1 0000	EACH		
6	FS #	330-1010	RES 10 DHM 1/AH 104 FIXED COMP		1.0000	EACH		
		330 1010	NES TO ONE THE TOTAL COMP		1.0000	EAUT		
5	PFS	330-1011-48	RES 10 OHM 1/4W 5% FIXED COMP		2.0000	EACH		
6	FS +	330-1011	RES 10 OHM 1/4W 5% FIXED COMP		1.0000			
5	P FS	330-1033-48	RES 33 OHM 1/AW 108 FIXED COMP		1 0000	··· EXPU		
6		330-1033	RES 33 OHM 1/4W 10% FIXED COMP RES 33 OHM 1/4W 10% FIXED COMP		1.0000	EACH		
	• • •		NES SS CITE LYAN ING VINES COM		1.0000	- ENGIN		
5	PFS	330-2010-48	RES 100 OHM 1/4W 10% FIXED COMP		2.0000	EACH		
6	FS *	330-2010	RES 100 DHM 1/4W 10% FIXED COMP		1.0000			
5	P FS	330-2018-48	DEC 180 OUM 1/AH 100 ELVED COMO		1 0000	C.C.		
<b>_</b> 6	-	330-2018-48			1.0000			
J	r3 <b>+</b>	JJU-2010	RES 180 OHM 1/4W 10% FIXED COMP		1.0000	EACH		
5	PFS	330-2022-48	RES 220 OHM 1/4W 10% FIXED COMP		1.0000	EACH		
6	FS *	330-2022			1.0000			
			= · · · · · · · · · · · · · · · · ·		_ ,			

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ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

		COMPONENT PART NUMBER			QUANTITY PER ASSY	U/M IML
5	# FS	330-2033-48	DEC 330 DUM 1/AU TOR CIVED COMP			
6	FS *	330-2033	RES 330 OHM 1/4W 10% FIXED COMP RES 330 OHM 1/4W 10% FIXED COMP		4-0000	EACH
•		330 2033	WES SOO DING TAM TOT LIVED COMA		1.0000	EACH
5	P FS	330-2039-48	RES 390 DHM 1/AW 107 FIVED COMP		1 0000	FACIL
6	FS +	330-2039	RES 390 OHM 1/4W 10% FIXED COMP RES 390 OHM 1/4W 10% FIXED COMP		1.0000	EACH
						EACH
5	P FS	330-2047-4B	RES 470 OHM 1/4W 10% FIXED COMP RES 470 OHM 1/4W 10% FIXED COMP		E 0000	EACH
6	FS *	330-2047	RES 470 OHM 1/4W 10% FIVED COMP		1 0000	EACH
						EAUN
5	PFS	330-2056-48	RES 560 DHM 1/4W 10% FIXED COMP RES 560 DHM 1/4W 10% FIXED COMP		1.0000	EACH
6	FS *	330-2056	RES 560 DHM 1/4W 10% FIXED COMP		1.0000	EACH
						EACH
5	P FS	330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP		2-0000	EACH
6	FS *	330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH
• • • • • • • • • • • • • • • • • • • •					1.0000	CACH
5	PFS	330-3022-48	RES 2-2K OHM 1/4W 10% FIXED COMP RES 2-2K OHM 1/4W 10% FIXED COMP		44-0000	EACH
6	FS.*	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP	•	1.0000	EACH
						2.7.0.7
5	P FS	330-3047-48	RES 4.7K OHM 1/4W 10% FIXED COMP RES 4.7K OHM 1/4W 10% FIXED COMP		9.0000	EACH
6	FS *	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH
_			The state of the s			
5	PFS	330-4010-4B	RES 10K OHM 1/4W 10% FIXED COMP		6.0000	EACH
6	FS *	330-4010	RES 10K OHM 1/4W 10% FIXED COMP RES 10K OHM 1/4W 10% FIXED COMP		1.0000	EACH
5	PFS	330-4018-4B	RES 18K OHM 1/4W 10% FIXED COMP RES 18K OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	F5 *	330-4018	RES 18K OHM 1/4W 10% FIXED COMP		1.0000	EACH
•					*** ** ** *****	
5	P F5	330-4039-48	RES 39K OHM 1/4W 10% FIXED COMP RES 39K OHM 1/4W 10% FIXED COMP		3.0000	EACH
0	F2 #	330-4039	RES 39K OHM 1/4W 10% FIXED COMP		1.0000	EACH
-5	- NE	337.2027.40	APPENDING			
6	F F 5	330-4047-48-	RES 47K UHM 1/4W 10% FIXED COMP		1.0000	EACH
		330-4041	RES 47K OHM 1/4W 10% FIXED COMP RES 47K OHM 1/4W 10% FIXED COMP		1.0000	EACH
5 5 5 5 5	TN	331-1010	DEC 10 044 1/34 105 51450 5040			
	· Ť Ň · ·	331-1076	DEC TE OUM 1/2W 10% FIXED CUMP		1.0000	EACH
Ś	T N	336-1001	DEC 14 OHM VAR TREM TOO ANA OR		1.0000	EACH
- 5		375-1021	TCTD DIKION IN THE LUP AUJ KU		1.0000	EACH
5	IN	375-1050	TRANSISTOR SPEASE		1.0000	EACH
-5	IN	375-9001	TRANSIDAD AG77887-1 LADGE		3.0000	EACH
5	IN	376-0002	IC 7400N 4 2 IN DOS NAND CATE		7.0000	CACH
5	IN	376-0003	IC 7410N 3 3 TN POS NAND GATE		3 0000	EACH EACH
5	IN	376-0004	IC 7420N 2 4 IN POS NAND GATE		1.0000	EACH
5	IN	376-0006	IC 7474N 2 D EDGE TRIG FI IP-FI OP		5.0000	EACH
5 5 5 5 5 5 5 5	IN	376-0007	RES 47K OHM 1/4W 10% FIXED COMP RES 47K OHM 1/4W 10% FIXED COMP RES 10 OHM 1/2W 10% FIXED COMP RES 75 OHM 1/2W 5% FIXED COMP RES 1K OHM VAR TRIM TOP ADJ RD TSTR 2N5189 1.0W 60V SH NPN S TRANSISTOR SPS6551 TRANSIPAD 8977887-1 LARGE IC 7400N 4 2 IN POS NAND GATE IC 7410N 3 3 IN POS NAND GATE IC 7420N 2 4 IN POS NAND GATE IC 7420N 2 4 IN POS NAND GATE IC 7476N 2 JK MA-SLV F/F PRST CLEAR IC 7442N 4 LINE-10 LINE DECODER IC 7451N EXP 2 W 2 IN AND OR INV GT IC 7402N 4 2 IN POS NOR GATE IC 7404N HEX INVERTER		1-0000	EACH
5	IN	376-0008	IC 7442N 4 LINE-10 LINE DECODER		1.0000	EACH
5	IN	376-0010	IC 7404N HEX INVERTER		5.0000	EACH
5 5 5 5 5	IN	376-0012	IC 7451N EXP 2 W 2 IN AND OR INV GT		1.0000	EACH
5	IN	376-0016	IC 7402N 4 2 IN POS NOR GATE		2.0000	EACH
5	IN	376-0045	IC 74HO4N HEX INVERTER		1.0000	EACH
. <b>5</b>	IN	376-0049	IC 74155 2 2-4 LINE DECODER DEMX		1.0000	EACH
5	IN	376-0059	IC 7495 4 BIT R L SHIFT REGISTER		2.0000	EACH
5	IN	376-0081	IC 7402N 4 2 IN POS NOR GATE IC 7404N HEX INVERTER IC 74155 2 2-4 LINE DECODER DEMX IC 7495 4 BIT R L SHIFT REGISTER IC 7408 4 2 IN POS AND GATE		4.0000	EACH

ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

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POSITION IN	LEGEND	C OH PONENT	DESCRIPTION  TC 74157 4 2 IN MX  IC 74154 1 OF 16 DECODER DEMX E7758  TC 7432 4 2 IN OR GATE  IC 74161 SYNCHRONOUS 4 BIT COUNTER  IC 74174 HEX D TYPE FLIP FLOP  IC 9602 2 RETRIG RESET MONOSTBL MVB  IC 74175 4 D TYPE EDGE TRIG F/F  IC 7427 3 3 IN NOR GATE  IC 555 TIMER  IC 745175 4 D TYPE EDGE TRIG F/F  IC 74367 HEX BUFFER  IC 74367 HEX BUFFER  IC 74367 HEX BUFFER  IC 74173 4 BIT D TYPE REG 3 STATE  IC 74173 4 BIT D TYPE REG 3 STATE  IC 74173 4 BIT D TYPE REG 3 STATE  IC 74173 4 BIT D TYPE REG 3 STATE  IC 74173 4 BIT D TYPE REG 3 STATE  IC 74173 4 BIT D TYPE REG 1 STATE  IC 74504 HEX INVERTER  IC 74504 HEX INVERTER  IC 74508 4 2 IN POS NOR GATE  IC 74508 4 2 IN POS NOR GATE  IC 745374 2 D TYPE F W PRESET CLER  IC 745257 4 2-1 LINE DATA SELC MX  IC 74532 4 2 IN POS NAND GATE  IC 745324 2 IN POS NAND GATE  IC 745324 2 IN POS NAND GATE  IC 745324 8 LATCHES W/TR ST OUTP  IC 74LS374 8 LATCHES W/TR ST OUTP  IC 74LS373 OCTL D-TYP LATCHES SCHTT  IC 14 PIN SOCKET BURNDY  IC 40 PIN SOCKET BURNDY  IC 40 PIN SOCKET BURNDY  7412 PCB HORIZONTAL SCROLL CRT/CPU  CONN HEADER 3 .100 IROW 90D PIN  TMS4050 RAM 4K (18 PIN)  Z80 PIO 40 PIN I.C.	ECN	QUANTITY PER ASSY	U/M	IML
STRUCTURE	1 2 3	PART NUMBER			PER ASSY		• • • • • • •
5	1 N ····	376-0082	"TE 74137 4"5"YATAV"""		4 0000	EACH	The state of the s
Ś	TN	376-0090	10 74154 1 OF 14 DECORED DENV 57760		1.0000	CACH	
<del></del>	TN.	376-0003-	"TE 7417 1 OF 10 DECODER DEMA E1770		2.0000	EACH	The second control of the development of the second control of the
Ŕ	7 14	376-0095	IC 74141 CANCEDONOUS 4 DIT COUNTED		7.0000	EACH	
	PAI	376-0074	TO TAIDE STACKANDOS & DEE COUNTER		7.0000	EACH	
	2 10	370-0076	IC 14114 HEX D TYPE FLIP FLUP		3.0000	EACH	
	14	376-0104	IC 9602 2 KEIKIG KESEI MUNUSIBL MVB		2.0000	EACH	
2	IN	376-0119	IC 74175 4 D TYPE EDGE TRIG F/F		3.0000	EACH	
	IN	3/6-0125	IC 7427 3 3 IN NOX GATE		1.0000	EACH	
2	1 M	376-0126	IC 555 TIMER		1.0000	EACH	
5	IN	376-0160	IC 74LS175 4 D TYPE EDGE TRIG F/F		1-0000	EACH	
5	IN	376-0176	IC 74367 HEX BUFFER		2.0000	EACH	
5	IN	376-0178	IC 75322 2 TTL TO MOS DRIVER		1.0000	EACH	
5	YN	376-0183	TC 74173 4 BIT D TYPE REG 3 STATE		3.0000	EACH	
5	IN	376-0194	IC 7411 3 3 IN POS AND GATE		1.0000	EACH	
5	IN	376-0197	IC 74504 HEX INVERTER		1.0000	EACH	
5	IN	376-0199	IC 74502 4 2 IN POS NOR GATE		2.0000	EACH	
5	TN	376-0200	TC 74508 4 2 IN POS AND GATE		2.0000	FACH	
5	IN	376-0202	IC 74574 2 D TYPE F F W PRESET CLER		1.0000	FACH	
<b>5</b>	IN I	376-0204	IC 741 5257 A 2-1 I THE DATA SELC MY		2 0000	EACH	
5	IN	376-0205	IC 74532 4 2 IN POS OR GATE		2 0000	EACH	
	TN	376-0228	TO 74500 4 2" IN DOC NAND CASE		1 0000	EACH	
ś	T M	376-0238	10 74010 7 2 10 POS NAND CATE		1.0000	EACH	
- <del></del>	ŧ N	376-0295-	IC 741 COAR A RISE TRANC MATE OF OUTD		1.0000	EACH	
É	T N	376-0265-	TO TALESTA O LATCHER WITH CT OUT		1.0000	EACH	
	1.14	376-0280	IC 7415374 B LAICHES W/IK SI UUIP		2.0000	EAUH	
9	1 14	376-0288	IC 7415244 OCTUAL BUF/LINE DR 3 UUT		3.0000	EACH	
	1 14	376-0291	IC MC3437 MEX BUS RCVR W/INPUT HYST		1.0000	EACH	
2	1.4	376-0310	IC 74LSS75 OCIL D-TYP LATCHES SCHIT		2.0000	EACH	
2	IN	376-9001	IC 14 PIN SOCKET SOLDER TAIL		1.0000	EACH	
5	IN	376-9003	IC 24 PIN SOCKET BURNDY		2.0000	EACH	
5	IN	376-9011	IC 40 PIN SOCKET BURNDY # DILBZ40P1		2.0000	EACH	
5	IH	376-9014	IC 18 PIN SOCKET		10.0000	EACH	
5	IN	376-9015	IC 28 PIN SOCKET BURNDY		-1000	EACH	
5	IN	510-7412	7412 PCB HORIZONTAL SCROLL CRT/CPU		1.0000	EACH	
5	IN	654-0132	CONN HEADER. 3 .100 IROW 90D PIN		1.0000	EACH	
	uc	377-0314	THC/050 DAM /// /10 01/11				
	WC	377-0314	TM54050 RAM 4K (18 PIN)		10.0000	EACH	
•	IN	3//-0342	280 PIO 40 PIN I.C.		1.0000	EACH	
. •	IN	377-0343	Z80 CTC 28 PIN I.C.		1.0000	EACH	
4	1 N	377-0344	Z80 CPU 40 PIN I.C.		1.0000	EACH	
4.	PFS	378-2216	114 CRT CHARACTER PROM(114)		1.0000	EACH	
-4 4 4 5	FS	377-0317	TMS4050 RAM 4K (18 PIN) Z80 PIO 40 PIN I.C. Z80 CTC 28 PIN I.C. Z80 CPU 40 PIN I.C. 114 CRT CHARACTER PROM(114) 2708 INTEL PRCM		1.0000	EACH	
3	YA ±	270-0448	114 CHASSIS ASSY 60 HZ SUB-SYSTEMS LABDR QUALITY CONTROL 7315 P.C. ASSY SYSTEM 114 MB LABOR SUB-SYSTEMS LABOR QUALITY CONTROL RES .006 OHM 3W 5% MW NON-IND 225-21521-110 PC CONN SOLDER TYPE 225-22221-110 SOL TYPE 44 POS P.C.CONN SOLDER TYPE(CINCH)		1 0000	EACH	
-	14 -	000-0004	CIIR_CVCTEMC		E 5000	EACH	
4	Y N	000-0007	JOU- SISIEMS LARDO CHALTTY CONTROL		7.7000	EALH	
4	1.4	210-7316	TALE O C. ACCY CYCTCH 11/ HO		1.1000	FA C	
<b>4</b> 5	1 14	210-1313	IDID POLO ASST STSTEM 114 MB		1.0000	EACH	
7 e	Į N	000-0001	LABUK SUB-SYSTEMS		.7500		
5	IN	000-0011	LABOR QUALITY CONTROL		•1500		
5	IN	554-0031	KES .006 OHM 3W 5% WW NON-IND	EC 8470	1.0000	EACH	
5	IN	350-0011	225-21521-110 PC CONN SOLDER TYPE		6.0000	EACH	
	7 44	360-0031	225 2221 110 COL YVOT		/ 2222		
<b>5</b> 5	T M	350-0021	223-22221-110 SUL 14PE		6.0000	FALH	

MBOOBO-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN DATE: 10/11/78

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ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

PCSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION	E C N	QUANTITY U/M IML PER ASSY
5	IN	350-1066	CONN 19-34 DC FDCF NT OFCOT	FF 00/7	
		350-1044	CUNN 10-30 PC EDGE MI KECPI	EC 9043	1.0000 EACH
5		350-1045	CONN 25-50 PC EDGE MT RECPT	EC 9043	1.0000 EACH
5	IN	510-7315	7315 P.C. BOARD ASM SYS 114 MB		1.0000 EACH
5	IN	654-1192	CONN 18-36 PC EDGE MT RECPT CONN 25-50 PC EDGE MT RECPT 7315 P.C. BOARD ASM SYS 114 MB TERMINAL, SINGLE NECK PMP 103-M/O-77	EC9043	1.0000 EACH
4	IN	220-0117			
		000 0001	CHD CVCTCHC CADLE AD477-30		2.0000 EACH .1150 EACH
5	7.0	000-0004 ,-	740 AC CONN CABLE A6499-30 SUB-SYSTEMS LABOR QUALITY CONTROL		.1150 EACH
2	114	000-0011	LABUR QUALITY CUNTRUL		.0230
5	F 5	420-1003	PUWER CABLE 3 COND 18 GA W/SVT	EC4968	2.9200 FEET
5	IN	654-1150	SOCKET HOUSING 1-480303-0		1.0000 EACH
5	FS *	654-1163-R	SUB-SYSTEMS LABOR QUALITY CONTROL POMER CABLE 3 COND 18 GA W/SVT SOCKET HOUSING 1-480303-0 SOCKET 20-14 GA(REEL)AMP 61117-4	EC4968	3-0000 EACH
4	IN	220-1099	P053 WIRE & LUG ASSY(928M1)86482-12		1:0000 FACH
5	IN	000-0004	SUR-SYSTEMS		0070 FACH
5	IN	000-0011	SUB-SYSTEMS LABOR QUALITY CONTROL 16 GA YEL STRANDED WIRE 16 GA WHITE STRANDED WIRE		OOLO CACH
5	P FS	600-7004-	14 CA VEL CTRANDED HIDE		•0010
	FS	400-7004	14 CA WHITE CIDANDED HIRE		.5800 FEET
•	гэ	800-1009	10 GA WHITE STRANDED WIKE		1.0000 FEET
5	FS *		SOCKET 20-14 GA(REEL) AMP 61117-4		
4	IN	220-1221	114 COAX CABLE ASSY B6482-295	EC 9384	1.0000 FACH
5	FS	420-0061	RG-174/U COAXIAL CABLE		1-1660 FEET
5		600-2000	WIRE 24 GA BLACK III		FOOD TEET
6	FS	600-2009	RG-174/U COAXIAL CABLE WIRE 24 GA BLACK UL WIRE 24 GA WHITE UL		1.0000 FEFT
_			The state of the s		
5	FS	605-0123	SHRINK TUBING TYPE RNF 3/16 ID BLK		.1660 FEET
5	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6		2.0000 EACH
5	IN	654-0103	.025 KEYING PLUG AMP 8707-2		1.0000 EACH
5	IN	654-0105	SHRINK TUBING TYPE RNF 3/16 ID BLK 30-26 GA CRIMP SNAP CONT AMP85967-6 .025 KEYING PLUG AMP 8707-2 CONN HSG 3 .100 IROM	• .	1.0000 EACH
4	IN	220-1223	AC CABLE 114  16 GA BLACK STRANDED WIRE 16 GA WHITE STRANDED WIRE	.EC00/23	T. DANA - FEFT
5	PFS	600-7000	AC CA DI ACK STRANDED URDE	EC9043	1.0000 EACH
6	FS	100 7000	10 GA DEACK STRANDED WIKE		1.3300 FEET
0	гэ	600-7009	TO ON MULLE 2 INDUDED MIKE		1.0000 FEET
5	FS FS	600-7009	16 GA WHITE STRANDED WIRE #3 CLEAR TUBING TUBING.3/8 ID HEATSHRINK TERMINAL FASTON .250X.032 PQ14R258M		1.3300 FEET
5	FS	605-0015	#3 CLEAR TUBING		1.0000 FEET
5	FS	605-0132	TUBING.3/8 ID HEATSHRINK		1600 FFFT
5	FS	654-0084-R	TERMINAL FASTON -250X-032 PO14R258M		2-0000 FACH
•	_				
4	IN	270-0551	HEATSINK & HARNESS ASSY 6840-18 SUB-SYSTEMS LABOR QUALITY CONTROL HEATSINK HARNESS(928M1)D6482-117 SUB-SYSTEMS		1.0000 EACH
5	IN	000-0004	SUB-SYSTEMS		-4820 FACH
5	IN	000-0011	LABOR QUALITY CONTROL		.0960
5	IN	270-3063	HEATSINK HARNESS (928M1)D6482-117		1" NORD "EACH
6	ĪN	000-0004	SIIR-SYSTEMS		.1330 EACH
6	IN	000-0011	LARGE CHALLTY CONTOCH		.0270
6	PFS	600-0003	WIDE 19 CA DED III	EC 0 300	•UZIU
7	F F S	600-0002	WING 10 CA HUITE III	CC8289	1.4200 FEET
,	4.2	000-0009	SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 18 GA RED UL WIRE 18 GA WHITE UL		1.0000 FEET
6	PFS	600-6004	14 GA YELLOW STRANDED WIRE 14 GA WHITE STRANDED WIRE	EC8289	1.0420 FEET
7	FS	600-6009	14 GA WHITE STRANDED WIRE		1.0000 FEET
					2 ** ******** ** * ***** ***
6	P FS	600-6006	14 GA BLUE STRANDED WIRE	EC8583	1.7500 FEET
					the state of the s

ASSEMBLY PART NUMBER 177-9232- -- ASSEMBLY DESCRIPTION 5505-1 MASTER

## LEGEND

7 6 6 6 6 6 6 6 6	1 2 3 FS FS FS FS IN IN FS *	COMPONENT PART NUMBER 600-6009 600-6009 605-0014 605-0015 605-1004 654-1148 654-1149 654-1163-R 654-1164-R	14 GA WHITE STRANDED WIRE 14 GA WHITE STRANDED WIRE TUBING #5 CLEAR #3 CLEAR TUBING CABLE TYE, PAN-TY PLTIM-M SOCKET HOUSING 1-480318-0	. ма.,	PER ASSY	FEFT		
6 6 6 6 6 6 6	FS FS FS IN IN FS *	600-6009 600-6009 605-0014 605-0015 605-1004 654-1148 654-1163-R 654-1164-R	14 GA WHITE STRANDED WIRE 14 GA WHITE STRANDED WIRE TUBING #5 CLEAR #3 CLEAR TUBING CABLE TYP, PAN-TY PLTIM-M SOCKET HOUSING 1-480318-0 PIN HOUSING 1-480305-0	EC 8 2 8 9 EC 9 0 0 6 EC 9 0 0 6	1.0000	FEET		-
6 6 6 6 6 6 5	FS FS FS IN IN FS *	600-6009	14 GA WHITE STRANDED WIRE TUBING #5 CLEAR #3 CLEAR TUBING CABLE TYE, PAN-TY PLTIM-M SOCKET HOUSING 1-480318-0 PIN HOUSING 1-480305-0	EC 8289 EC 9006 EC 9006	1.4200 .2100 .2100	FEET		-
6 6 6 6 6 6 5	FS FS FS IN IN FS *	605-0014 605-0015 605-1004 654-1148 654-1149 654-1163-R 654-1164-R	TUBING #5 CLEAR #3 CLEAR TUBING CABLE TYE, PAN-TY PLTIM-M SOCKET HOUSING 1-480318-0 PIN HOUSING 1-480305-0	EC 9006 EC 9006	.2100 .2100	FEET		
6 6 6 6 6	FS FS IN IN FS # FS #	605-0015 605-1004 654-1148 654-1149 654-1163-R - 654-1164-R -	#3 CLEAR TUBING CABLE TYE, PAN-TY PLTIM-M SOCKET HOUSING 1-480318-0 PIN HOUSING 1-480305-0	EC 9006	.2100 .2100	FEET		
6 6 6 6 5	FS IN IN FS + FS +	605-1013 605-1004 654-1148 654-1149 654-1163-R 654-1164-R	CABLE TYE, PAN-TY PLTIM-M SOCKET HOUSING 1-480318-0 PIN HOUSING 1-480305-0	EC 9006	.2100			
6 6 6 5	IN IN FS * FS *	654-1148 654-1149 654-1163-R 654-1164-R	SOCKET HOUSING 1-480318-0 PIN HOUSING 1-480305-0			FEET		
6 6 6 5	IN FS + FS +	654-1149 654-1163-R 654-1164-R	SUCKET HOUSING 1-480318-0 PIN HOUSING 1-480305-0		3.0000	EACH		
6 6 5 5	FS + FS +	654-1163-R 654-1164-R	PIN HOUSING 1-480305-0		1.0000	EACH		
6 5 5	FS *	654-1163-R 654-1164-R			1.0000	EACH		
5		654-1164-R	SOCKET 20-14 GALREEL)AMP 61117-4		2.0000	EACH	•	
5	T AL		PIN TERM 20-14 GAIREELJAMP 61118-4		3.0000	EACH		
<u> </u>	F 14	375-1048	TSTR 2N5301 200M 40V AP NPN S TO3 INSULATOR XTOR MOUNT WECKESSER TM-1 MICA WSHR (LARGE) FOR POWER X1STORS		1.0000	FACH		
5	[ N	375-9014	INSULATOR XTOR HOUNT WECKESSER TM-1		1.0000	FACH		
	IN	375-9020	MICA WSHR (LARGE) FOR POWER XISTORS		1-0000	FACH		
	ĪN	380-3000	DIO INIZODA 100V 12A RECT S D04 HARDWARE ACCESSORY KIT FOR 380-3000 HEATSINK(928 MASTER)C6840-107 WIRE 14 GA TINNED COPPER BUS (UL)		2.0000	FACH		
5	IN	380-9003	HARDWARE ACCESSORY KIT FOR 380-3000		2.0000	FACH		
5	IN	478-0327	HEATSINK(928 MASTER)C6840-107		7.0000	EACH		
		600-9015	WIRE 14 GA TINNED COPPER RUS (III )		2500	EEET		
		650-3160	6-32 X 1/2 PAN HD DHI MC CC CENC		- 2200 - 2200	FEET		
5	2	652-3004	6-32 X 1/2 PAN HD PHL MS SS SEMS NUT 6-32UNC HEX SMALL PAT SS		2.0000	EACH		
5		653-3000	WASH 6 -14010 -37500 -014 EL CC		Z.0000	CAUN		
5	_	653-3001	WACH & IENTO 20000 INT T CT		2.0000	EACH		
5		654-1006	WASH 6 -149ID .3750D .016 FL SS WASH 6 .150ID .2880D INT T ST #6 GROUND LUG		2.0000	EACH		
	-	051 1000						
4	IN	270-3069	XFMR HARNESS 928M1+2 60HZ C6482-146 SUB-SYSTEMS		1.0000	EACH		
5	IN	000-0004	SUB-SYSTEMS		-1190	EACH		
5		000-0011	LABOR QUALITY CONTROL		0240			
5	IN	410-0111	MMC 5855 CVT 60HZ(M1/M2)C5068-107		1.0000	EACH		
5	FS *	654-0048-R	TERMINAL FASTON .250x.032 PQ18R258M		2-0000	-FACH		
5	FS *	654-1163-R	SUB-SYSTEMS LABOR QUALITY CONTROL MMC 5855 CVT 60HZ(M1/M2)C5068-107 TERMINAL FASTON .250X.032 PQ18R258M SOCKET 20-14 GA(REEL)AMP 61117-4		2.0000	EACH		
4	IN	279-0301	PLUNGER GUIDE ASSEMBLY 6815-51		1-0000	FACH		
5	IN	000-0011	LABOR QUALITY CONTROL		0010			
5	IN	000-0024	LABOR PREP AREA		- 0030	FACH		
5	IN	451-4066	301 MICRO-SW BRACKET C5933-116 12		1-0000	EACH		
5	ΙN	478-0068	301 PLUNGER GUIDE 85933-117 (2		1.0000	EACH		
4	7.41	200 2050	PLUNGER GUIDE ASSEMBLY 6815-51 LABOR QUALITY CONTROL LABOR PREP AREA 301 MICRO-SW BRACKET C5933-116 (2 301 PLUNGER GUIDE B5933-117 (2  124K UF 15V ELECTROLYTIC CAPACITUR 12K UF 50V ELECTROLYTIC CAPACITOR 27000 UF 30V ELECTROLYTIC CAPACITOR 27000 UF 30V ELECTROLYTIC CAP CAP CLAMP 1 3/4"3LUG SC#115-058-13 CAP CLAMP 2 1/2 INCH 3 LUG CAP CLAMP 2 1/2 INCH 3 LUG CAP CLAMP 2 1/16 INCH 3 LUG CAP BOOT FOR #300-3042 GE #614 10 TERMINAL STRIP SWITCH, ROCKER SPST 11SM1 MICRO SWITCH FOR CP-1 PUSH BUTTON RED ALCO#C12 RES 1-2K OHM 1/2W 10% FIXED COMP BNC SOCKET (F) CONN UG1094A			LACI		
4	IN In	200-2020	124K UF 15V ELECTROLYTIC CAPACITUR		1.0000	EACH		
	IN	300-3067	12K UF 50V ELECTROLYTIC CAPACITOR		1.0000	EACH		
4	IN	300-3069	27000 UF 30V ELECTROLYTIC CAP		1.0000	EACH		
7	IN	300-9004	CAP CLAMP 1 3/4"3LUG SC#115-058-13		1.0000	EACH		
4	IN	300-9006	CAP CLAMP 2 1/2 INCH 3 LUG		1.0000	EACH		
4	IN	300-9021	CAP CLAMP C TYPE 2 INCH 2 LUGWOFF74		1.0000	EACH		
4	IN	300-9022	CAP CLAMP 2 1/16 INCH 3 LUG		1.0000	EACH		
4	ΙN	300-9024	CAP BOOT FOR #300-3042 GE #614	EC8654	1.0000	EACH		
4	ΙN	310-0010	10 TERMINAL STRIP		1.0000	EACH		
4	IN	325-0021	SWITCH, ROCKER SPST		1.0000	EACH		
4	IN	325-2305	11SM1 MICRO SWITCH FOR CP-1		1.0000	EACH		
4	1 N	325-9034	PUSH BUTTON RED ALCO#C12		1.0000	FACH		
4	ΙN	331-3012	RES 1.2K OHM 1/2W 10% FIXED COMP		2.0000	FACH		
4	IN	331-3022	RES 2.2K OHM 1/2W 10% FIXED COMP		1.0000	FACH		
4	IN	350-1036	BNC SOCKET (F) CONN UG1094A		1.0000	FACH		

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ASSEMBLY PART NUMBER 177-9232- --ASSEMBLY DESCRIPTION 5505-1 MASTER

LEGEND

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M IML	
	IN	360-0000	FUSE HOLDER 90 DEGREE CONTACT RUBBER WSHR FOR 360-0000 / 360-0001 HEX NUT FOR 360-0000 / 360-0001		1.0000	EACH	
4	IN	360-9000	RUBBER WSHR FOR 360-0000 / 360-0001		1.0000	EACH	
4	IN	360-9002	HEX NUT FOR 360-0000 / 360-0001		1.0000	EACH	
4	IN	360-9003	LOCK WSHR LF#905023(FOR 360-0000/1)		1.0000	EACH	
4	IN	370-0027	LAMP.ORANGE (LED) NV5154	* *	1.0000	EACH	
4	IN	400-1003	LAMP.ORANGE(LED)MV5154 FAN MUFFIN M747 MARK IV LINE FILTER 5 AMP CORCOM 5K1		1.0000	EACH	
4	IN	410-2005	LINE FILTER 5 AMP CORCOM 5K1		1.0000	EACH	
4	IN	420-1004	CORD POWER 10AMP BELDEN #17419-S POWER CORD ROTRON FAN 16415 FAN GUARD 4*(BLACK)D5300-1085 CHASTS(928M1/M2)E6840-118	EC 9614	1.0000	EACH	
4	IN	420-1005	POWER CORD ROTRON FAN 16415		1.0000	EACH	
4	IN	449-0101	FAN GUARD 4"(BLACK)D5300-1085		1.0000	EACH	
	IN	451-1103	CHASIS(928M1/M2)E6840-118 COVER REAR SSCRN D6862-522 COVER BOX PWR SSCRN D6862-521		1.0000	EACH	
4	ΙN	451-2174	COVER REAR SSCRN D6862-522		1.0000	EACH	
4	IN	451-2930	COVER BOX PWR SSCRN D6862-521		1.0000	EACH	
4	IN	451-2931	BOX, POWER C6862-507		1.0000	EACH	
	IN	451-4066	301 MICRO-SW BRACKET C5933-116 12		1.0000	EACH	
4	[N	452-0060	PL AT E, COVER (R \$232) ( 61/62) 86636-825	EC 9367	1.0000	EACH	
4	IN	452-0108	PLATE CONNECTOR #A# B6862-505 301 Switch Plunger B5933-114		1.0000	EACH	
4	IN	461-3056	301 SWITCH PLUNGER B5933-114		1.0000	EACH	
4	11	461-3274	STUD.LOCKING(928M1/M2)86840-102 SPCR .115 ID .250 OD .375 L RD F		2.0000	EACH	
4	IN	462-0057	SPCR .115 ID .250 OD .375 L RD F		16.0000	EACH	
4	IN	462-0327	STANDOFF.H/F 4-40/4-40" B6815-108	EC9043	4.0000	EACH	
4	IN	478-0068	301 PLUNGER GUIDE B5933-117 (2		1.0000	EACH	
4	PFS	600-7000	16 GA BLACK STRANDED WIRE	EC 9614	-2500	FEET	
5	FS	600-7009	16 GA WHITE STRANDED WIRE		1.0000	FEET	
4	FS	600-9018	WIRE 18 GA TINNED COPPER BUS (UL)		.3000	FEET	
	FS	605-0015	#3 CI FAR TURING	"FC9043"	1.5000	FEET	
4	FS	605-1004	#3 CLEAR TUBING CABLE TYE, PAN-TY PLTIM-M	EC9043	20-0000	EACH	
	10	615-0476	INSUL -025 THK FISH PPR 86862-503	1020.5	1.0000		
4	IN	650-0200	INSUL .025 THK FISH PPR B6862-503 SCR 2-56 5/8 SLOT PH MS SS		2.0000	EACH	
4	IN	650-2120	4-40 X 3/8 PAN HO PHL MS SS SEMS	EC9367	2.0000		
4	IN	650-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS	EC 9043	8.0000	EACH	
4	- IN	650-3169	6-32 X 1/2 TRUSS HD HS PARKERIZE		4.0000		
4	IN	650-6160	10-32 X 1/2 PAN HD PHL MS SS SEMS		4-0000	FACH	
4	IN	651-1005	STUD 4-40 .375 CL FLUSH HEAD SS		4.0000	EACH	
4	ĪN	651-1006	STUD 6-32 .375 CL FLUSH HEAD SS		2.0000	EACH	
4	IN	651-1016	CTUD 4-20 "ADS" FIT ELLIEUTUENT CE		אחחת כ	EACH	
4	IN	651-1020	STUD 10-32 .375 CL FLUSH HEAD SS		2.0000		
4	IN	651-1024	STUD 6-32 .750 CL FLUSH HEAD SS		2.0000		
4	IN	651-1038	THRED STUD 4-40X1" 77-16-104-13		12 0000	EACH	
4	IN	652-0008	NUT 6-32 .056 UP CLINCH ST		27-0000	EACH	
4	IN	652-0032	6-32 LOCK-NUT KEPS 511-061800-00	FC 9043	9_0000	EACH	
4	1 N	652-0990	NUT 2-56UNC HEX REG PAT SS		2:0000	EACH	
4	IN	652-2004	NUT 4-40UNC HEX SMALL PAT SS		16.0000	EACH	
	I N	652-2005	4-40 LOCK-NUT KEPS SS	EC9367	4.0000	EACH	
4	IN	652-3004	NUT 6-32UNC HEX SMALL PAT SS		7.0000		
4	IN	653-0003	WASHER, NO.4 NYLON 1/8 ID X 3/8 DD	EC 9614	4.0000		
4	IN	653-0990	NO. 2 INT T LK WASHER		2.0000		
4	IN	653-0991	WZ FLAT WASHER		2.0000	EACH	
4	IN	653-0992	WASH 2 .093ID .2500D .032 FL NYL		2.0000	EACH	
4	IN	653-2002	WASH 4 .12310 .2650D INT T ST		16.0000		
4	IN	653-3001	WASH 6 .150ID .2880D INT T ST	_	1.0000	EACH	

POSITION IN	LEGENO	COMPONENT	DESCRIPTION E C	N CHANTET	4	
STRUCTURE	1 2 3	PART NUMBER	DESCRIPTION E C	N QUANTITY PER ASSY	_U/M	I
4	IN	653-3003	WASH 6 .14110 .25300 SPLIT SS EC904	5.0000	EACH	
4	IN	654-0074	A. C.RECEPTACLE F 1540MS	2.0000	EACH	
•	IN	654-1006	#6 GROUND LUG EC961	4 6.0000	EACH	
<u> </u>	IN	654-1010	#10 GROUND LUG	9.0000	EACH	
•	IN	654-1011	378 GROUND LUG HH SMITH 1497 SDCKET HOUSING 1-480303-0	1.0000	EACH	
<del></del>	IN	654-1150	SUCKET HOUSING 1-480303-0	1.0000	EACH	
7	IN	654-1214	GROMMET, HEYCO 6P3-4 (70,80,F SNAP BUSHING SB-500-6(1/2HOLE3/8ID)	1.0000		
<del>-                                    </del>	IN IN	654-1289 654-1290	SNAP BUSHING SB-500-6(1/2HULE3/81D) SNAP BUSH SB-1.000-12(1*HOLEX3/4ID)	2.0000	EACH	
					EACH	
3		279-1014	BOTTOM PAN ASSY(928M1/M2) 6840-12	1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL	.0120		
?	IN	000-00 24	LABOR PREP AREA	.0610	EACH	
4	IN	451-1226	BOTTOM PAN(928H1/M2)E6840-119	1.0000	EACH	
?	IN	452-2558	STIFFENER, CHASSIS(MI/MZ)C6808-104	1.0000	EACH.	
	IN IN	651-0402	BOTTOM PAN(928M1/M2)E6840-119 STIFFENER,CHASSIS(M1/M2)C6808-104 RIVET AVDEL 11210615 3/16 X 7/16 LG BUNPER,WHITE #2096SW	4.0000	EACH	
•	14	655-02 C5	BUMPER WHITE #2096SW	4.0000	EACH	
3	IN	350-4118	POLARIZING KEY BETWEEN CONTACTSOPKZ	2.0000	EACH	
3	IN	360-1031-SB	FUSE 3.0 AMP 250V SB CERAMC 3AG	1.0000	EACH	
3	IN	650-2121	SCR 4-40 3/8 PHIL FLAT H MS SS	2.0000	EACH	
3	IN	650-4123	8-32X3/8 TRUSS HD PHL MS SS	2.0000	EACH	
<i>3</i> 3	IN IN	653-4001	WASH 8 .1761D .3360D INT T ST	2.0000		
3	14	654-1274	CABLE CLAMP ADH.BACK DKLSP 021-0375	2.0000	EACH	
	IN	450-0061	WANG TAG (BLANK) C5300-1049	1.0000	EACH	
	YN	451-2145	TOP COVER (928M1/M2) D6840-117	1.0000	EACH	
	IN	451-3076	PANEL, FRONT DRESS (928 N1/2) D6840-112	1.0000	EACH	
	IN	451-3077	PANEL OUTER FRONT(928H1)D6840-113	1.0000		
	I N I N	451-3078	PANEL, INNER FRONT (928M1/2) 06840-114	1.0000	EACH	
	IN	451-4459	BRKT, DOOR LOCKING[928H172]C6840-106	1.0000		
	in	451-4504 451-4505	BRKT, STAT GND RH DISK DR B6840-129	1.0000	EACH	
•	IN	461-3275	BRKT,STAT GND LH DISK DR 86840-128 STUD,6-32 X 3.75 86840-120	1.0000		
	··· in	462-0063	SPCR 6-32UNC .250 OD .375 L HX B	2.0000	EACH	
	IN	462-0172	SPCR 6-32UNC .250 0D .312 L HX B	2.0000	EACH	
	in	462-0265	SPACER, PC BOARD(E/F)C6815-13 EC 962	2.0000 3 6.0000	EACH	
	IN	462-0320	SPACER #8 -250 OD 1-25L ALUM #8528	2.0000	EACH	
	IN	478-0061	700 PROGRAM CLAMP NUTS B5900-27 (2	2.0000		
2	IN	650-2120	4-40 X 3/8 PAN HD PHL MS SS SEMS	6.0000	EACH	
	YN	650-3120	Z-22 V 2/0 DAN UN DUI HE CC CENE	6.0000		
?	ĪN	650-4161	SCR 8-32 1/2 PHIL FLAT H MS SS	6.0000	EACH	
	IN	650-6121	TO-32X3/8 TRUSS HD PHL MS SS	2.0000		
<b>?</b>	IN	652-0041	6-32 ACORN NUT NICKEL PLT.	2-0000	EACH	
	IN.	652-3006	6-32 WING NUT CAD PLATE	2.0000	EACH	
?	IN	653-6001	WASH 10.2041D .3810D INT T ST	2.0000	EACH	
	IN "	690-0317	POLY BAG ,5"X6 .5"X1 .5" 2.5 HIL THK	1.0000	EACH	

MBOOBO-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN DATE: 10/11/78 PAGE 1

ASSEMBLY PART NUMBER 177-9233- -- LEGEND
ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*\*TAGGED OUT OF KIT(PROD STR)

POSITION IN Structure	1 23	PART NUMBER	DESCRIPTION		QUANTITY PER ASSY	
1	1 N	177-0063-1	8" DISKETTE MEDIA ID HS 10 PACK LABOR QUALITY CONTROL LABOR PREP AREA INNER RING, DISKETTE C6611-17 DISKETTE WRITE PROTECT LBL B6611-21		.2000	FACH
2	IN	000-0011	LABOR QUALITY CONTROL		•0150	EAGII
2	[ N	000-0024	LABOR PREP AREA		.0740	EACH
2	IN	615-0370	INNER RING, DI SKETTE C6611-17	EC 6879	10-0000	EACH
2	IN	615-1291	DISKETTE WRITE PROTECT LBL B6611-21	EC6879	10.0000	EACH
2 2	I N I N	615-1300	LABEL FILE PROTECT(20/SH)B6815-10		1.0000	SHT
2	IN	615-1310-3	LABEL, FILE PROTECT LBL 86611-21 LABEL, FILE PROTECT (20/SH) 86815-10 DISKETTE INDEX LABEL RED 4 PR SHEET DISKETTE INDEX LABEL (ORANGE) 4/SHT DISKETTE INDEX LABEL YEL 4 PR SHEET DISKETTE INDEX LABEL GRN 4 PR SHEET DISKETTE INDEX LABEL BLU 4 PR SHEET BAG, POLY(DISK) 11X12X.001 THK DISKETTE 87 32 SECTOR FD32-1400		1.0000	SHT
2	IN	615-1310-5	DISKETTE INDEX LABEL (UKANGE) 4/SHI		1.0000	SHT
2	IN	615-1310-5	DISKETTE INDEX LABEL TEL 4 PR SHEET		1.0000	SHI
2	ĪN	61>-1310-6	DISKETTE INDEX LAREL BLU 4 PR SHEET		1.0000	CUT
2	IN	690-0316	BAG.POLY(DISK)11X12X-001 THK	FC 6742	1.0000	FACH
2	IN	725-07C3	DI SKETTE 8" 32 SECTOR FD32-1400	EC8634	10.0000	FACH
1_	IN	187-9233	5505-2 MASTER W/HORIZ SCROLL PCB ASSY 114 DISK BOARD CAP 100 PF 10% 500 V CERAMIC DISC 120 PF CERAMIC CAP W/DFF-76 CAP 220 PF 10% 500 V CERAMIC DISC CAP 470 PF 10% 500 V CERAMIC DISC CAP 680 PF 10% 500 V CERAMIC DISC CAP .05 UF +80-20% 12 V CERAMIC D CAP .001 UF 10% 500 V CERAMIC DISC		1.0000	EACH
2	IN *	210-7411	PCB ASSY 114 DISK BOARD		1.0000	EACH
3 3	IN	300-1100	CAP 100 PF 10% 500 V CERAMIC DISC	EC 9584	1.0000	EACH '
3	IN	300-1120	120 PF CERAMIC CAP W/OFF-76		1.0000	EACH
3	IN	300-1470-	CAP 470 DE 10% 500 V CERAMIC DISC	EC 9511	1.0000	EACH
š	IN	300-1680	CAP ARO PE 102 SOO V CERAMIC DISC		2.0000	EACH
3	ĬŇ	300-1900	CAP -05 UF +80-20% 12 V CERAMIC D	FC 9584	49-0000	EACH
3	I N	300-1906	CAP -001 UF 10% 500 V CERAMIC DISC	FC9715	2.0000	FACU
3	IN	300-1911	CAP -0068 UF 20% 100 V CERAMIC DISC	207.17	1.0000	FACH
3						
3	ΙN	300-1930	-1 UF 50V +80-20% CERAMIC CAP(HIFRQ	EC 9584	1.0000	EACH
3	IN	300-4000	CAP 1.0 UF 35 V 10% TANT AXIAL	EC9071	1.0000	"EACH """
3	IN IN IN IN IN	300-4002	CAP .1 UF 35 V 10% TANT AXIAL		1.0000	EACH
3 3	1.4	300-4018	CAP 18.0 UF 15 V 10% TANT AXIAL		1.0000	EACH
3	1 N	321-0008	CRYSTAL 10 0 5 7 CHART HE LOW		4.0000	EACH
3	ÎN	325-1503	A BANK BUCKED CHITCH		1.0000	EACH
3	PFS	330-1022-48	RES 22 DHM 1/4W 10% FIXED COMP	EC 9071	1 0000	EACH
4	IN *	330-1022	RES 22 DHM 1/4W 10% FIXED COMP	20 70 11	1.0000	EACH
	•		CAP .002 UF 20% 500 V CERAMIC DISC -1 UF 50V +80-20% CERAMIC CAP(HIFRO CAP 1.0 UF 35 V 10% TANT AXIAL CAP .1 UF 35 V 10% TANT AXIAL CAP 18.0 UF 15 V 10% TANT AXIAL CAP 15.0 UF 20 V 10% TANT AXIAL CRYSTAL 10.0 5% QUARTZ HC-18/U 8 BANK ROCKER SHITCH RES 22 OHM 1/4W 10% FIXED COMP RES 22 OHM 1/4W 10% FIXED COMP		1.0000	ERUN
3	P FS	330-1068-48	RES 68 OHM 1/4W 10% FIXED COMP		1.0000	EACH
4	IN +	330-1068	RES 68 OHM 1/4W 10% FIXED COMP RES 68 OHM 1/4W 10% FIXED COMP		1.0000	EACH
_						
3	PFS	330-2018-48	RES 180 OHM 1/4W 10% FIXED COMP		3.0000	EACH
4	FS #	330-2018	RES 180 OHM 1/4W 10% FIXED COMP		1.0000	EACH
3	D E C	220-2022-48	RES 180 OHM 1/4W 10% FIXED COMP RES 180 OHM 1/4W 10% FIXED COMP RES 220 OHM 1/4W 10% FIXED COMP RES 220 OHM 1/4W 10% FIXED COMP			
4	FC #	330-2022-40-	055 330 0HM 1/4W 104 FIXED COMP	EC 9584	9.0000	EACH
•	, , ,	330-2022	NES 220 ONN 1748 104 FIXED COMP		1.0000	EACH
3	P FS	330-2033-4B	RES 330 OHM 1/4W 10% FIXED COMP	<b>-€9715</b>	6 - 0000	CAPU
4	FS *	330-2033	RES 330 OHM 1/4W 10% FIXED COMP RES 330 OHM 1/4W 10% FIXED COMP	207123	1-0000	FACH
					1.0000	
3	P FS	330-2039-48	RES 390 OHM 1/4W 10% FIXED COMP RES 390 OHM 1/4W 10% FIXED COMP		2.0000	EACH
4	FS *	330-2039	RES 390 OHM 1/4W 10% FIXED COMP		1.0000	EACH
•						
3	PFS	330-2047-4B	RES 470 OHM 1/4W 10% FIXED COMP	EC 9715	4.0000 1.0000	EACH
4	F2 ₹	330-2047	RES 470 OHM 1/4W 10% FIXED COMP		1.0000	EACH

ASSEMBLY PART NUMBER 177-9233- 4ASSEMBLY DESCRIPTION 5505-2 MASTER M/HORIZONTAL SCROLL

3 4 3 4		PFS						
3			330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP		8.0000	FACH	
		FS *	330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
	4	PFS	220-2022-48-	DEC 3 3K OUR 1//U 10F FIVED COUR	550715	50.000		
•	,		330-3022-48 330-3022	RES 2-2K OHM 1/4W 10% FIXED COMP RES 2-2K OHM 1/4W 10% FIXED COMP	EC 9715	59.0000 1.0000	EACH	
			330 3022	RES ZOZN ONN IVAN IVA FIXED CONF		1.0000	EACH	-
3	1	PFS	330-3047-4B	RES 4.7K OHM 1/4W 10% FIXED COMP	EC 9071	1.0000	EACH	
4		FS *	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH	_
3	(	PFS	330-4010-48	RES 10K OHM 1/4W 10% FIXED COMP		1.0000	FACH	
4		FS *	330-4010	RES TOK OHM 1/4W TOR FIXED COMP		1.0000		
•			220 (015 (0					
3 4	,	PFS FS #	330-4015-48 330-4015	RES 15K OHN 1/4W 10% FIXED COMP RES 15K OHM 1/4W 10% FIXED COMP		2.0000 1.0000	EACH	
•			330 1013-	RES 15K WIM 174W 104 FIXED COMP		1.0000	EACH	
3		PFS	330-4018-4B	RES 18K OHM 1/4W 10% FIXED COMP		2.0000	EACH	
4		FS *	330-4018	RES 18K OHM 1/4W 10% FIXED COMP RES 18K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3		PFS	330-4047-48	DES ATE OUR 1/AU 109 EIVED COMP		1 0000	EACH	
4	,	-	330-4047	RES 47K OHM 1/4W 10% FIXED COMP RES 47K OHM 1/4W 10% FIXED COMP		1.0000	FACH	
_				RES 120 OHM 1/2W 10% FIXED COMP 26 PIN 90 HEADER CONN ASSY(PC BD) MPS 6512 SILICON TRANSISTOR MPS 6518 SILICON TRANSISTOR IC 7400N 4 2 IN POS NAND GATE IC 7410N 3 3 IN POS NAND GATE IC 7473N 2 J-K MA-SLAVE FLIP-FLOP IC 7474N 2 D EDGE TRIG FLIP-FLOP IC 7442N 4 LINE-10 LINE DECODER IC 7404N HEX INVERTER IC 7493N 4 BIT BINARY COUNTER IC 7451N EXP 2 W 2 IN AND OR INV GT IC 7402N 4 2 IN POS NOR GATE IC 7406 HEX INV BUF DRIVERS HV OUT IC 7400 DECADE COUNTER IC 75150P 2 LINE DRIVER IC 7408 4 2 IN POS AND GATE IC 7408 4 2 IN POS AND GATE IC 74157 4 2 IN MX IC 7432 4 2 IN DR GATE				
3 3		IN	331-2012	RES 120 OHM 1/2W 10% FIXED COMP		2.0000	EACH	
3		IN In	350-0045 375-1012	MDC 4612 CILICON TRANSICTOR		1.0000	EACH	
3		IN	375-1014	MPS ASIR STITCON TRANSISTOR		1.0000	EACH	
3		ĪN	376-0002	IC 7400N 4 2 IN POS NAND GATE		5-0000	FACH	
3		IN	376-0003	IC 7410N 3 3 IN POS NAND GATE		1.0000	EACH	
3		IN	376-0005	IC 7473N 2 J-K MA-SLAVE FLIP-FLOP		3.0000	EACH	
3		IN	376-0006	IC 7474N 2 D EDGE TRIG FLIP-FLOP		9.0000	EACH	
3		IN	376-0008	IC 7442N 4 LINE-10 LINE DECODER	• ••	2.0000	EACH	
3		IN	376-0010	IC 7404N HEX INVERTER		5.0000	EACH	
3		IN	376-0011	IC 7493N 4 BIT BINARY COUNTER		1.0000	EACH	
3 3		IN	376-C012	IC 7451N EXP 2 W 2 IN AND OR INV GT		1.0000	EACH	
3		IN In	376-0016 376-0055	IC 7402N 4 2 IN POS NOR GATE		2.0000	EACH	
3		IN	376-0073	IC 1400 HEX INV BUP URIVERS HV UUI		2.0000	EACH	
3		ÎN	376-0076	IC 75150P 2 I INF DRIVER		2.0000	EACH	
3		IN	376-0081	IC 7408 4 2 IN POS AND GATE		6-0000	FACH	
3		IN	376-0082	IC 74157 4 2 IN MX		1.0000	EACH	
3		IN	376-0093	IC 74157 4 2 IN MX IC 7432 4 2 IN OR GATE IC 74161 SYNCHRONOUS 4 BIT COUNTER IC 74195 4 BIT PAR ACCESS SHIFT REG		6.0000	EACH	
3		IN	376-0094	IC 74161 SYNCHRONOUS 4 BIT COUNTER		3.0000	EACH	
3		IN	376-0097	IC 74195 4 BIT PAR ACCESS SHIFT REG		2.0000	EACH	
3		IN	376-0104	IC 9602 2 RETRIG RESET MONOSTBL MVB	ı	4.0000	EACH	
3		IN	376-0119	IC 74175 4 D TYPE EDGE TRIG F/F		2.0000	EACH	
3		IN In	376-0137	IC 8110 4 D TYPE BUS FLIP FLOP		3.0000	EACH	
3		IN	376-0119	10 7411 2 2 IN DOC AND CATE		2.0000 4.0000	EACH	
3		IN	376-0197	IC 74504 HEY INVERTER	-	4*0000	EACH	
3		IN	376-0250	IC 9401 CYCLIC REDUNDANCY CHECK GEN	1	1.0000	FACH	
3		ĪN	376-0286	IC 74161 SYNCHRONOUS 4 BIT COUNTER IC 74195 4 BIT PAR ACCESS SHIFT RES IC 9602 2 RETRIG RESET MONOSTBL MVB IC 74175 4 D TYPE EDGE TRIG F/F IC 8T10 4 D TYPE BUS FLIP FLOP IC 74368 HEX BUS DR W/3 STATE OUT IC 7411 3 3 IN POS AND GATE IC 7411 3 3 IN POS AND GATE IC 74504 HEX INVERTER IC 9401 CYCLIC REDUNDANCY CHECK GEN IC 74LS374 8 LATCHES W/TR ST OUTP IC 74LS244 OCTUAL BUF/LINE DR 3 OUT		4.0000	EACH	-
3		IN	376-0288	IC 74LS244 OCTUAL BUF/LINE DR 3 QUI	•	5.0000	EACH	

ASSEMBLY PART NUMBER 177-9233- -- LEGEND
ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*\*TAGGED OUT OF KIT[PROD-STR]

POSITION IN	LEGEND	COM PONENT	DESCRIPTION	F C N	QUANTITY	11/1	IML
STRUCTURE	1 2 3	PART NUMBER	**		PER ASSY		
3	IN	376-0291	IC MC3437 HEX BUS RCVR W/INPUT HYST		2.0000	EACH	
3	IN	376-0297	IC 74LS240 OCTAL BUF/LINE DR/LN REC		1.0000	EACH	
3	IN	376-9015	IC 28 PIN SCCKET BURNDY		1.0000	FACH	
3	IN	376-9016	IC 24 PIN SOCKET CAMBION		1.0000	FACH	
3	1N	376-9017	IC 24 POS ANT I-WICKING WAFER		1.0000	EACH	
3	IN	510-7411	IC MC3437 HEX BUS RCVR W/INPUT HYST IC 74LS240 OCTAL BUF/LINE DR/LN REC IC 28 PIN SCCKET BURNDY IC 24 PIN SOCKET CAMBION IC 24 POS ANTI-WICKING WAFER 7411 PCB DISK BOARD BLANK		1.0000	FACH	
			e de la companya de				
2	IN	278-4003	FLOPPY DISK DR 928 (60 HZ)		2.0000	EACH	
3	TN	000-0005	LABOR PRODUCTION SYSTEMS		1.0000		
3	IN	000-0011	LABOR QUALITY CONTROL		-2000		
3	IN	220-3011	FLOPPY DISK CABLE C6482-62		1:0000	FACH	
4	ĪN	000-9999	OTHER DIRECT COST		5.7970	EACH	
<del></del>	IN	350-0021	225-22221-110 SOL TYPE	FC 53 23	1	EXCU	
4	IN	350-0402-8	AO PIN FLAT CARLE CONNECTOR ROTTON	EC 5323	2 0000	EACH	
<u>-</u>	TN	350-6118	"DOLARTZING KEY RETHERN CONTACTEORY	EC 7323	2.0000	CACH	
Å	FC #	420-0045	AN COND FLAT CARLE	10000	1.0000	CCCT	
		TIN-4744-	"A744 DOTATER PROCES	EC 6333	2.5300	rtt!	
7	1 11	510-6767-	A7A7 DRINTED CIRCUIT BOARD	EC 7323	1.0000	EACH	
▼	7.4	710-0101	FLOPPY DISK DR 928 (60 HZ) LABOR PRODUCTION SYSTEMS LABOR QUALITY CONTROL FLOPPY DISK CABLE C6482-62 OTHER DIRECT COST 225-22221-110 SOL TYPE 40 PIN FLAT CABLE CONNECTOR BOTTOM POLARIZING KEY BETWEEN CONTACT50PK2 40 COND FLAT CABLE 6766 PRINTED CIRCUIT BOARD 6767 PRINTED CIRCUIT BOARD	EL7323	1.0000	EACH	
3	IN	279-0284	GUIDE ASSY, BOTTOM (ALUM FOIL 6840-17 LABOR QUALITY CONTROL LABOR PREP AREA GUIDE, BOTTOM (FLOPPY) C6805-102 TAPE, ST SHLD 1 3/4"X9 3/4"E6841-123		1 0000	E	
<u> </u>	<del>- in</del>	717-0204	TARRE ASSISTED HUMINEUM PULL 6840-1/		1.0000	EAUH	
I	IN	000-0011	LABOR ODER ASEA		.0230		
	IN	453 4013	LADUR PREP AREA		-1150	EACH	
7	IN	440-0029-14	TAGE CT CUID I DAY THE DAY TO BE A TO THE COLOR		1.0000	EACH	
<del></del>	7.0	660-0026-14	TAPE 151 SHLU 1 3/4"X9 3/4"E6841-123	EC /391	2.0000	EACH	
1	TM	478-0204	CATCH! : CDOY DOLUE DO COS 10/				
		710-UZ 99	CATCHE, SUPPY DRIVE; BOSO5-104		1.0000	EACH	
3	114	450-4330	SCR 4-40 1/4 PHIL FLAT H MS SS		5.0000	EACH	
<del></del>		000-4350	SCR 8-32 I PHIL PH MS SS		2.0000	EACH	
•	14	050-4401	SCR 8-32 1 1/4 PHIL FLAT H NS SS		1.0000	EACH	
3	14	653-0011	WSHK 11/32 ID X 1-1/2 OD X 5/64 THK		2.0000	EACH	
3	114	033-4001	MASH 8 -17610 .33600 INT T ST		2.0000	EACH.	
	IN *	690-0301	STURAGE BAG POLY 15X10X34	EC8434	1.0000	EACH	
5 ÷	ĨM	725-0053	B" FLPY DISK DR ID (IBM COMP) SA910		1.0000	EACH	
	IN	125-0053-91	DOUR + FLOPPY DISK (SHUGART)		1.0000	EACH	
•		270 0052					
	IN	219-0253	FLUPPY HANDLE ASSY(928M1)C6840-108		1.0000	EACH	
5	IN	000-0011	LABOR QUALITY CONTROL		.0030		
	IN	000-0024	LABOR PREP AREA		.0140	EACH	
5	IN	651-1019	STUD 6-32 .500 CL FLUSH HEAD SS		2.0000	EACH	
3	IN	725-0053-92	HANDLE, FLOPPY DISK(BLACK)		1.0000	EACH	
•			TAPE,ST SHLD 1 3/4"X9 3/4"E6841-123  CATCH( LOPPY DRIVE) B6805-104  SCR 4-40 1/4 PHIL FLAT H MS SS  SCR 8-32 1 PHIL PH MS SS  SCR 8-32 1 1/4 PHIL FLAT H MS SS  MSHR 11/32 ID X 1-1/2 OD X 5/64 THK  WASH 8 1761D .3360D INT T ST  STORAGE BAG POLY 15X10X34  8" FLPY DISK DR ID (IBM COMP) SA910  DOOR,FLOPPY DISK (SHUGART)  FLOPPY HANDLE ASSY(928M1)C6840-108  LABOR QUALITY CONTROL  LABOR PREP AREA  STUD 6-32 .500 CL FLUSH HEAD SS  HANDLE,FLOPPY DISK(BLACK)  114 COMMON MASTER MECH ASSY 60 HZ  PCB ASSY 114 MEMORY 8D.  PCB ASSY 114 MEMORY 8D.  LABOR SUB-SYSTEMS  LABOR QUALITY CONTROL  CAP 270 PF 10% 500 V CERAMIC DISC  CAP .05 UF +80-20% 12 V CERAMIC D  -1 UF 50V +80-20% CERAMIC CAP(HIFRQ)  1 UF CERAMIC CAPACITOR(HIGH FREQ)  CAP 15.0 UF 20 V 10% TANT AXIAL  RES 10 0HM 1/4W 5% FIXED COMP		The state of the same of the s		
2	P FS	Z/9-0335	114 COMMON MASTER MECH ASSY 60 HZ		1.0000	EACH	
3	IN *	210-7310-A	PCB ASSY 114 MEMORY BD.		1.0000	EACH	
4	IN	209-7310	PCB ASSY 114 MEMORY BD.		1.0000	EACH	
5	IN	000-0001	LABOR SUB-SYSTEMS		1.3330		
5	IN	000-0011	LABOR QUALITY CONTROL		.2670		
5	IN IN IN	300-1270	CAP 270 PF 10% 500 V CERAMIC DISC		11.0000	EACH	
5	IN	300-1900	CAP .05 UF +80-20% 12 V CERAMIC D	EC9140	24.0000	EACH	
5	1 N	300-1930	-1 UF 50V +80-20% CERAMIC CAPINIFRO	EC9140	67.0000	EACH	
5	IN	300-1931	1 UF CERAMIC CAPACITOR(HIGH FRED)	EC9140	50.0000	FACH	
5	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL	EC9140	21,0000	EACH	
5	IN IN IN PFS	330-1011-48	RES 10 OHM 1/4W 5% FIXED COMP	EC9140	22.0000	EACH	
			The second secon	207140	22.0000	CAUN	

POSITION IN STRUCTURE		COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML	•	
6	FS *	330-1011	RES 10 OHM T/4W 5% FIXED COMP		1.0000	EACH	•		
	PFS	330-3018-48	RES TIRK DHM 1/4W 10% FIXED COMP		8.0000	-FACH			
6	FS *	330-3018	RES 1-8K OHM 1/4W 10% FIXED COMP		1.0000	EACH			
	: •		RES 1.8K DHM 1/4W 10% FIXED COMP RES 1.8K DHM 1/4W 10% FIXED COMP						
5	PFS	330-3022-4B	RES 2.2K OHM 1/4W 10% FIXED COMP RES 2.2K OHM 1/4W 10% FIXED COMP	EC 9140	8.0000	EACH			
6	FS *	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH-			
5	PFS	330-3047-48	RES 4.7K OHM 1/4W 10% FIXED COMP RES 4.7K OHM 1/4W 10% FIXED COMP		2.0000	EACH			
6	FS +	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH			
			TRANSISTOR SPS6551 IC 7400N 4 2 IN POS NAND GATE IC 7410N 3 3 IN POS NAND GATE IC 7474N 2 D EDGE TRIG FLIP-FLOP IC 7442N 4 LINE-10 LINE DECODER IC 7404N HEX INVERTER IC 7486N 4 2 IN EXCLUSIVE OR GATE IC 74180 8 BIT UDD/EVEN PARITY GEN IC 7408 4 2 IN POS AND GATE IC 74154 I OF 16 DECODER DEHX E7758 IC 7432 4 2 IN OR GATE IC 74367 HEX BUFFER IC 75322 2 TIL TO MOS DRIVER IC 74LS245 8 BUS TRANS W/TR ST DUTP						
5	IN	375-1050	TRANSISTOR SPS6551		11.0000	EACH			
5	IN	376-0002	IC 7500N 4 2 IN POS NAND GATE		4.0000	EACH			
	IN	376-0003	IC 7410N 3 3 IN PUS NAND GATE	F# 01 6 0	2.0000	EACH			
2	IN	376-0006	16 74/4N 2 U EUGE IKIG FLIF-FLUF	EC 9140	2.0000	EACH			
- <del>K</del>		374-0010-	TO TANAN HEY THUEDTED		1.0000	EACH			
ś	IN	376-0036	IC TARAN A 2 IN EXCLUSIVE OR CATE		1.0000	FACH			
<del></del>	in	376-0050	IC 741'AO A BIT DDD/FVEN PARITY GEN		1.0000	FACH			
5	IN	376-0081	IC 7408 4 2 IN POS AND GATE		1.0000	EACH			
	IN	376-0090	IC 74154 I OF 16 DECODER DEMX E7758		1.0000	EACH			
5	IN	376-0093	IC 7432 4 2 IN OR GATE	EC 9140	4.0000	EACH			
5	IN.	376-0176	IC 74367 HEX BUFFER		1.0000	EACH			
5	IN	376-0178	IC 75322 2 TTL TO MOS DRIVER		6.0000	EACH			
5		376-0285	TIC 74L'S245 8 BUS TRANS W/TR ST OUTP		1.0000	EACH			
5	IN	376-0288	IC 74L S244 OCTUAL BUF/LINE DR 3 OUT		6.0000	EACH			
5	IN	376-9003	IC 24 PIN SOCKET BURNDY	EC 9140	5.0000	EACH			
	IN	376-9014	IC 18 PIN SUCKET		99.0000	EACH			
>	İN	510-7310	IC 79322 2 THE TO MUS DRIVER IC 74LS245 8 BUS TRANS W/TR ST DUTP IC 74LS244 OCTUAL BUF/LINE DR 3 OUT IC 24 PIN SOCKET BURNDY IC 18 PIN SOCKET 7310 PCB 114 MEMORY BD.		1.0000	EACH			
4	WC	377-0314	THS4050 RAM 4K (18 PIN)	EC9050	99.0000	EACH			
4	PFS	378-2219-R4	EVENT HANDLER CHIP #1	EC9343	1.0000	EACH			
	FS	377-0317- "	TMS4050 RAM 4K (18 P(N) EVENT HANDLER CHIP #1 2708 INTEL PROM	EC 9343	1.0000	EACH			
5	D F2	474 2224 84							
•	7 FS	378-2220-R4 377-0317		EC 9343	1.0000	EACH EACH			
		311-U311	2100 INICL PRUM	としマンヤン	1.0000	EAUN			
			TO BEEN TOOL OF MICHIGAN AND AND AND AND AND AND AND AND AND A						
	IN *	210-7316	7316 PCB ASSY PS REGULATOR BD		1.0000	EACH			
3	IN *	210-7316 000-0001	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS		1.0000	EACH			
3 4	IN * IN IN	210-7316 000-0001 000-0011	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL		1.0000 2.5770 .5150	EACH			
3 4 4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +BD-20% 12 V CERAMIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			
3 4 4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERANIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			
3 4 4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERANIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			
3 4 4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERANIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			
3 4 4 4 4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERANIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			
3 4 4 4 4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERANIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			
3 4 4 4 4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERANIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			
3 4 4 4 4 4 4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERANIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			
4	IN * IN IN IN	210-7316 000-0001 000-0011 300-1900	7316 PCB ASSY PS REGULATOR BD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF *BD-20% 25 V CERAMIC D	EC8605	1.0000 2.5770 .5150 4.0000	EACH			

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ASSEMBLY PART NUMBER 177-9233- --ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL

POSITION IN STRUCTURE	LEGEND COMPONENT 1 2 3 PART NUMBER		E C N QUANTITY	U/M IML
STRUCTURE	1 2 3 PART NUMBER		PER ASSY	
4_	P FS 330-2022-48	RES 220 OHM 1/4W 10% FIXED	COMP 1.0000	EACH
5	FS * 330-2022	RES 220 OHM 1/4W 10% FIXED	COMP 1.0000	EACH
4	P FS 330-2047-48	RES 470 OHM 1/4W 10% FIXED	COMP 3.0000	EACH
5	FS * 330-2047	RES 470 OHM 1/4W 10% FIXED RES 470 OHM 1/4W 10% FIXED	COMP 1.0000	EACH
4	P FS 330-2068-48			
<b>7</b> 5	P FS 330-2068-48	RES 680 OHM 1/4W 10% FIXED RES 680 OHM 1/4W 10% FIXED	COMP EC8605 1.0000 COMP 1.0000	EACH EACH
				*********
<b>4</b> 5	P FS 330-3010-48 FS * 330-3010	RES 1K OHM 1/4W 10% FIXED	COMP 1.0000 COMP 1.0000	EACH
9	FS # 330-3010	RES 1K OHM 1/4W 10% FIXED	COMP 1.0000	EACH
4	P FS 330-3015-48	RES 1.5K OHM 1/4W 10% FIXED	COMP EC8605 1.0000	EACH
5	FS * 330-3015	RES 1.5K OHM 1/4W 10% FIXED	COMP 1.0000	EACH
4	P FS 330-3018-48	RES 1.8K OHM 1/4W 10% FIXED	CCHO	51611
5	FS * 330-3018	RES 1-8K OHM 1/4W 10% FIXED RES 1-8K OHM 1/4W 10% FIXED	COMP 1.0000	FACH
4 5	P FS 330-3022-48 FS * 330-3022	RES 2.2K OHM 1/4W 10% FIXED RES 2.2K OHM 1/4W 10% FIXED	COMP 3.0000	EACH
•	13 + 330 3022 = = =	WES 2-2K DIN 1/4W 104 FIXED	1.0000	EACH
4_	P FS 330-3023-48	RES 2.2K OHM 1/4W 5% FIXED	COMP 2.0000	EACH
5	FS * 330-3023	RES 2.2K OHM 1/4W 5% FIXED	COMP 1.0000	EACH
4	P FS 330-3027-48	RES 2.7K OHM 1/4W LOX FIXED	COMP 1.0000	EACH
5	FS * 330-3027	RES 2.7K OHM 1/4W 10% FIXED RES 2.7K OHM 1/4W 10% FIXED	COMP 1.0000	EACH
4	P FS 330-3028-48			
5	IN * 330-3028	RES 2.7K OHM 1/4W 5% FIXED RES 2.7K OHM 1/4W 5% FIXED	COMP 1.0000	EACH
_				EACH
<b>4</b> 5	P FS 330-3033-48 FS * 330-3033	RES 3.3K OHM 1/4W 10% FIXED		EACH
,	F3 + 330-3033	RES 3-3K OHM 1/4W 10% FIXED	COMP 1.0000	EACH
4	P FS 330-3047-48	RES 4.7K OHM 1/4W 10% FIXED	COMP 2.0000	EACH
5	FS * 330-3047	RES 4.7K OHM 1/4W 10% FIXED	COMP 1-0000	EACH
4	P FS 330-3068-48	RES 6-AK OHN T/AW TOVETYED	COMP 1.0000	EACH
5	FS * 330-3068	RES 6.8K OHM 1/4W 10% FIXED	COMP 1.0000	EACH
4	P FS 330-4010-48			
5	P FS 330-4010-48 FS * 330-4010	RES 10K OHM 1/4W 10% FIXED RES 10K OHM 1/4W TOW FIXED	COMP 2.0000	EACH
4 5	P FS 330-4019-48	RES 18K OHM 1/4W 5% FIXED	COMP 1.0000	EACH
יכ	IN * 330-4019	RES 18K OHM 1/4W 5% FIXED	COMP 1.0000	EACH
4	P FS 330-5010-48	RES 100K OHM 1/4W 10% FIXED	COMP 1.0000	EACH
5	FS * 330-5010	RES 100K OHM 1/4W 10% FIXED	COMP 1.0000	EACH
4	P FS 330-5012-48	120K OHM 1/4W 100/0 4 RES		
5	FS * 330-5012	120K CHM 1/4W 100/0 4 RES	W/OFF-76 1.0000	EACH
4	TN 331 3070		V • • · · ·	
4	IN 331-2068	680 DHM 1/2W 10% RESISTOR	W/DFF-76 EC8605 1.0000	EACH

ASSEMBLY PART NUMBER 177-9233- --

ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: #=YAGGED OUT OF KITIPROD STR)

POSITION IN Structure	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION		PER ASSY
4	IN	331-3022	RES 2.2K OHM 1/2W 10% FIXED COMP RES 820 OHM 1W 10% FIXED COMP RES 820 OHM 1W 10% FIXED COMP		
4	IN		DEC 030 0HM 1/2W 104 FIXED COMP		1.0000 EACH
4	ÎN	332-2082 332-3012	RES 820 UNM IN 10% FIXED COMP		1.0000 EACH
4	IN	332-3015	MES 1-54 OHM IN 108 EINED COMP	FC 0 / 0F	1.0000 EACH
4	IN	334-0012	RES 820 OHM 1W 10% FIXED COMP RES 1.2K OHM 1W 10% FIXED COMP RES 1.5K OHM 1W 10% FIXED COMP DISC 3 OHM 11 W RESISTOR 7.5 OHM 7W 5% RESISTOR	FC 8005	1.0000 EACH
4	IN	334-0025	7 5 00M 70 60 0001010K		1.0000 EACH
4	JN .	334-0033	7.5 OHM 7W 5% RESISTOR RES .050 OHM 3W 3% WW NON-IND RES 1K OHM VAR TRIM SIDE ADJ SQ RES 150 OHM 2H 10% FIXED COMP IC REG UA 7905 -5V TO-220 IC REG UA 7912 -12V TO-3 TRANSISTOR 2N6387 (PLASTIC) TRANSISTOR RCA8203A (PLASTIC) MICA INSULADE 1038 EGR 275-1036/1036		1.0000 EACH
4	ÍN	336-1014	DEC 14 DAM VAD TOTM CIDE AD LCO	ECBOUS	2.0000 EACH
4	ÍN	337-2015	DEC 150 DAM 3H 104 ELAED COMP		3-UUUU EACH
4	ĪÑ	374-0002	IC REG IIA 7905 -5V TO-220		1.0000 EACH
4	ĪN	374-0006	TC REG UA 7912 -12V TO-3		140000 EACH
4	ĪN	375-1052	TRANSISTOR 2NASA7 (PLASTIC)	DATRE	2.0000 EACH
4	ĬŇ	375-1053	TRANSISTOR RCAR203A (PLASTIC)	DATOF	1 nnn Excu
4	IN	375-9016			
4	ĪN	376-0066	IC 723 VOLTAGE REGULATOR	60000	3.0000 EACH
4	ĪN	376-0240	IC 1 M339 4 COMPARATOR	DATREI	2 0000 EACH
4		380-0000-48	-4B GERMANIUM DIODE	DATREL	Z-0000 EACH
5	FS	380-0000-R	GERMANTUM DIODE ( 200 REEL)	PAIRLE	1 0000 EACH
-			IC 723 VOLTAGE REGULATOR IC LM339 4 COMPARATOR -4B GERMANIUM DIODE GERMANIUM DIODE (.200 REEL)		180000 EACH
4	P FS *	380-1001-48	DO35 SIL DIODE 30V, 100MA AT 1V .48		
`5	FŚ	380-1001-R	DO35 SIL DIODE 30V, 100MA AT 1V TER	FAIRLE	T ANAN EXPL
-			THE STATE STATE STATE STATE AND AND AND AND AND AND AND AND AND AND		110000 EACH
4	IN	380-2048	DIO 7EN IN5230C 4.7V 500MW 5 DO-7		
4	ĭN	380-2111	DIO ZEN IN5230C 4.7V 500MW S DO-7 DIO ZEN IN5241C 11.0V 500MW S DO-7		1.0000 EACH
4	IN	380-2113	DIO ZEN IN5241C 11.0V 500MW S D0-7 DIO ZEN 1N4743 13.0V 1 W S D041 ALSA RECTIFIER		1-0000 EACH
4	IN	380-3008	ALSA RECTIFIER	PATREL	6-0000 FACH
4	IN	478-0421	HEATSINK, REG CARD SCRND C6862-520	FC8605	1-0000 FACH
4	IN	510-7316	7316 PCB PS REGULATOR BD	200000	1.0000 EACH
4	IN	650-3080		EC8605	2-0000 FACH
4	IN	650-3131	6-32 X 3/8 NYLON COVERED FIL HD SLT		
3	IN	210-7412-A	PCA 114 HORIZONTAL SCROLL CRT/CPU	EC9735	1.0000 EACH
4	IN	209-7412	PCA 114 HORIZONTAL SCROLL CRT/CPU		1.0000 EACH
5	IN	300-1047	CAP 47 PF 10% 500 V CERAMIC DISC		3.0000 EACH
5	IN	300-1150	PCA 114 HORIZONTAL SCROLL CRT/CPU CAP 47 PF 10% 500 V CERAMIC DISC CAP 150 PF 10% 500 V CERAMIC DISC CAP 220 PF 10% 500 V CERAMIC DISC CAP 270 PE 10% 500 V CERAMIC DISC CAP 270 PE 10% 500 V CERAMIC DISC		2.0000 EACH
5	IN	300-1220	CAP 220 PF 10% 500 V CERAMIC DISC		1.0000 EACH
5	IN	300-1270	CAP 270 PF 10% 500 V CERAMIC DISC		2.0000 EACH
5	IN	300-1470	CAP 470 PF 10% 500 V CERAMIC DISC		1.0000 EACH
5	IN	300-1680	CAP 680 PF 10% 500 V CERAMIC DISC	•	1.0000 EACH
5	IN	3001900	CAP .05 UF +80-20% 12 V CERAMIC D		74.0000 EACH
5	IN	300-1903	CAP .01 UF +80-20% 25 V CERAMIC D		1.0000 EACH
5	IN	300-1930	-1 UF 50V +80-20% CERAMIC CAPIHIFRQ		6.0000 EACH
5	IN	300-1931	1 UF CERAMIC CAPACITOR(HIGH FRED)	•• ••	6.0000 FACH
5	ΙN	300-4001	CAP .47 UF 35 V 10% TANT AXIAL		1.0000 EACH
5	IN	300-4018	CAP 18.0 UF 15 V 10% TANT AXIAL		1.0000 FACH
5	ΙN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL		9.0000 EACH
5	IN	321-0018	CRYSTAL 17.1 5 % QUARTZ HC-18/U		1.0000 EACH
5	IN	321-0027	CRYSTAL 2.4576 5 % QUARTZ HC-18/U		1.0000 EACH
5	PFS	330-1010-48	RES 10 OHM 1/4W 10% FIXED COMP		1.0000 EACH
6	FS *	330-1010	CAP 220 PF 10% 500 V CERAMIC DISC CAP 270 PF 10% 500 V CERAMIC DISC CAP 470 PF 10% 500 V CERAMIC DISC CAP 470 PF 10% 500 V CERAMIC DISC CAP 680 PF 10% 500 V CERAMIC DISC CAP .05 UF +80-20% 12 V CERAMIC D CAP .01 UF +80-20% CERAMIC CAP(HIFRQ 1 UF CERAMIC CAPACITOR(HIGH FREQ) CAP .47 UF 35 V 10% TANT AXIAL CAP 18.0 UF 15 V 10% TANT AXIAL CAP 18.0 UF 20 V 10% TANT AXIAL CAP 15.0 UF 20 V 10% TANT AXIAL CRYSTAL 17.1 5 % QUARTZ HC-18/U CRYSTAL 2.4576 5 % QUARTZ HC-18/U RES 10 OHM 1/4W 10% FIXED COMP		1.0000 EACH
5	P FS	330-1011-48	RES 10 OHM 1/4W 5% FIXED COMP		2.0000 EACH

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ASSEMBLY PART NUMBER 177-9233- -- LEGEND ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

				the second secon	
STRUCTURE	1 2 3		DESCRIPTION	E C N QUANTITY PER ASSY	U/M [ML
		330-1011	RES 10 OHM 1/4W 5% FIXED COMP	1.0000	EACH
5	PFS	330-1033-48	RES 33 OHM 1/4W 10% FIXED COMP	1.0000	EACH
6	IN *	330-1033	RES 33 OHM 1/4W 10% FIXED COMP RES 33 OHM 1/4W 10% FIXED COMP	1.0000	ACH
5	P FS	330-2010-48			
6	" FS +	330-2010-48 330-2010	RES 100 OHM 1/4W 10% FIXED COMP RES 100 OHM 1/4W 10% FIXED COMP	1.0000	ACH
5	DEC	330-2018-48	DEC 180 OUR 1/44 TOW ELVED COURS		
6	FS +	330-2018	RES 180 OHM 1/4W 10% FIXED COMP	1.0000 6	EACH
			RES 180 OHM 1/4W 10% FIXED COMP RES 180 OHM 1/4W 10% FIXED COMP		
	F 6. *	330-2022-48 330-2022	RES 220 OHM 1/4W 10% FIXED COMP RES 220 OHM 1/4W 10% FIXED COMP	1.0000	ACH
					:MUN
5	P FS	330-2033-48	RES 330 OHM 1/4W 10% FIXED COMP	4.0000	EACH
		330-2033	RES 330 OHM 1/4W 10% FIXED COMP	1.0000	EACH
5 ,	PFS	330-2039-48 330-2039	RES 390 OHM 1/4W 10% FIXED COMP RES 390 OHM 1/4W 10% FIXED COMP	1.0000	EACH
		330-2039	RES 390 OHM 174W 10% FIXED COMP	1.0000	EACH
5	P FS	330-2047-48	RES 470 DHM 1/4W 10% FIXED COMP	5.0000	EACH
6	FS *	330-2047	RES 470 OHM 1/4W 10% FIXED COMP RES 470 OHM 1/4W 10% FIXED COMP	1.0000	ACH
			RES 560 OHM 1/4W 10% FIXED COMP	1.0000	FACH
6	FS *	330-2056-48 330-2056	RES 560 OHM 1/4W 10% FIXED COMP RES 560 OHM 1/4W 10% FIXED COMP	1.0000	EACH
- <b>5</b>	PFS	330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP	י הממח כ	exru
<u>. 6 </u>		330-3010		1.0000	EACH
•		330-3033-40-	DEC 2 24 DUN 1444 100 CIVED COUD	44 0000	- 4.011
6	FS *	330-3022-46-6	RES 2.2K OHM 1/4W 10% FIXED COMP RES 2.2K OHM 1/4W 10% FIXED COMP	I-0000	FACH
6	PFS FS*	330-3047-48 330-3047	RES 4.7K OHN 1/4W 10% FIXED COMP RES 4.7K OHN 1/4W 10% FIXED COMP	9.0000	EACH
		330 3011			
5 6	P FS	330-4010-48 330-4010	RES 10K OHM 1/4W 10% FIXED COMP RES 10K OHM 1/4W 10% FIXED COMP	6.0000	EACH
•	гэ∓	330-4010	KES TOK ONN 174W TOS PIXED COMP		:AUH
5	PFS	330-4018-48	RES 18K OHM 1/4W 10% FIXED COMP		EACH
6	F 5 #	330-4018	RES 18K OHM 1/4W 10% FIXED COMP	1.0000	FACH
5	PFS	330-4039-48	RES 39K OHM 1/4W 10% FIXED COMP RES 39K OHM 1/4W 10% FIXED COMP	3.0000	EACH
6	FS *	330-4039	RES 39K OHM 1/4W 10% FIXED COMP	1.0000	EACH
5	PFS	330-4047-48	RES 47K OHM 1/4W 10% FIXED COMP	1.0000	FACH
6	FS *	330-4047	RES 47K OHM 1/4W 10% FIXED COMP	1.0000	EACH
5	IN	331-1010	RES 10 OHM 1/2W 10% FIXED COMP RES 75 OHM 1/2W 5% FIXED COMP RES 1K OHM VAR TRIM TOP ADJ RD TSTR 2N5189 1.0W 60V SH NPN S TRANSISTOR SPS6551	1.0000	FACH
5	IN	331-1076	RES 75 OHM 1/2W 5% FIXED COMP	1.0000	EACH
5	IN	336-1001	RES 1K OHM VAR TRIM TOP ADJ RD	1.0000	EACH
5 5	I N I N	375-1021 375-1050	TSTR ZN5189 1.0W 60V SH NPN S	1.0000	
•	114	J1J-10J0	TOWNSTSIUM SESSOSSI	3.0000	EACH

ASSEMBLY PART NUMBER 177-9233- --ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: +=TAGGED GUT OF KIT(PROD STR)

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LEGEND

STRUCTURE	LEGEND 1 23	COMPONENT PART NUMBER	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	IML
5	I N	375-9001	TRANSIPAD 8977887-1 LARGE		1.0000	EACH.	
5	IN	376-0002	IC 7400N 4 2 IN POS NAND GATE		3.0000	EACH	
5	IN	376-0003	TC 7410N 3 3 IN POS NAND GATE		3.0000	EACH	1 1 1 1 1 1 1
5	IN	376-0004	IC 7420N 2 4 IN POS NAND GATE		1.0000	EACH	
5	IN.	376-0006	IC 7474N 2 D EDGE TRIG FLIP-FLOP		5.0000	FACH	
5	IN	376-0007	IC 7476N 2 JK MA-SLV F/F PRST CLEAR		1.0000	EACH	
5	11	376-0008	"IC 7442N"4 LINE-10 LINE DECODER		1.0000	FACH	
5	IN	376-0010	IC 7404N HEX INVERTER		5-0000	EACH	
5	IN.	376-0012	IC 7451N EXP 2 W 2 IN AND OR INV GT		1.0000	EACH	
5	IN	376-0016	IC 7402N 4 2 IN POS NOR GATE		2.0000	EACH	
- 5	· IN	376-0045	IC 74HO4N HEX INVERTER			FACH	-
5	IN	376-0049	IC 74155 2 2-4 LINE DECODER DEMX		1.0000	E/ JH	
5	IN .	376-0059	IC 7495 4 BIT R L SHIFT REGISTER		2.0000	FACH	-
5	IN	376-0081	IC 7408 4 2 IN POS AND GATE		4-0000	FACH	
5	IN	376-0082	IC 74157 4 2 IN MX			FACH	
5	IN	376-0090	IC 74154 1 OF 16 DECODER DEMX E7758		1.0000	FACH	
5	IN	376-0093	IC 7432 4 2 IN DR GATE		2.0000	FACH	
5	IN	376-0094	IC 74161 SYNCHRONOUS 4 BIT COUNTER		7.0000	FACH	
5	IN	376-0098	IC 74174 HEX D TYPE FLIP FLOP		3-0000	FACH	
5	IN	376-0104	IC 9602 2 RETRIG RESET MONOSTRI MVR		2-0000	EACH	
5	IN	376-0119	IC 74175 4 D TYPE EDGE TRIG E/F		3.0000	-EACH-	
5	IN	376-0125	IC 7427 3 3 IN NOR GATE		1.0000	FACH	
. 5	" IN	376-0126	IC 555 TIMER		1.0000	FACH	
5	IN	376-0160	IC 741 S175 4 D TYPE EDGE TRIG E/E		1.0000	EACH	
	TN	376-0176	TC 74367 HEX RUFFER		7.0000	EAPU	
5	IN	376-0178	IC 75322 2 TTL TO MOS DRIVER		1-0000	EACH	
- 5	IN	376-0183	TC 74173 4 BIT D TYPE REG 3 STATE		3-0000	FACH	
5	IN	376-0194	IC 7411 3 3 IN POS AND GATE		1.0000	FACH	
5	IN	376-0197	TO 74504 HEY INVESTED	• • • • • • • • • • • • • • • • • • • •	1.0000	EACH	
5	ĪN	376-0199	IC 74502 4 2 IN POS NOR GATE		2 0000	EACH	
	IN	376-0200	IC 74508 4 2 IN PRE AND GAYE		2.0000	EACH	
5	ĪN	376-0202	IC 74574 2 D TVDE E E N DRECET CIED		1 0000	CACH	
<del>5</del>	·i ii ·	376-0204	10 741 9257 4 2-1   THE DATA SELC MY		2 0000	EACH.	
5	TN	376-0205	IC 74532 4 2 IN POS OR GATE		2.0000	EACH	
· Š	TN "	376-0228	IC 74500 A 2 IN DOS NAND CATE		1 0000	EACH	
5	IN	376-0238	IC 74510 3 3 IN POS NAND GATE		1.0000	EACH	
<del></del>	in	376-0285	TO 741 COAS A RUE TRANC WITD CT THITD		1.0000	- EARL	
5	ĪN	376-0286	IC 741 S374 R LATCHES W/TR ST OUTD		2 0000	EACH	
	YN	376-0288	TO TALESTA OCTIVAL RUEZI INF DE 2 OUT		2.0000	EACH	**************************************
5	ĪN	376-0291	IC MC3437 HEX RUS RCVR W/INPUT HYST		1.0000	EACH	
		376-0310	TE 741 373 DETI DETENDE LATERES CENTE		2 0000	CACH	-
5	ĪN	376-9001	IC 14 PIN SOCKET SOLDER TALL		1 0000	EACH	
	ŤŇ	376-9003	TO 25 PIN SOCKET RURNNY		2 0000		
5	TN	376-9011	TO AD DIN SOCKET RUPNOV # DILBZADDI		2.0000	EACH	
<del>_</del>	jn	376-9014	TO THE PIN SHOKET		10 0000	EXTU -	
5	ĪN	376-9015	TC 28 PIN SOCKET RIIPNOV		100000	ENCH	
5	4 ' 1	510-7412	TATE PER HART TONTAL COURT COTTON		• 1000	CACH.	
5 5	, n		TILL TOD HUNIZOMIAL SUNDEL UNITUPO		1.0000	EMUN	
5 5 5	IN	654-6132	CONN HEADER 3 - 100 1800 900 910		1 0000	EACH	
5 5 5 5	IN	654-0132	CONN HEADER. 3 .100 IROW 90D PIN		1.0000	EACH	
5 5 5 5	IN IN	654-0132 377-0314	CONN HEADER. 3 .100 IROW 90D PIN		1.0000	EACH	
5 5 5 5	IN IN WC	654-0132 377-0314 377-0347	TRANSIPAD 8977887-1 LARGE IC 7400N 4 2 IN POS NAND GATE IC 7410N 3 3 IN POS NAND GATE IC 7420N 2 4 IN POS NAND GATE IC 7474N 2 D EDGE TRIG FLIP-FLOP IC 7476N 2 JK MA-SLV F/F PRST CLEAR IC 7442N 4 LINE-10 LINE DECODER IC 7404N HEX INVERTER IC 7451N EXP 2 W 2 IN AND OR INV GT IC 7404N HEX INVERTER IC 74155 2 2-4 LINE DECODER DEMX IC 7405N 4 2 IN POS NOR GATE IC 74155 2 2-4 LINE DECODER DEMX IC 7405 4 BIT R L SHIFT REGISTER IC 74157 4 2 IN MX IC 74154 1 OF 16 DECODER DEMX E7758 IC 7432 4 2 IN POS AND GATE IC 74161 SYNCHRONOUS 4 BIT COUNTER IC 74174 HEX D TYPE FLIP FLOP IC 9602 2 RETRIG RESET MONOSTBL MVB IC 74175 4 D TYPE EDGE TRIG F/F IC 7427 3 3 IN NOR GATE IC 74173 4 BIT D TYPE REG 3 STATE IC 74173 4 BIT D TYPE REG 3 STATE IC 74173 4 BIT D TYPE REG 3 STATE IC 74304 HEX BUFFER IC 74504 HEX INVERTER IC 74506 4 2 IN POS NOR GATE IC 74506 4 2 IN POS NOR GATE IC 74506 4 2 IN POS NOR GATE IC 74507 HEX BUS RCVR W/INPUT HYST IC 745374 8 LATCHES W/TR ST OUTP IC 745373 OCTL D-TYP LATCHES SCHTT IC 745373 OCTL D-TYP LATCHES SCHTT IC 14 PIN SOCKET BURNDY IC 40 PIN SOCKET BURNDY IC 40 PIN SOCKET BURNDY IC 40 PIN SOCKET BURNDY IC 40 PIN SOCKET BURNDY IC 50 PIN SOCKET BURNDY IC 50 PIN SOCKET BURNDY IC 60 PIN SOCKET BURNDY IC 60 PIN SOCKET BURNDY IC 750 PIN SOCKET BURNDY IC 750 PIN SOCKET BURNDY IC 60 PIN SOCKET BURNDY IC 750 PIN SOCKET BU		10.0000	EACH	

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ASSEMBLY PART NUMBER 177-9233- -ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL

POSITION IN STRUCTURE	1 2 3	PART NUMBER	DESCRIPTION		PER ASSY	U/M IML
4	IN P FS	377-0344	Z80 CPU 40 PIN 1.C.		1,0000	FACH
4	PFS	378-2216	114 CRT CHARACTER PROM(114)		1.0000	FACH
פ	FS	377-0317	Z80 CPU 40 PIN I.C. 114 CRT CHARACTER PROM(114) 2708 INTEL PRCM		1.0000	EACH
<b>,</b>	7 M .	270-0446-	114 CHASSIS ASSY 60 HZ SUB-SYSTEMS LABOR QUALITY CONTROL 7315 P.C. ASSY SYSTEM 114 MB LABOR SUB-SYSTEMS LABOR QUALITY CONTROL RES .006 OHM 3W 5% HW NON-IND 225-21521-110 PC CONN SOLDER TYPE 225-22221-110 SOL TYPE 44 POS P.C.CONN SOLDER TYPE(CINCH) CONN 18-36 PC EDGE MT RECPT CONN 25-50 PC EDGE MT RECPT 7315 P.C. BOARD ASM SYS 114 MB TERMINAL, SINGLE NECK PMP 103-M/O-77			
4	1 N T	210-0446	IIA CHASSIS ASST OU HZ		1.0000	EACH
4	TN	000-0004-	IARDE CHALLEY CONTOOL		7.7000	EAUH
4	T N	210-7315	7216 D C ACCV CVCTEM 11/ MD		1.1000	FACU
· 5	ĪN	000-0001	ARAD CIR_CVCTEMC		7500	EACH
5	TN	000-0011	LABOR SUB-SISIENS		1500	
5	ÍN	334-0031	RES TOUR OHM SH SA HA NUM-INU	FC 94.70	- 1 DODG	EACH
5	TN	350-0011	225-21521-110 PC CONN COLDED TYPE	CC 04 10	4 0000	EACH
5	ĪN	350-0021	225-2221-110 FO CORR SOLDER TIPE		0.0000	EAUT
5	IN	350-0021	44 PRC P.C.CONN SOLDED TYPE (CINCHI		3 0000	EACH
5	ĪN	350-1044	CONN 18-36 PC FOGE MT DECDT	EC QUA 3	3.0000	EAUTI
Ś	ĪN	350-1045	CONN 25-50 PC FORE MT RECPT	EC 4043	1.0000	FACH
5	IN	510-7315	7315 D.C. ROADD ACM CVC 114 MR	EC 7043	1.0000	EACH
5	ĪN	454-1192	TERMINAL SINGLE NECK PMP 103-W/0-77	EC 004.3	1 0000	EACH
			1 11 11 11 11 11 11 11 11 11 11 11 11 1			
4	IN	220-0117	740 AC CONN CABLE A6499-30 SUB-SYSTEMS LABOR QUALITY CONTROL POWER CABLE 3 COND 18 GA M/SVT SOCKET HOUSING 1-480303-0		2.0000	EACH
5	IN	000-0004	SUB-SYSTEMS		.1150	EACH
5	IN	000-0011	LABOR QUALITY CONTROL		.0230	
5	FS	420-1003	POWER CABLE 3 COND 18 GA W/SVT	EC4968	2.9200	FEET
5	IN	654-1150	SOCKET HOUSING 1-480303-0		1.0000	EACH
5	FS *	654-1163-R	SOCKET HOUSING 1-480303-0 SOCKET 20-14 GA(REEL)AMP 61117-4	EC4968	3.0000	EACH
4	ŧ N	220-1099	P053 WIRE & LUG ASSY(928M1)86482-12 SUB-SYSTEMS LABOR QUALITY CONTROL 16 GA YEL STRANDED WIRE	*** *	T 6886	EIFU
	! N	000-0004	SUR-SYSTEMS		- 0070	FACH
5	TN	000-0011	LABOR QUALITY CONTROL		-0010	CHOTT
5	PFS	600-7004	16 GA YEL STRANDED WIRE		-5800	FFFT
6	IN P FS FS	600-7009	16 GA WHITE STRANDED WIRE		1.0000	FEET
5	FS *		SOCKET 20-14 GAUREELJAMP 61117-4			
4	k.1	220-1221	114 COAY CARLE ASSV BAAR2-205	FC 0 3 0 4	יו או או או או או	TATU
`5	У. 1 2 гг	420-0061	RG-174/U COAXIAL CARLE	20 7 30 7	1.1640	EEET
5	2 75	600-2000	WIRE 24 GA BLACK UI		5000	FFFY
6	የ\$ 2 ቶ\$ F\$	600-2009	114 COAX CABLE ASSY B6482-295 RG-174/U COAXIAL CABLE WIRE 24 GA BLACK UL WIRE 24 GA WHITE UL		1.0000	FEET
		(05.01.22	CHOINE THREE TURE THE CALL AT THE			
5	FS	6U5-U123	SHRINK TUBING TYPE RNF 3/16 ID BLK		.1660	FEET .
5	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6		2.0000	EACH
5	IN	554-0103	.025 KEYING PLUG AMP 8707-2		1.0000	EACH
5	IN	024-0105	SHRINK TUBING TYPE RNF 3/16 ID BLK 30-26 GA CRIMP SNAP CONT AMP85967-6 .025 KEYING PLUG AMP 8707-2 CONN HSG 3 .100 1RDW		1.0000	EACH
4	IN P FS	220-1223	AC CABLE 114 B6482-309	EC 9043	1.0000	EACH
5	PFS	600-7000	16 GA BLACK STRANDED WIRE		1.3300	FEET
6	FS	600-7009	AC CABLE 114 16 GA BLACK STRANDED WIRE 16 GA WHITE STRANDED WIRE		1.0000	FEET
5						
5	F S	605~0015	16 GA WHITE STRANDED WIRE #3 CLEAR TUBING TUBING,3/8 ID HEATSHRINK TERMINAL FASTON .250X.032 PQ14R258M		1.0000	FEET
ś	FS	605-0132	THRING 3/8 IN HEATCHRINK		1.0000	FEET
5	FS	654-0084-P	TERMINAL FACTON JENY 022 DOLLADSEON		• 1000	FACH
-	, ,	074 0004 W	LUNDERME FROIGH & COURSUSE PUIMKEDOM		2.0000	TAUM

ASSEMBLY PART NUMBER 177-9233- --

LEGEND ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT DF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND COMPONEN 1 2 3 PART NUM		E C N	QUANTITY PER ASSY	U/M	IML
4_	IN 270-0551-		.8	1.0000		tre amount
5	IN 000-0004-	SUB-SYSTEMS		1.0000 .4820	EACH	
5	IN 000-0011-			.0960		
5	IN 270-3063-	HEATSINK HARNESS(928M1)D6482-1	17	1.0000	EACH	
6	IN 000-0004-	SUB-SYSTEMS		.1330	EACH	
6	IN 000-0011-	LABOR QUALITY CONTROL		•0270		
6_	P FS 600-0002-	WIRE 18 GA RED UL	EC8289	1.4200		
7	FS 600-0009-	WIRE 18 GA WHITE UL		1.0000		emeter.
6	P FS 600-6004-	14 GA YELLOW STRANDED WIRE	EC8289	1.0420	FEET	
7	FS 600-6009-	14 GA WHITE STRANDED WIRE		1.0000		
6_	P FS 600-6006-		EC8583	1.7500	FEET	
7	FS 600-6009-			1.0000		
6	FS 600-6009-	14 GA WHITE STRANDED WIRE	EC8289	1.4200	FFFT	
6	FS 605-0014-	TUBING #5 CLEAR	FC 9006	•2100		
6	FS 605-0015-	TUBING #5 CLEAR #3 CLEAR TUBING	EC 9006 EC 9006	.2100-		
6	FS 605-1004-	CABLE TYE, PAN-TY PLTIM-M SOCKET HOUSING 1-480318-0 PIN HOUSING 1-480305-0		3.0000	EACH	
6	IN 654-1148-	SOCKET HOUSING 1-480318-0		1.0000		
6	IN 654-1149-	PIN HOUSING 1-480305-0		1.0000	EACH	
6	FS * 654-1163-R	SOCKET 20-14 GAIREELJAMP 61117	<b>!-4</b>	2.0000		-
6	FS * 654-1164-R	SOCKET 20-14 GAIREELJAMP 61117 PIN TERM 20-14 GAIREELJAMP 611	18-4	3.0000		
5	IN 375-1048-	TSTR 2N5301 200W 40V AP NPN	S T03	1.0000	FACH	
5	IN 375-9014-	INSULATOR XTOR MOUNT WECKESSER	TM-1	1.0000		
5	IN 375-9020-	MICA WSHR (LARGE) FOR POWER X1	STORS	1.0000	FACH	
5	IN 380-3000-		D04	2.0000	FACH	
5	IN 380-9003-	HARDWARE ACCESSORY KIT FOR 380				
5	IN 478-0327-	HEATSINK 1928 MASTER 1C6840-107		1.0000	FACH	
5	FS 600-9015-		UL)	-2500	FFFT	
5	IN 650-3160-	6-32 X 1/2 PAN HD PHL MS SS SE	MS	2.0000		
5	IN 652-3004-	NUT 6-32UNC HEX SMALL PAT	SS	2.0000	EACH	
5	IN 653-3000-	NUT 6-32UNC HEX SMALL PAT WASH 6 .149ID .3750D .016 F	L ŠŠ	2.0000	EACH	
5	IN 653-3001-	WASH 6 .150ID .2880D INT T	ST	2.0000	EACH	
5	IN 654-1006-	#6 GROUND LUG	••	2.0000	FACH	
4	IN 270-3069-	XFMR HARNESS 928M1+2 60HZ C648	12-146	1.0000	FACH	
5	IN 000-0004-		_ • • •	1190	EACH	
5	IN 000-0011-			•1190 •0240		
5	IN 410-0111-		107	1.0000		
5	FS * 654-0048-R		3R258M	2.0000	FACH	
5	FS * 654-1163-R		7-4	2.0000	EACH	
4	IN 279-0301-	PLUNGER GUIDE ASSEMBLY 6815-51		1.0000	EACH	
5	IN 000-0011-			.0010		
5	IN 000-0024-			•0030		
5	IN 451-4066-		6 (2	1.0000	EVEN	
5	IN 478-0068-			1.0000	EACH	
				1.0000	CAUM	
4	IN 300-2 12-	124K UF 15V ELECTROLYTIC CAPAC	ITOR	1.0000	EACH	

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ASSEMBLY PART NUMBER 177-9233- -- LEGEND
ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M IML
	IN.	300-3067	12K UF 50V ELECTROLYTIC CAPACITOR		1.0000	EACH
, i	IN	300-3069	27000 UF 30V ELECTRICATION CAP		1.0000	EACH
	IN	300-9004	CAP CLAMP 1 3/4"3LUG SC#115-058-13		1.0000	EACH
4	ĪN	300-9006	27000 UF 30V ELECTRICLYTIC CAP CAP CLAMP 1 3/4"3LUG SC#115-058-13 CAP CLAMP 2 1/2 INCH 3 LUG		1.0000	EACH
	ĪN	300-9021	CAP CLAMP C TYPE 2 INCH 2 LUGWOFE74		1.0000	EACH
7	IN	300-9022	CAP CLAMP 2 1/16 INCH 3 LUG		1.0000	FACH
	·· in -	300-9024	CAP CLAMP 2 1/2 INCH 3 LUG CAP CLAMP C TYPE 2 INCH 2 LUGWOFF74 CAP CLAMP 2 1/16 INCH 3 LUG CAP BOOT FOR #300-3042 GE #614	FC8654	1.0000	EACH
I	IN	310-0010	IN TERMINAL STRIP	200031	1-0000	EACH
	İN	325-0021	SHITCH BOCKED SPST		1.0000	FACH
7	IN	325-2305	11 CM1 MICON CHITCH FOR CD-1		1.0000	EACH
	İN	325-9034	DICH BUTTON DED ALCORCIS		1.0000	EACH
7	IN	331-3012	DEC 4 OF OHM 1/3H 104 ELVED COMP		2 0000	EACH
	IN	331-3022	VE2 1.5V OUM 1/5M ING LIVED COME		1 0000	EACH
7			BUC COCKET TET COMM NOTOCE		1.0000	EACH
	IN	350-1036	ENCE HOLDED OF DECREE CONTACT		1.0000	EACH :
?	IN	360-0000	PUDE HULDER YOU DEGREE CONTACT		1.0000	EACH
· · · · · · · · · · · · · · · · · · ·	IN	360-9000	KOBBEK #2UK PUK 300-0000 / 360-0001		1.0000	CACH
•	I N	360-9002	HEX NOT FOR 360-0000 / 360-0001		1.0000	EACH
4	IN	360-9003	CAP BOOT FOR #300-3042 GE #614  10 TERMINAL STRIP SWITCH, ROCKER SPST  11 SM1 MICRO SWITCH FOR CP-1 PUSH BUTTON RED ALCO#C12  RES 1.2K OHM 1/2W 10% FIXED COMP RES 2.2K OHM 1/2W 10% FIXED COMP BNC SOCKET (F) CONN UG1094A FUSE HOLDER 90 DEGREE CONTACT RUBBER MSHR FOR 360-0000 / 360-0001 HEX NUT FOR 360-0000 / 360-0001 LOCK WSHR LF#905023 (FOR 360-0000/1) LAMP, ORANGE (LED) MV5154 FAN MUFFIN M747 MARK IV LINE FILTER 5 AMP CORCOM 5X1 CORD POWER 10 AMP BELDEN #17419-S POWER CORD ROTRON FAN 16415 FAN GUARD 4 "(BLACK) D5300-1085 CHASIS (928MI/M2) E6840-118 COVER REAR SSCRN D6862-522 COVER BOX PMR SSCRN D6862-521		1.0000	EACH
•	IN	370-0027	LAMP ORANGE (LED) MV5154		1.0000	EACH
4	IN	400-1003	FAN MUFFIN M747 MARK IV		1.0000	FACH
4	IN	410-2005	LINE FILTER 5 AMP CURCUM 5X1		1.0000	EACH
4	IN	420-1004	CORD POWER 10 AMP BELDEN #17419-5	EC9614	1.0000	EACH
4	IN	420-1005	POWER CORD RUTRON FAN 16415		1.0000	EACH
4	IN	449-01 Cl	FAN GUARD 4"(BLACK)D5300-1085		1.0000	EACH
4	IN	451-1103	CHASTS (928M1/M2) E6840-118		1.0000	EACH
4	IN	451-2174	COVER REAR SSCRN D6862-522		1.0000	EACH
4	I N	451-2930	COVER BOX PWR SSCRN D6862-521 BOX, POWER C6862-507		1.0000	EACH
4	IN	451-2931			1.0000	EMUN
4	IN	451-4066	301 MICRO-SW BRACKET C5933-116 (2		1.0000	EACH
4	IN	452-0060	PLATE.COVER (R S232) (61/62) 86636-825 PLATE CONNECTOR MAM 86862-505 301 SWITCH PLUNGER B5933-114 STUD.LOCKING (928M1/M2) 86840-102 SPCR -115 ID -250 OD -375 L RD F	EC 9367	1.0000	EACH
4	IN	452-0108	PLATE CONNECTOR "A" B6862-505		1.0000	
4	ľN	461-3056	301 SWITCH PLUNGER B5933-114		1.0000	EACH
· · · · · · · · · · · · · · · · · · ·	I N	461-3274	STUD, LOCKING(928M1/M2)86840-102		2.0000	
4	IN	462-0057	SPCR .115 ID .250 OD .375 L RD F		16.0000	EACH
4	IN	462-0327	STANDOFF.M/F 4-40/4-40 86815-108	FC.9043	4.0000	EACH
4	IN	478-0068	301 PLUNGER GUIDE B5933-117 (2		1.0000	EACH
4	PFS	600-7000	16 GA BLACK STRANDED WIRE	EC9614	.2500	FEET
5	FS	600-7009	301 PLUNGER GUIDE B5933-117 (2 16 GA BLACK STRANDED WIRE 16 GA WHITE STRANDED WIRE		1.0000	FEET
4	FS	600-9018	WIRE 18 GA TINNED COPPER BUS (UL) #3 CLEAR TUBING CABLE TYE, PAN-TY PLTIM-M		.3000	FEET
	FŠ	605-0015	#3 CLEAR TUBING	EC9043	1.5000	FEET
4	FS	605-1004	CARLE TYF. PAN-TY PLTIM-M	EC 9043	20.0000	EACH
The second second	NI	615-0476	INSUL .025 THK FISH PPR B6862-503		1.0000	EACH
Ž	IN	650-0200	SCR 2-56 5/8 SLOT PH MS SS		2.0000	EACH
7	IN	650-2120	4-40 X 3/8 PAN HD PHL MS SS SEMS	EC 9367	2,0000	EACH
7	IN	650-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS	EC9043	8.0000	EACH
7	IN	650-3169			4.0000	EACH
7	IN	650-6160	6-32 X 1/2 TRUSS HD MS PARKERIZE 10-32 X 1/2 PAN HD PHL MS SS SEMS		4.0000	EACH
*	-		STUD 4-40 .375 CL FLUSH HEAD SS		4.0000	EACH
4	IN	651-1005	STUD 4-90 -375 CL FLU3H HEAD CC		2.0000	EACH
4	I N I N	651-1006	STUD 6-32 .375 CL FLUSH HEAD SS STUD 6-32 .625 CL FLUSH HEAD SS		2.0000	EACH
•	•	651-1016	STUD 10-32 .375 CL FLUSH HEAD SS		2.0000	EACH
4	IN	651-1020	STUD 10-32 .375 CL FLUSH HEAD SS		2.0000	EAUP

ASSEMBLY PART NUMBER 177-9233- -- LEGEND
ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: #=TAGGED OUT OF KIT(PROD STR)

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POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M IML
4	1 N	651-1024	CTIM			
4	IN	651-1038	STUD 6-32 .750 CL FLUSH HEAD SS THRED STUD 4-40X1 77-16-104-13		2.0000	EACH
4	IN	652-0008	"NUT" 6-32 .056 UP CITNCH" ST		12-0000	EACH
4	ĪN	652-0032	NUT 6-32 .056 UP CLINCH ST 6-32 LOCK-NUT KEPS 511-061800-00	550013	27.0000	EACH
4	I N	652-0990	NUT 2-56UNC HEX REG PAT	EC9043	9.0000	EACH
4	IN	652-2004	NIIT 4-40UNC HEY SHALL DAT CC		2.0000	
4	IN	652-2005	4-40 TOCK-NUT KEPS STALL FAT	EC0327	16.0000	EACH
4	IN	652-3004	4-40 LOCK-NUT KEPS SS NUT 6-32UNC HEX SMALL PAT SS	EC 730 /	7 0000	EACH
4	IN	653-0003				
4	IN	653-0990	WASHER, NU.4 NYLON 1/8 ID X 3/8 OD NO. 2 INT T LK WASHER #2 FLAT WASHER	207014	2-0000	EACH
	IN	653-0991	#2 FLAT WASHER		2-0000-	"FACH"
4	ΙN	653-0992	WASH & GUTSID GESUUD GUSZ FL NYI		2-0000	EACH
4	IN	653-2002	WASH 4 .123ID .2650D INT T ST WASH 6 .150ID .2880D INT T ST	EC9043	16-0000	EACH
<u> </u>	IN	653-3001	WASH 6 -150ID -2880D INT T ST		1.0000	EACH
4		653-3003	WASH 6 141TD 25300 SPLIT	Fronga	E NANA	CATU
4	IN	654-0074	A.C.RECEPTACLE F 1540MS		2.0000	FACH
4		654-1006	A.C.RECEPTAGLE F 1540MS #6 GROUND LUG #10 GROUND LUG	EC9614	6.0000	EACH
4	IN	654-1010	#10 GROUND LUG		9.0000	EACH
*	IN	654-1011	3/8" GROUND EUG HH SMITH 1497		1.0000	EACH
	IN	654-1150	SOCKET HOUSING 1-480303-0		1.0000	EACH
4	IN	654-1214	GROMMET, HEYCO 6P3-4 (70,80,F		1.0000	EACH
	IN	654-1289	SNAP BUSHING SB-500-6(1/2HOLE3/81D)		2.0000	EACH
7	IN	654-1290	#6 GROUND LUG #10 GROUND LUG 3/8" GROUND LUG HH SMITH 1497 SOCKET HOUSING 1-480303-0 GROMMET, HEYCO 693-4 (70,80,F SNAP BUSHING SB-500-6(1/2H0LE3/8ID) SNAP BUSH SB-1.000-12(1*H0LEX3/4ID)	The state of the s	1.0000	EACH
3	y xr -4	ASA FAND				
<b>3</b>	IN T	279-1014	BUTTOM PAN ASSY(928H1/M2) 6840-12		1.0000	EACH
	IN	000-0011	LABUK QUALITY CONTROL		.0120	
Z	IN	451-1226	ROTTON DANGEROUS CHEST		.0610	EACH
		452-2558	STIEFENED CULTETTIALITY		1.0000	EACH
į.	ĪN	651-0402	DIVET AVDEL 11310(15 3/1/ % 7/1/ )		1.0000	EACH"
4	in	655-0205	MINEL MANCE IISINGED 3/10 X //10 FC		4.0000	EACH
·	• • •	033 0203	BOTTOM PAN ASSY(928M1/M2) 6840-12 LABOR QUALITY CONTROL LABOR PREP AREA BOTTOM PAN(928M1/M2)E6840-119 STIFFENER, CHASSIS(M1/M2)C6808-104 RIVET AVDEL 11210615 3/16 X 7/16 LG BUMPER, WHITE #2096SW		4.0000	EACH
3	IN	350-4118	POLARIZING KEY RETHEEN CONTACTSORKS		··· 2"nana	"EACU
3	IN	360-1031-SB	FUSE 3-0 AMP 250V SR CERAMC 3AG		1 0000	EACH
<b>3</b>	IN	650-2121	SCR 4-40 3/8 PHIL FLAT H MS SS		2 0000	EACH
3	IN	650-4123	8-32X3/8 TRUSS HD PHL MS SS		2.0000	EACH
3	IN	653-4001	TZ T THI GOSEE. GISTI- 8 HZAM		2.0000	FACH
3	IN	654-1274	CABLE CLAMP ADH. BACK DKLSP 021-0375		2-0000	FACH
_			POLARIZING KEY BETWEEN CONTACT50PK2 FUSE 3.0 AMP 250V SB CERAMC 3AG SCR 4-40 3/8 PHIL FLAT H MS SS 8-32X3/8 TRUSS HD PHL MS SS WASH 8 176ID .3360D INT T ST CABLE CLAMP ADH.BACK DKLSP 021-0375			LACIT
2	IN	450-0061	WANG TAG (BLANK) C5300-1049		1.0000	EACH
2	TN	451-2145	TOP COVER (928ML/M2) D6840-117			EACH
2	IN	451-3076	PANEL , FRONT DRESS(928M1/2)D6840-112		1.0000	EACH
2	IN	451-3077	PANEL, OUTER FRONT (928M1) D6840-113		I.0000	FACH
2	IN	451-3078	PANEL, FRONT DRESS(928M1/2)D6840-112 PANEL, DUTER FRONT(928M1)D6840-112 PANEL, INNER FRONT(928M1/2)D6840-114 BRKT, DOOR LOCKING(928M1/2)C6840-106 BRKT, STAT GND RH DISK DR 86840-129		1.0000	EACH
2 2	IN	451-4459	BRKT.DOOR LOCKING(928M1/2)C6840-106		1.0000	EACH
2	IN	451-4504	BRKT-STAT GND RH DISK DR B6840-129 BRKT-STAT GND LH DISK DR B6840-128		1.0000	EACH
2	IN	451-4505	BRKT-STAT GND LH DISK DR B6840-128		1.0000	EACH
-2	I N I N	461-3275	31UU • 0-32 X 3 • 75 H6H40-120		2.0000	EACH
2	IN	<b>462-0063</b>	SPCR 6-32UNC .250 0D .375 L HX B			
2	IN	462-0172 462-0265	SPCR 6-32UNC .250 DD .312 L HX B		2.0000	EACH
2	IN	462-0265 462	SPACER, PC BOARD(E/F)C6815-13	EC9623		EACH
		706- /	SPACER #8 -250 OD 1-25L ALUM #8528		2.0000	EACH

MBOOBO-A MULTI-LEVEL BILL OF MATERIAL AS OF RUN DATE: 10/11/78 PAGE 13

ASSEMBLY PART NUMBER 177-9233- --ASSEMBLY DESCRIPTION 5505-2 MASTER W/HORIZONTAL SCROLL 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: #=TAGGED OUT OF KITT PROD STR1

LEGEND

	LEG END		DESCRIPTION	E C N QUANTITY U/M IML
STRUCTURE	1 2 3	PART NUMBER		PER ASSY
	IN	478-0061	700 PROGRAM CLAMP NUTS B5900-27 (2	2.0000 EACH
	IN	650-2120	4-40 X 3/8 PAN HD PHL MS SS SEMS	6.0000 EACH
	IN	650-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS	6.0000 EACH
	IN	650-4161	SCR 8-32 1/2 PHIL FLAT H MS SS	6.0000 EACH
	ΪN	650-6121	10-32X3/8 TRUSS HD PHL MS SS	2.0000 EACH
	IN	652-0041	6-32 ACORN NUT NICKEL PLT.	2.0000 EACH
	IN	652-3006	6-32 WING NUT CAD PLATE	2.0000 EACH
	IN	653-6001	WASH 10.204ID .3810D INT T ST	2.0000 EACH
į	IN	690-0317	POLY BAG.5"X6.5"X1.5" 2.5 HIL THK	1.0000 EACH

MB0080-A

## LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: +=TAGGED OUT OF KITTPROD STR)

							TAGGED GOT 151
POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	IML
1	IN	187-9241		ECG200		<b></b>	
2	ĪN	220-0105-3	I/O CA W/BRD SHID 8"(114) C6422-129	EC7477	1.0000	EACH	
3	IN	000-0004	SUB-SYSTEMS		.6760	-FAFU-	
3	IN	000-0011	LABOR QUALITY CONTROL		-1350	CACH	
3	IN	350-2082	CONN 18-36 CABLE TO PANEL PLUG		2.0000	EACH	-
3	IN	350-4233-G	STRAIN RELIEF CVR 36 POS 180DEG GRV		2.0000	EACH	
3	IN	350-4233-T	STRAIN RELIEF CVR 36 POS 180DEG TNG		2.0000	EACH	
3	IN	350-4234	4-40X3/B CAPT SCR FOR SCR MT CONNS.		4.0000	EACH	
3	FS	420-0059	18 TWISTED PAIR 26 GA SPECIALSHIELD		9.0000	FEET	
3	IN	458-0361	GRCUND STRAP C6815-28	EC 9450	4-0000	EACH	
3	IN	606-0105-3	CBL MARKER WH/BK 114 220-0105-3	EC9699	1.0000	EACH	<del></del>
4	FS	605-0139	TUBING 1/2 WH SHRINK POLYOLEFIN		-1140	FEET	
3	IN	615-1297	CHOCK LANGER CHOKE COMM WARRING		2.0000	EACH	
2	IN	220-0199	CABLE COAX CRT RG59(114) 86482-299		1-0000	FACH	
3	ĪN	000-0004	SUB-SYSTEMS		2500	EIFD	
3	IN	000-0011	LABOR QUALITY CONTROL		-0500	LAUN	
3	1 N	350-2075	BNC CABLE CONNECTOR BW161119		2-000d-	FAPU	_
3	FS	420-0048	CABLE RG59/U COAX		8-0000	FFFT	
3	IN	606-0199	CBL MARKER WH/BK 114 220-0199	FC9699	1.0000	FACH.	
4	FS	605-0139	CABLE COAX CRT RG59(114) B6482-299 SUB-SYSTEMS LABOR QUALITY CONTROL BNC CABLE CONNECTOR BW161119 CARLE RG59/U COAX CBL MARKER WH/BK 114 220-0199 TUBING 1/2 WH SHRINK POLYOLEFIN	207077	-1140	FEET	
	• • •						***
2 3	IN	270-0373	12" MONITOR II & PWR SUP ASM II LABOR PRODUCTION SYSTEMS LABOR QUALITY CONTROL	EC 9754	1.0000	EACH	
3	IN	000-0005	LABOR PRODUCTION SYSTEMS		.3300		
3	IN	000-0011	LABOR QUALITY CONTROL		•0660		
, ,	IN	270-0371	PUNER SUPPLY II,12" PCNITOR(PRELIM)		1.0000	EACH	<del>-</del>
<b>7</b>	IN	000-0004	SUB-SYSTEMS		-8980	EACH	
4	IN	000-0005	LABUR PRODUCTION SYSTEMS		-5000		
	IN	210-7455	LABUK QUALITY CUNTROL		-2800		
5	IN	210-7455	PUB ASST YZUMUR MUR KEYBUARU		1.0000	EACH_	
5	IN	000-0001-	LABOR SUB-SYSTEMS		•7730		
5	N I	220-1107-	LABUK QUALITY CUNIKUL		•1550		
6	IN	000-0004-	12" CKI PUWEK SUPLY CABLE 86482-141		1.0000	EACH	
6	IN	000-0004	JAROR OHALLY CONTROL		.0730	EACH	
6	D EC #	600-1000	LADUK QUALITY CUNTKUL		.0150		
	PFS	600-1000	WINE 22 OR DEACH		.8300	FEET	
•	, , ,	000-1009	WIRE 22 GA WHITE		1.0000	FEET	
6	P FS *	600-1002	WIRE 22 GA RED		-8300	FEET	
7	PFS	600-1009	WIRE 22 GA WHITE		1.0000	FEET	
4	F.	405 0014	THE THE AP TIME				
6	FS	45/-1140-	TUBING #5 CLEAR		• 6600	FEET	
6 6	IN FS	074-1145-0	SUCKET HOUSING 1-480318-0	RF2401	1.0000	EACH	
	F 3	O)4-1103-K	LABOR PRODUCTION SYSTEMS LABOR QUALITY CONTROL POWER SUPPLY II,12" PCNITOR(PRELIM) SUB-SYSTEMS LABOR PRODUCTION SYSTEMS LABOR QUALITY CONTROL PCB ASSY 928MCR MCR KEYBOARD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL 12" CRT POMER SUPLY CABLE 86482-141 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 22 GA BLACK WIRE 22 GA WHITE  WIRE 22 GA RED WIRE 22 GA WHITE  TUBING #5 CLEAR SOCKET HOUSING 1-480318-0 SOCKET 30-22 GA(REEL)AMP 3500078-4		2.0000	FACH	•
5	IN	300-3078	8.2K UF 25V ELECTROLYTIC CAP(AXIAL) CAP 15.0 UF 20 V 10% TANT AXIAL CAP 1000 PF 5% 100 V MICA DIPPED SLIDE SW.115/230 VAC RES 56 OHM 1/4W 10% FIXED COMP RES 56 OHM 1/4W 10% FIXED COMP	EC7769	1.0000	EACH	
5	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL		1.0000	EACH	
5	IN	300-5006	CAP 1000 PF 5% 100 V MICA DIPPED		1.0000	EACH	
5	IN	325-2112	SLIDE SW-115/230 VAC		1.0000	EACH	
5	P FS *	330-1056-4B	RES 56 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
6	FS *	330-1 '	RES 56 OHM 1/4W 10% FIXED COMP		1.0000	EACH	

ASSEMBLY PART NUMBER 177-9238- - LEGEND

ASSEMBLY DESCRIPTION 5506-1 WK/ST 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
5	PFS +	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
6	F5 +	330-3022	RES Z. 2K OHM 174W 10% FIXED COMP		1.0000	EACH	
5		330-3033-4B			1.0000	EACH	
6	FS *	330-3033	RES 3-3K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	IN	334-0017	-25 OHM 3W 5% FIXED RESISTOR		1.0000	EACH	
5	TN	336-1014	RES "IK"OHM VAR TRIM SIDE ADJ SQ		1.0000	EACH	•
5	I N	360-0006	RES 1K OHM VAR TRIM SIDE ADJ SQ FUSE CLIP P.C. LITTLE FUSE 102068		2.0000	EACH	
5	IN	360-1006-SB	FUSE 6/10 AMP 250V SB GLASS 3AG	EC9104	1.0000	EACH	
5	IN	375-1008	40251 / MJ2801 TRANSISTOR		1.0000	EACH	
5	IN	375-1026			1.0000	EACH	
5	IN	375-9001	TRANSIPAD 8977887-1 LARGE		1.0000	EACH	
5	[N	375-9022	SUCKET TRANSISTOR TO-3 PTS-2	EC8 195	1.0000	EACH	
5	IN	376-0066	IC 723 VOLTAGE REGULATOR		1.0000	EACH	
5	IN	380-3008	Alsa Rectifier		2.0000	EACH	• -
5	IN	380-5001	250 VOLT VARISTOR V250LA20		1.0000	EACH	
5	IN	510-7455	7455 PCB 928MCR MCR KEYBOARD		1.0000	EACH	
5	<u>FS</u>	605-1010	7455 PCB 928HCR HCR KEYBOARD CABLE TYE, PAN-TY TY-232M	EC8645	1-0000	EACH	
4	IN	375-10C8	40251 / MJ2801 TRANSISTOR		1.0000	EACH	
4	IN	375-9020	""MICE USUB FIEDCEL EAD DOUGD VICTAGE	CC O E O I	1.0000	EACH	
4	IN	410-0127	TRANSFMR LINEAR 50/60 HZ C5068-127		1.0000	EACH	
4	IN	420-1000	CORD POWER 3 COND		1.0000	EACH"	
4	IN	451-1118	CORD POWER 3 COND CHSS.PWR SUPP.(12 MONITOR) B6836-110		1.0000	EACH	
4		452-0510	PLT XMFR MTG.12"MONITOR B6836-113	E8595A	1.0000	EACH	• • • •
4	ΙN	462-0110	301 MB SPACER (3/8 OD 5/32 ID NYLON	EC8581	1.0000	EACH	
4	IN	478-0391	HEAT SINK PS 12 MONITOR B6836-118		1.0000	EACH	-
4	FS	605-0012	TUBING #4 CLEAR	E8595A	-4130	FEET	
4	1 N	650-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS	EC8581	3.0000		
4	IN	651-0010	#6 X 3/4 SHEET METAL SCREW T-B	EC8581	2.0000	EACH	
4	IN	651-0024	#BX1/4 HEX HD SLOT TAP SCR TYPE-B	EC8595	2.0000		
4	IN	652-2005	4-40 LOCK-NUT KEPS SS	EC8581	1.0000	EACH	
4	IN	652-3004	NUT 6-32UNC HEX SMALL PAT SS	EC8581	2.0000	EACH	
4	IN	653-2001	NO. 4 FLAT WSHR 1/8 ID 1/40D	EC8581	1.0000	EACH	
4	ĪÑ	653-3000	WASH 6 .14910 .37500 .016 FL SS	E8595A	3.0000	EACH	
4	IN	653-3003		EC 8581	2.0000	EACH	
4	IN	654-1006	#6 GROUND LUG	EC8581	2.0000	EACH	
4	IN	654-1238	HEYCO STRAIN RELIEF SR5P-4	200502	1.0000	EACH	
4	IN	654-1246	PLAST1-GROMMET ITW#212-170602240101	EC8581	3.0000	EACH	
3	IN *	270-0372	"12" MONITOR ASH II (LESS PWR SUP)		1.0000	EACH	
4	IN	000-0005	LABOR PRODUCTION SYSTEMS		1.6950	EACH	
4	IN	000-0011	LABOR PRODUCTION SYSTEMS LABOR QUALITY CONTROL		.3390		
4	ĬŇ	210-7456	PCB ASSY 2246 9#612# MONITOR ELEC		1.0000	EACH	
`5	ĪN	000-9999			15.4860	EACH	
5	ĪN	300-1047	OTHER DIRECT COST  CAP 47 PF 10% 500 V CERANIC DISC  CAP 470 PF 10% 500 V CERANIC DISC  CAP -001 UF 10% 500 V CERANIC DISC		1-0000		
··· ś	ÍÑ	300-1470	CAP 470 PF 101 500 V CERANIC DISC		1.0000	EACH	
5	ĪN	300-1906	CAP .001 UF 10% 500 V CERAMIC DISC	EC 7774	1.0000	EACH	
5	ĬŇ	300-1912	CAP -02 HE 20% SOO V CERAMIC DISC	200		EACH	
5	IN	300-1915	CAP .0056 UF 20% 500 V CERAMIC DISC		3.0000 2.0000	EACH EACH	
7							

ASSEMBLY PART NUMBER 177-9238- - LEGEND
ASSEMBLY DESCRIPTION 5506-1 WK/ST L: P=PHANTOM; 2: [TEM MASTER DELY CODE; 3: #=TAGGED OUT OF KIT(PROD SYR)

POSITION IN	LEGEND		DESCRIPTION	E C N	QUANTITY	U/M INL
5	IN	300-1916	CAP .02 UF +80-20% 1.4 V CERAMIC D CAP .1 UF +80-20% 20 V CERAMIC DISC I UF CERAMIC CAPACITOR(HIGH FREQ) CAP .15 UF 10% 100 V MYLAR		1.0000	- EXCO
5	IN	300-1918	CAP .02 UF +80-20% 1.4 V CERAMIC D CAP .1 UF +80-20% 20 V CERAMIC DISC I UF CERAMIC CAPACITORIHIGH FREQ) CAP .15 UF 10% 100 V MYLAR CAP .47 UF 10% 100 V MYLAR CAP .1 UF 10% 400 V MYLAR CAP .033 UF 10% 400 V METL MYLAR CAP 4.0 UF 10% 100 V METL MYLAR CAP .01 UF 10% 50 V PULYSTYRENE CAP .0033 UF 10% 500 V MYLAR CAP .01 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0033 UF 10% 500 V MYLAR CAP .0034 UF 10% 500 V MYLAR .000		2-0000	EACH
5	IN.	300-1931	1 UF CERAMIC CAPACITOR(HIGH FRED)	EC9161	1.0000	FACH
5	IN	300-2215	CAP -15 UF 10% 100 V MYLAR	20,101	1.0000	FACH
5	IN	300-2247	CAP 47 UF 102 100 V HYLAR	FC 7776	2-0000	FACH
5	IN	300-2310	CAP -1 UF 107 400 V MYLAR	EC7776	1.0000	FACH
5	YN	300-2412	CAP .033 UF 10% 400 V NETL HYLAR		1.0000	FACH
5	IN	300-2413	CAP 4.0 UF 10% 100 V METL MYLAR		1.0000	FACH
- 3	IN	300-2414	CAP .OI UF 10% 50 V POLYSTYRENE		1.0000	FACH
5	IN	300-2415	CAP .0033 UF 10% 600 V MYLAR		1.0000	EACH
	IN	300-2418	CAP 2.2 UF 10% 100 V METL MYLAR	EC7776	1.0000	FACH
5	IN	300-3006	CAP 10 UF 16V -10+75% ELECT AXIAL		2.0000	FACH
5	IN	300-3009	CAP 35 UF 16V -10+75% ELECT AXIAL		3.0000	FACH
5	IN	300-3010	CAP 50 UF 50V -10+75% ELECT AXIAL		1.0000	EACH
5	IN	300-3033	CAP 100 UF 25V -10+75% ELECT AXIAL		1.0000	EACH
5	IN	300-3062	1000 UF 25V ELECTROLYTIC CAPACITOR		3.0000	EACH
5	IN	300-4000	CAP I-O UF 35 V 108 TANT AXTAL		1.0000	EACH
5	ĮΝ	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL	EC 7776	1.0000	EACH
5	IN	320-0051	COIL, LINEARITY EX4063-1 C6815-901		1.0000	EACH
5	IN	320-0053	CO 1L.WIDTH EX4062-1 C6815-900		1.0000	EACH
5	IN	320-0054	COIL OYNAMIC FOCUS		1.0000	EACH
5	PFS *	330-1022-4B	RES 22 OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	IN *	330-1022	CAP 1033 UF 10% 400 V METL HYLAR CAP 4.0 UF 10% 100 V METL HYLAR CAP .01 UF 10% 50 V POLYSTYRENE CAP .0033 UF 10% 600 V METL HYLAR CAP .0033 UF 10% 600 V METL HYLAR CAP .0033 UF 10% 100 V METL HYLAR CAP 10 UF 16V -10+75% ELECT AXIAL CAP 35 UF 16V -10+75% ELECT AXIAL CAP 50 UF 50V -10+75% ELECT AXIAL CAP 100 UF 25V -10+75% ELECT AXIAL CAP 100 UF 25V ELECTROLYTIC CAPACITOR CAP 1.0 UF 35 V 10% TANT AXIAL CAF 1.0 UF 35 V 10% TANT AXIAL CAF 1.0 UF 35 V 10% TANT AXIAL CAF 1.0 UF 20 V 10% TANT AXIAL CO11, LINEARITY EX4063-1 C6815-901 CO11, LOYNAMIC FOCUS RES 22 OHM 1/4W 10% FIXED COMP RES 22 OHM 1/4W 10% FIXED COMP		1.0000	EACH
			RES 47 OHK 1/4W 10% FIXED COMP		3.0000	EACH
6	FS *	330-1047	RES 47 OHK 1/4W 10% FIXED COMP RES 47 OHM 1/4W 10% FIXED COMP		1.0000	EACH
			The state of the s			• 5
5	PFS *	330-1068-48 330-1068	RES 68 OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	IN *	330-1068	RES 68 OHM 1/4W 10% FIXED COMP RES 68 OHM 1/4W 10% FIXED COMP		1.0000	EACH
5	PFS *	330-2015-4B	RES 150 OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	FS *	330-2015	RES 150 OHM 1/4W 10% FIXED COMP RES 150 OHM 1/4W 10% FIXED COMP		1.0000	EACH
			the state of the s			
5	P FS *	330-2018-48 330-2018	RES 180 OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	FS *	330-2018	RES 180 OHM 1/4W 10% FIXED COMP RES 180 OHM 1/4W 10% FIXED COMP		1.0000	EACH
5	P F5 *	330-2022-48	RES 220 OHM 174W TOW FIXED COMP		2.0000	EACH
6	FS *	330-2022	RES 220 OHM 174W 10% FIXED COMP RES 220 OHM 174W 10% FIXED COMP		1.0000	EACH
_						
	P F5 *	330-2047-48	RES 470 OHM 1/4W 10% FIXED COMP RES 470 OHM 1/4W 10% FIXED COMP		3.0000	EACH
6	FS *	330-2047	RES 470 OHN 1/4W 10% FIXED COMP		1.0000	EACH
,	P F5 *	330-2068-48	RES 680 OHM 1/4W TOX FIXED COMP		1.0000	EACH
6	FS *	330-2068-48 330-2068	RES 680 OHM 1/4W 10% FIXED COMP RES 680 OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH
			0.50			••
	P F5 *	330-3010-48 330-3010	RES IK OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	£2 *	330-3010	RES IK OHM 1/4W 10% FIXED COMP		1.0000	EACH
	K	*********				
<b>)</b>	P F5 #	330-3012-48	RES 1.2K OHM 1/4W 10% FIXED COMP RES 1.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	E2 #	550-3012	RES 1.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH
	P FS *					
5	h +2 #	J3U ~48	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH

MB0080-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN DATE: 10/11/78

PAGE 4

ASSEMBLY PART NUMBER 177-9238- - - ASSEMBLY DESCRIPTION 5506-1 WK/ST

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KITIPROD STR)

POSITION IN	I EGEND	COMPONENT	DESCRIPTION	5 C N	
STRUCTURE	1 2 3		DESCRIPTION	EUN	PER ASSY
6	FS *	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000 EACH
5		330-3047-48	RES 4.7K OHM 1/4W 10% FIXED COMP		2.0000 EACH
6.	F5 #	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000 EACH
5 6		330-3068-48 330-3068	RES 6.8K OHM 1/4W 10% FIXED COMP.		2.0000 EACH
5		330-4015-48			
6		330-4015	RES 15K OHM 1/4W 10% FIXED COMP RES 15K OHM 1/4W 10% FIXED COMP		1.0000 EACH
5	P FS *	330-4018-48	RES 18K OHM 1/4W 10% FIXED COMP		1.0000 EACH
6		330-4018	RES 18K OHM 1/4W 10% FIXED COMP		1.0000 EACH
5		330-4022-48	RES 22K OHM 1/4W 10% FIXED FILM		1.0000 EACH
6	FS *	330-4022	RES 22K OHM 1/4W 10% FIXED FILM		1.0000 EACH
5 6		330-4027-48 330-4027	RES 27K OHM 1/4W 10% FIXED COMP RES 27K OHM 1/4W 10% FIXED COMP		1.0000 EACH
-					
5 6		330-4068-4B 330-4068	RES 68K OHM 1/4W 10% FIXED COMP RES 68K OHM 1/4W 10% FIXED COMP	EC8519	1.0000 EACH
5	P FS *	330-5010-48	RES 100K OHM 1/4W 10% FIXED COMP		3.0000 EACH
6		330-5010	RES 100K OHM 1/4W 10% FIXED COMP		1.0000 EACH
		330-5022-48	RES 220K OHM 1/4W 10% FIXED COMP		
6	11/1 #	330-5022	RES 220K OHM 1/4W 10% FIXED COMP		1.0000 EACH
5 6		330-5027-48 330-5027	RES 270K OHM 1/4W 10% FIXED COMP RES 270K OHM 1/4W 10% FIXED COMP		1.0000 EACH
5					
6		330-6012-48 330-6012	RES 1-2M OHM 1/4W 10% FIXED COMP RES 1-2M OHM 1/4W 10% FIXED COMP		1.0000 EACH 1.0000 EACH
5	PFS *	330-6047-48	RES 4.7M OHM 1/4W 10% FIXED COMP		1.0000 EACH
6		330-6047	RES 4.7M OHM 1/4W 10% FIXED COMP		1.0000 EACH
5	IN	331-0022	RES 2.2 OHM 1/2W 10% FIXED COMP		1.0000 EACH
5 5	I N I N	331-2010 332-1033	RES 100 OHM 1/2W 10% FIXED COMP RES 33 OHM 1W 10% FIXED COMP	EC7776	1.0000 EACH 1.0000 EACH
5 5	I N I N	333-0067 336-0031	RES 8.25K OHM 1/8W 1% FIXED FILM 2.5 MEG OHM POT 750V		1.0000 EACH
5	IN	336-1015	RES 10K OHM VAR TRIM SIDE ADJ SQ		1.0000 EACH
5	IN	336-1019	RES 100K OHM VAR TRIM SIDE ADJ SQ		1.0000 EACH
5 5	I N I N	336-1020 336-1021	RES 5K OHM VAR TRIM SIDE ADJ SQ RES 20 OHM VAR TRIM SIDE ADJ SQ	EC 7776	2.0000 EACH 1.0000 EACH
5	IN	337-1056	RES 56 OHM 2W 10% FIXED COMP		1.0000 EACH
5	IN	337-3012	RES 1.2K OHM 2W 10% FIXED COMP		1.0000 EACH
5	IN	276 1214	MPS 6512 SILICON TRANSISTOR		1.0000 EACH
5 5	I N I N	375-1014 375-1027	MPS 6518 SILICON TRANSISTOR TSTR 2N3725 0.8W 80V SH NPN S		1.0000 EACH
•		J. J. LUL!	1210 EUSIES NOOM OUR 3U IALIA 2		1.0000 EACH

ASSEMBLY PART NUMBER 177-9238- --ASSEMBLY DESCRIPTION 5506-1 WK/ST

## LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KITT PROD STR)

OSITION IN	LEGEND	COMPONENT	DESCRIPTION	ECN	QUANT LTY	II/M THI
STRUCTURE	1 2 3	PART NUMBER			PER ASSY	
					TER ASSI	
5	IN	375-1056	MPS-U04 TRANSISTOR BU-124 TRANSISTOR TRANSIPAD 8977887-1 LARGE IC NE592A VIDEO AMP TBA 950 I.C. TDA 1044 I.C. D035 SIL DIODE 30V, 100MA AT 1V .48		1.0000	FACU
5	ĪN	375-1057	BU-124 TRANSISTOR		1 0000	EACH
5	IN	375-9001	TRANSIPAD 8977887-1 LARGE		1.0000	EACH
5	IN	376-0239	TO NESGRA VIDEO AMP		1.0000	EACH
5	ĬŇ	376-0260	TRA OSO I C		1.0000	FAUN
5	IN	376-0261	TDA 1044 I C		1.0000	EACH
5			DOOR SIL DISCUS DOME ASSOCIATION OF		1.0000	EACH
	F F3 +	380-1001-46	DUSS SIL DIUDE SOV, 100MA AT 1V .4B	EC7776	2.0000	EACH
6	FS	380-1001-R	DO35 SIL DIODE 30V, 100MA AT 1V .4B DO35 SIL DIODE 30V, 100MA AT 1V TGR		1.0000	EACH
5	7.41	380 3064	DIA 15N 1N350 A . 5 AN ABOUT A DA			The state of the s
	IN	380-2056	010 ZEN 1N752 A 5.6V 400MH S DO-7		1.0000	EACH
5	TN	380-2091	DIO ZEN 1N757 A 9.1V 400MW S DO-7		1.0000	EACH
5	IN	380-3009	VG-1X RECTIFIER 1KV		2.0000	EACH
5	IN	380-3010	SIF4 400V DIODE		2.0000	EACH
5	IN	380-3012	3SIF2 3AMP 200V RECTIFIER		1.0000	FACH
5	FS	380-4000	DIO 1N4004 400V 1A RECT S D041		1.0000	FACH
5	IN IN IN FS IN	410-1006	EX4061 TRANSFMR HORZ DR C5048-1004		1 0000	EACH
5	IN	510-7454	7456 PCR GORMER MAC CADE DEADS CAPE		1.0000	CMUTI
5	ĪN	650-2102	CCD 4_40 EAL BAN COT ME NOT		1-0000	EACH
5	IN	452-2001-	SUR THO STIE PAR SLUT HS NYL		1.0000	EACH
-	1.0	652-2001	MUI 4-40UNC HEX KEG PAI NYLUN		1.0000	EACH
5	FS	660-0123	D035 SIL DIODE 30V, 100MA AT 1V .48 D035 SIL DIODE 30V, 100MA AT 1V TGR  D10 ZEN 1N752 A 5.6V 400MM S D0-7 D10 ZEN 1N757 A 9.1V 400MW S D0-7 VG-1X RECTIFIER 1KV SIF4 400V DIODE 3SIF2 3AMP 200V RECTIFIER D10 1N4004 400V 1A RECT S D041 EX4061 TRANSFMR HORZ DR C5068-1006 7456 PCB 928MCR MAG CARD READR CNTL SCR 4-40 5/16 PAN SLOT MS NYL NUT 4-40UNC HEX REG PAT NYLON THERMAL COMPOUND DOW#340(14 OZ TUBE BRIGHTNESS POY CABLE ASSY C6482-140		-0100	EACH
4	TAI	220-0160	DD COUTHERS DOS CARLE ACCHIOCACO			
7_	1 14	220-0160	BRIGHINESS PUT CABLE ASSY C6482-140		1.0000	EACH
5	IN	000-0004	SUB-SYSTEMS		.3730	EACH
5	IN	000-0011	LABOR QUALITY CONTROL		•0750	
5	P FS *	330-1068-48	RES 68 OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	IN *	330-1068	BRIGHTNESS POY CABLE ASSY C6482-140 SUB-SYSTEMS LABOR QUALITY CONTROL RES 68 OHM 1/4W 10% FIXED COMP RES 68 OHM 1/4W 10% FIXED COMP 250K OHM POT (BRIGHTNESS) 250.0HM CONTRAST CONTROL WIRE 22 GA BLACK WIRE 22 GA WHITE		1.0000	EACH
_						
5	IN	336-0032	250K OHM POT (BRIGHTNESS)		1.0000	EACH
5	IN	336-0035	250.0HM CONTRAST CONTROL	RF2401	1.0000	EACH
5	P FS *	600-1000	WIRE 22 GA BLACK	EC7092	4.0000	FEET
6	PFS	600-1009	WIRE 22 GA WHITE		1.0000	FEET
5		600-1002	WIRE 22 GA RED	EC7092	2.0000	FEET
6	PFS	600-1009	WIRE 22 GA RED WIRE 22 GA WHITE		1.000C	FEET
_						
5		600-1004	WIRE 22 GA YELLOW	EC7092	2.0000	FEET
6	PFS	600-1009	WIRE 22 GA YELLOW WIRE 22 GA WHITE		1.0000	FEET
_						
5		600-1009	WIRE 22 GA WHITE TUBING #10 CLEAR	EC7092	4.0000	FEET
5	FS	605-0000	TUBING #10 CLEAR	EC 8399	.2000	FEET
5	FS *	605-1004	CABLE TYE, PAN-TY PLTIM-M	RF2401	6.0000	EACH
5	FS *	654-1165-R	CABLE TYE, PAN-TY PLTIM-M SOCKET 30-22 GA(REEL)AMP 3500078-4	EC8399	6.0000	EACH
5	IN	654-1185	6 POS SOC HOUSING AMP 1-480270-0	RF2401	1.0000	EACH
				-		
	IN	270-3068	12" CRT HARNESS ASSY D6482-139 SUB-SYSTEMS LABOR QUALITY CONTROL 110 DEG CRT SOCKET		1.0000	* EACH
5	IN	000-0004	SUB-SY STEMS		. 7560	EACH
5	ĪN	000-0011	LABOR QUALITY CONTROL		1510	
5	IN	350-2072	110 DEG CRT SOCKET		1 0000	EACH
5	FS	420-0018	1 COND 24 GA SHIELDED CABLE AL 1702	EC 940E	1.0000	EAUT
5	, ,	720-0010	I CUND 27 GA SMICLUEU CABLE AL ITUZ	てしりサソフ	1.4200	rtti
	0 55	400-1000	WIRE 22 GA BLACK WIRE 22 GA WHITE	としひもソフ	2.0400	
6	r +2	600-1009	WIKE 22 GA WHITE		1.0000	FEET

PAGE

ASSEMBLY PART NUMBER 177-9238- - LEGEND

ASSEMBLY DESCRIPTION 5506-1 MK/ST LEGEND STR)

POSITION IN		COMPONENT	DESCRIPTION	ECN	QUANT I TY	U/M	I ML
STRUCTURE	1 2 3	PART NUMBER			PER ASSY		
5	P FS .	600-1002	WIRE 22 GA RED		1.2500	FEET	
<b>_</b> 6	PFS	600-1009	WIRE 22 GA WHITE		1.0000	FEET	
					1.0000		
5	P FS *	600-1004	WIRE 22 GA YELLOW WIRE 22 GA WHITE	EC8495	1-4200	FEET	
6	PFS	600-1009	WIRE 22 GA WHITE		1.0000		
5	PFS +	600-1009	WIRE 22 GA WHITE TUBING #5 CLEAR	EC8495	2.2500	FEET	
5	FS *	605-0014			.3300	FEET	
5	F5	605-0021	TUBING HEATSHRINK 1/801A TRRAD POLY	EC8495	.0600	FEET	
5	IN	654-0100	15 DUAL POS EDGE CONN MOL#09-506155 #6 GROUND LUG 1414-4 PIN HOUSING 1-480319-0		1.0000	EACH	
5	IN	654-1004	#4 GROUND LUG 1414-4		1.0000	EACH	
5	IN	654-1147	PIN HOUSING 1-480319-0		1.0000	EACH	
5	IN	654-1149	PIN HOUSING 1-480305-0	RF2401	1.0000	EACH	
5		654-1164-R	PIN TERM 20-14 GA(REEL)AMP 61118-4		1.0000	EACH	
3	FS *	654-1166-R	PIN TERM 30-22 GAIREEL JAMP3500079-4	RF2401	9.0000	EACH	-
			TINGE TO SELECT THE MANUAL PROPERTY OF THE PRO				
4_	IN	270-3092			1.0000	EACH	
5	IN	000-0004	SUB-SYSTEMS		.0330	EACH	
5	IN	000-0011	LABOR QUALITY CONTROL DEFLECTION YOKE EX5012 C6815-902		-0070	F 4 C 1 1	
5	IN .	320-0052 654-0101-R	CRYMP TERMINAL EDGE CONN#08-05-0301		1.0000	EACH	
,	F3 +	034-0101-K	CKINE IEKWINAT EDGE COMMROS-02-0301		4.0000	EACH	
<del></del>	IN	270-3104	12"FLYBACK XFORMER HARN C6482-327	EC 0773	1.0000	EACH	
<b>`</b> 5	ÍN	410-1007	EX4002 FLYBACK TRANSFHER C5068-1007		1.0000	EACH	
<del>- 5</del>	PFS	600-0500	20 GA WIRE BLK UL		-9100	FEET	
5	PFS	600-0501	20 GA WIRE BRN UL W/OFF-76		.8700	FEET	
<u> </u>	FS	600-0509	20 GA WIRE WHT UL		1.0000	FEET	
•							
5	PFS	600-0502	20 GA WIRE RED UL		. 8700	FEET	
6	FS	600-0509	20 GA WIRE RED UL 20 GA WIRE WHT UL		1.0000	FEET	
5	P FS	600-0503	20 GA WIRE ORN UL W/OFF-73		-9100	FEET	
6	FS	600-0509	20 GA WIRE ORN UL W/OFF-73		1.0000	FEET	
5	P FS	600-0505	20 GA WIRE GRN UL W/OFF-76		.8700	FEET	
6	FS	600-0509	20 GA WIRE GRN UL W/OFF-76 20 GA WIRE WHT UL		1.0000	FEET	
_							
5	PFS	600-0506	20 GA WIRE BLU UL		. 8300	FEET	
6	FS	600-0509	20 GA WIRE WHT UL		1.0000	FEET	
5		7.43 46.43	""'AR''ST 'NEAP' WE A'WA'' ' TO'' ' TO ABPP ' WA''				
<b>7</b>	PFS	600-0507	20 GA WIRE VIO UL W/OFF-73		-8300	FEET	
	FS	600-0509	20 GA WIRE WHT UL		1.0000	reci	
5	FS	654-0101-R	CRIMP TERMINAL EDGE CONN#08-05-0301		8.0000	EACH	
5	IN	654-1004	#4 GROUND LUG 1414-4		3.0000	EACH	
,	114	0)4-100 <del>4-</del>	AA OVOMID FOR TATALA		3.0000	EMUN	
		337-1024	RES 24 OHM 2W 10% FIXED COMP	EC9641	.0000	FACH	
<u>.</u>		JJ1" AUGT		LUTUTI		EACH	
4	IN	340-0101	TUBE CATHODE RAY 12" RECT P31	EC 0441	1-0000		
4	IN +	340-0101 340-0101-2	TUBE CATH RAY 12" W/PPG SYL P31	EC 9641	.0000	EACH	
4	IN	340-0101		EC 9641			

MBD 080-A MULTI-LEVEL BILL OF MATERIAL AS OF RUN DATE: 10/11/78

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ASSEMBLY PART NUMBER 177-9238- - LEGEND
ASSEMBLY DESCRIPTION 5506-1 WK/ST 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; OF KITTPROD STRT

14   451-1121	ION IN		COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
N   451-38567 - PANEL, SIDEIL, H.) 112*MID6836-102		IN	451-1121	CHASSIS 170 W. MOTING W. N. C. 1. 2122 AHD		· ····································		
18		ĪN		PANEL - SIDE (1 - H-) (12 MA) D6836-102		1.0000	EACH	
10		IN		PANEL SINEID W. 1/12 MIDAGA-102		1.0000	EAUH	
10				BRKT NFCKSAVER(120M)CAR3A-107		1.0000	EACH	
IN 465-1643 SPRING, GROUNDING (12 **MON) 1868 36-105				BRKT-SUPPORTATIONNI RARAGA-104		1.0000	EACH	
IN 465-1643 SPRING, GROUNDING (12 **MON) 1868 36-105		IN		GUIDE-CARD RCG-2 AM		1.0000	EACH	
IN 651-0024 #8X174 HEX HO SLOT TAP SCR TYPE-B EC8534 1.0000 EACH IN 651-0025 #10X5/16 HEX HO SLOT TAP SCR TYPE-B 4.0000 EACH IN 651-0030 SCREW, SELE TAP T-B #XX1/27 LEVENDE PH 2.0000 EACH IN 651-0037 SCREW, SELE TAP T-B #XX1/27 LEVENDE PH 2.0000 EACH IN 651-0037 SCREW, SELE TAP T-B #XX1/27 LEVENDE PH 2.0000 EACH IN 653-2002 MASH 4 .12310 .26500 TNT T ST 3.0000 EACH IN 654-1084 6 POS PIN HOUSING AMP 1-4802/5-0 1.0000 EACH IN 656-1008 MAGNET, YELLOW TYPE I (2169) EC8482 1.0000 EACH IN 656-1008 MAGNET, YELLOW TYPE I (2169) EC8482 1.0000 EACH IN 656-1010 MAGNET, YELLOW TYPE I (2169) EC8482 1.0000 EACH IN 656-1010 MAGNET, YELLOW TYPE I (2169) EC8482 1.0000 EACH IN 656-1010 MAGNET, YELLOW TYPE I (2169) EC8482 1.0000 EACH IN 656-10027 IF PERMACKELL TAPE #872 IBLACK) 1.0000 EACH IN 660-0027 IF PERMACKELL TAPE #872 IBLACK) 1.0000 FECT FS 660-0055 SNAP-ON POLYNER 40-106 (25*ROLL) 1.1000 FECT FS 660-0055 SNAP-ON POLYNER 40-106 (25*ROLL) 1.1000 FECT FS 660-0196 GLUE, HOTMELTT, 7500X L-375LGT EC9776 .0600 EACH IN 651-0037 SCR 8378 HEX HD SLT SELF TAP B CAD EC8534 3.0000 EACH IN 000-0001 LABOR QUALITY CONTROL 1.0000 EACH IN 000-0011 LABOR QUALITY CONTROL 1.0000 EACH IN 000-0001 LABOR QUALITY CONTROL 1.0000 EACH IN 000-0001 LABOR QUALITY CONTROL 1.0000 EACH IN 000-0001 LABOR QUALITY CONTROL 1.0000 EACH IN 000-0001 LABOR QUALITY CONTROL 1.0000 EACH IN 000-0001 LABOR QUALITY CONTROL 0.1000 IN 220-3014 24 COND IA*FLAT CABLE C-6482-79 EC8712 1.0000 EACH IN 300-1903 CAP .01 UF +80-20X 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF +80-20X 25 V CERAMIC D 2.0000 EACH IN 300-4002 CAP .01 UF +80-20X 25 V CERAMIC D 2.0000 EACH IN 300-4002 CAP .01 UF +80-20X 25 V CERAMIC D 2.0000 EACH IN 300-4002 CAP .10 UF 15 V 10X TANT AXIAL 1.0000 EACH IN 300-4002 CAP .10 UF 15 V 10X TANT AXIAL 1.0000 EACH IN 300-4002 CAP .10 UF 15 V 10X TANT AXIAL 1.0000 EACH FS * 330-2047-48- RES 470 OHM 1/4M 10X FIXED COMP 1.0000 EACH FS * 330-2048 RES 470 OHM				SPERINFIRIN AVANTA CALANTADRA 925-505		2.0000	EACH	
IN 651-0024 #8X174 HEX HO SLUT TAP SCR TYPE-B EC8534 1.0000 EACH IN 651-0025 #10X5/16 HEX HD SLUT TAP SCR TYPE-B 4.0000 EACH IN 651-0030 SCREWISELF TAP T-B #8X172H PNHD PH 2.0000 EACH IN 651-0037 SCR 8X3/8 HEX HD SLUT SELF TAP B CAD EC8534 8.0000 EACH IN 651-0037 SCR 8X3/8 HEX HD SLUT SELF TAP B CAD EC8534 8.0000 EACH IN 653-0020 WASH 4 .12310 .26500 TNN T ST 3.0000 EACH IN 654-1086 MAGNETY-ELUTW TYPE I (2169) EC8482 1.0000 EACH IN 656-1008 MAGNETY-ELUTW TYPE I (2169) EC8482 1.0000 EACH IN 656-1009 MAGNET, FUELDW TYPE I (2169) EC8482 1.0000 EACH IN 656-1010 MAGNET, FUER D TYPE 3 (169) EC8096 8.0000 EACH IN 656-1010 MAGNET, FUER D TYPE 3 (169) EC8096 8.0000 EACH IN 660-0027 I** PERMACELL TAPE B572 IB LACK1 1.0000 EACH IN 660-0027 SNAP-ON POLYMER 40-106 (25*ROLL) 1.0000 EACH IN 660-0035 SNAP-ON POLYMER 40-106 (25*ROLL) 1.0000 EACH IN 651-0037 SCR 8X3/8 HEX HD SLT SELF TAP B CAD EC8534 3.0000 EACH IN 000-004 SUB-SYSTEMS 5.000 EACH IN 000-0011 LABOR QUALITY CONTROL 1.0000 EACH IN 300-1903 24 FIN FLAT CABLE C-6482-79 EC8712 1.0000 EACH IN 300-1903 24 FIN FLAT CABLE PLUG 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN 300-1903 CAP .01 UF 480-20% 25 V CERAMIC D 2.0000 EACH IN		IN		SPRING-GROUNDING(12MMON) BARRA-105		1.0000	EACH	
IN 651-0024 #8XI74 HEX HO SLOT TAP SCR TYPE-B EC8534 1.0000 EACH IN 651-0025 #10X5/16 HEX HO SLOT TAP SCR TYPE-B 4.0000 EACH IN 651-0030 SCR 8X3/8 HEX HO SLOT TAP SCR TYPE-B 4.0000 EACH IN 651-0037 SCR 8X3/8 HEX HO SLOT TAP SCR TYPE-B 4.0000 EACH IN 651-0037 SCR 8X3/8 HEX HO SLOT SELF TAP T-B #6X172*** PNHD PH 2.0000 EACH IN 653-2002 WASH 4 .123TO .2650D TNT T ST 3.0000 EACH IN 653-10037 SCR 8X3/8 HEX HO SLOT SELF TAP T-B #6X172*** PNHD PH 2.0000 EACH IN 654-1086 MAGNET, FUEL TON TYPE I (2169) EC8482 1.0000 EACH IN 656-1006 MAGNET, FUEL TON TYPE I (2169) EC8482 1.0000 EACH IN 656-1000 MAGNET, FUEL TYPE 2 (1166) EC8695 EACH IN 656-1001 MAGNET, FUEL TYPE 2 (1166) EC8096 8.0000 EACH IN 656-1001 MAGNET, FUEL TYPE 2 (1166) EC8096 8.0000 EACH IN 660-0027 I** PERMACELL TYPE 2 (1850) EC8096 8.0000 EACH IN 660-0027 I** PERMACELL TYPE 2 (1850) EC9776 .0600 EACH IN 660-0035 SNAP-ON POLYMER 40-106 (25*ROLL) 1.0000 EACH IN 651-0037 SCR 8X3/8 HEX HO SLT SELF TAP B CAU EC8534 3.0000 EACH IN 000-0004 SUB-SYSTEMS .5000 EACH IN 000-0004 SUB-SYSTEMS .5000 EACH IN 000-0011 LABOR QUALITY CONTROL .1000 EACH IN 000-0011 LABOR QUALITY CONTROL .10000 EACH IN 000-0011 LABOR QUALITY CONTROL .1000 EACH .1000 EACH IN 000-0011 LABOR QUALITY CONTROL .1000 EACH .1000 EACH IN 000-0011 LABOR QUALITY CONTROL .1000 EACH		F5		CABLE TYP. PAN-TY PITIM-M		1.0000	EACH	
IN 651-0025 #10X5/16 HEX HD SLOT TAP SCR TYPE-B		IN		4-40 X 3/8 PAN HD PHI MS SS SENS		2.0000	EACH	
IN 651-0037 - SCR BAS/8 HEX HO SLT SELF TAP B CAD EC8534 IN 655-2002- WASH 123ID -2650D TNT T ST 3.0000 EACH IN 655-1184 - 6 POS PIN HOUSING AMP 1-480276-0 IN 656-1008- MAGNET, YELLOW TYPE I (2169) EC8482 1.0000 EACH IN 656-1009- MAGNET, SLLVER TYPE 2 (1166) 4.0000 EACH IN 656-1010- MAGNET, SLLVER TYPE 2 (1166) 4.0000 EACH IN 656-1011- MAGNET, RUD TYPE 3 (1169) EC8096 8.0000 EACH IN 656-1011- MAGNET, PURPLE TYPE 4 (4167) 4.0000 EACH IN 660-0027- TP PERMACELL TAPE #672 (BLACK) 1.0000 FACH IN 660-0015- SNAP-ON POLYMER 40-106 (25'ROLL) 1.1100 FEET FS 660-0196- GLUE, HOTMELTT, FOODXL-3751G TEG9776 .0500 EACH IN 651-0037- SCR BAS/8 HEX HO SLT SELF TAP B CAD EC8534 3.0000 EACH IN 000-001- LABOR QUALITY CONTROL 1.0000 EACH IN 000-001- SUB-SYSTEMS .7140 IN 220-3014- 24 COND 14*FLAT CABLE C-6482-79 EC8712 1.0000 EACH IN 000-001- LABOR QUALITY CONTROL .1430 IN 220-3014- 24 COND FLAT CABLE 3H 3365724 1.1700 EACH IN 300-1903- SUB-SYSTEMS .7740 IN 300-1903- CAP .05 UF *80-20% 12 V CERAMIC D 1.0000 EACH IN 300-1903- CAP .01 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-1903- CAP .01 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-1903- CAP .01 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .		IN	651-0024	#8XI/4 HEX HO SLOT TAP SCR TYPE-A	FCBK34	2.0000	EACH	
IN 651-0037 - SCR BAS/8 HEX HO SLT SELF TAP B CAD EC8534 IN 655-2002- WASH 123ID -2650D TNT T ST 3.0000 EACH IN 655-1184 - 6 POS PIN HOUSING AMP 1-480276-0 IN 656-1008- MAGNET, YELLOW TYPE I (2169) EC8482 1.0000 EACH IN 656-1009- MAGNET, SLLVER TYPE 2 (1166) 4.0000 EACH IN 656-1010- MAGNET, SLLVER TYPE 2 (1166) 4.0000 EACH IN 656-1011- MAGNET, RUD TYPE 3 (1169) EC8096 8.0000 EACH IN 656-1011- MAGNET, PURPLE TYPE 4 (4167) 4.0000 EACH IN 660-0027- TP PERMACELL TAPE #672 (BLACK) 1.0000 FACH IN 660-0015- SNAP-ON POLYMER 40-106 (25'ROLL) 1.1100 FEET FS 660-0196- GLUE, HOTMELTT, FOODXL-3751G TEG9776 .0500 EACH IN 651-0037- SCR BAS/8 HEX HO SLT SELF TAP B CAD EC8534 3.0000 EACH IN 000-001- LABOR QUALITY CONTROL 1.0000 EACH IN 000-001- SUB-SYSTEMS .7140 IN 220-3014- 24 COND 14*FLAT CABLE C-6482-79 EC8712 1.0000 EACH IN 000-001- LABOR QUALITY CONTROL .1430 IN 220-3014- 24 COND FLAT CABLE 3H 3365724 1.1700 EACH IN 300-1903- SUB-SYSTEMS .7740 IN 300-1903- CAP .05 UF *80-20% 12 V CERAMIC D 1.0000 EACH IN 300-1903- CAP .01 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-1903- CAP .01 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-1903- CAP .01 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .07 UF *80-20% 12 V CERAMIC D 2.0000 EACH IN 300-4002- CAP .		IN	651-0025	#10X5/16 HEX HD SLOT TAP SCR TYPE-R	CC0734	4 0000	EACH	
IN 651-0037 SCR 883/8 HEX HD SLT SELF TAP B CAD EC8534 8.0000 EACH IN 659-2002 WASH 4 .12310-2650D TNT T ST 3.0000 EACH IN 654-1184 6 POS PIN HOUSING AMP 1-480276-0 IN 656-1008 MAGNAET, YELLUW TYPE 1 (2169) EC8482 1.0000 EACH IN 656-1009 MAGNAET, SILVER TYPE 2 (1166) EC8482 1.0000 EACH IN 656-1010 MAGNET, RED TYPE 3 (169) EC8096 8.0000 EACH IN 656-1011 MAGNET, PURPLE TYPE 4 (4167) EC8096 8.0000 EACH IN 656-1011 MAGNET, PURPLE TYPE 3 (1169) EC8096 8.0000 EACH IN 656-1011 MAGNET, PURPLE TYPE 4 (4167) EC8096 8.0000 EACH IN 656-1011 SCR 8X3/8 HEX HD SLT SELF TAP B CAU EC8534 1.0000 EACH IN 656-1009 GLUE, HOT MELT (.7500X 1.375LG) EC9776 .0600 EACH IN 651-0037 SCR 8X3/8 HEX HD SLT SELF TAP B CAU EC8534 3.0000 EACH IN 000-0011 LABOR QUALITY CONTROL .1000 EACH .1000 EACH IN 000-0011 LABOR QUALITY CONTROL .1000 EACH .10000 EACH .10000 EACH .10000 EACH .10000 EACH .10000 EACH .10000 EAC		TN	651-0030	SCREW-SELF TAP T-R #44172W DNHO DH		7.0000		
IN 654-1184 6 POS PIN HOUSING ANP 1-480276-0  IN 656-1008 MAGNET, VELLOW TYPE I (2169)		IN		SCR 8X3/8 HEX HO SIT SELE TAP B CAD	EC 8 5 3 4	2.0000		
1N   656-1009 -		IN	653-2002	WASH 4 12310 24500 TNT T CT	CC0 754	0.0000	CAUH	
1N   656-1010   MAGNET, VELLOW TYPE   1   2169    EC882   1.0000   EACH     1N   656-1010   MAGNET, SILVER TYPE   3   169    EC8096   8.0000   EACH     1N   656-1011   MAGNET, RED   TYPE   3   169    EC8096   8.0000   EACH     1N   656-1011   MAGNET, PUPPLE   TYPE   4   4167    4.0000   EACH     1N   660-0027   1		IN		6 POS PIN HOUSING AND 1-480276-0		1 0000	EACH	
IN 656-1010 MAGNET, PURPLE TYPE 4 (167) 4.0000 EACH IN 656-0017 IN PERMACELL TAPE #672 (BLACK) 1.0000 EACH IN 660-0027 IN PERMACELL TAPE #672 (BLACK) 1.0000 EACH ES 660-0196 GLUE, HOT NELT (T.7500XI.375LG) EC 9776 .0600 EACH  IN 651-0037 SCR 8X378 HEX HD SUT SELF TAP B CAD EC8534 3.0000 EACH  IN 270-0447 II4 REAR PANEL ASSY 1.0000 EACH IN 000-0004 SUB-SYSTEMS .5000 EACH IN 000-0011 LABOR QUALITY CONTROL .1000 IN 210-7313 7313 CRT JUNCTION BOARD 1.0000 EACH IN 000-0011 LABOR SUB-SYSTERS .7140 IN 000-0011 LABOR SUB-SYSTERS .7140 IN 000-0011 LABOR QUALITY CONTROL .1430 IN 220-3014 24 COND 14*FLAT CABLE C-6482-79 EC8712 1.0000 EACH IN 000-0011 LABOR QUALITY CONTROL .0160 IN 350-0403 24 PIN FLAT CABLE PLUG .0160 IN 350-0403 24 PIN FLAT CABLE BHUG .0160 IN 300-1903 CAP .01 UF +80-20% 12 V CERAMIC D .0000 EACH IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D .0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH IN 300-4002 CAP .7.0 UF 15 V 10% TANT AXIAL 1.0000 EACH IN 300-4002 CAP .7.0 UF 15 V 10% TANT AXIAL 2.0000 EACH FS 330-2047-40- RES 470 OHM 1/4M 10% FIXED COMP 1.0000 EACH FS 330-2048-40- RES 470 OHM 1/4M 10% FIXED COMP 1.0000 EACH FS 330-2048-40- RES 470 OHM 1/4M 10% FIXED COMP 1.0000 EACH FS 330-2048-40- RES 470 OHM 1/4M 5% FIXED COMP 1.0000 EACH FS 330-2048-60- RES 10 OHM 1/4M 10% FIXED COMP 1.0000 EACH		IN	656-1008	MAGNET VELTOW TYPE 1 171201	- CC 8 & 9 2			
IN 656-1010 MAGNET, PURPLE TYPE 4 (167) 4.0000 EACH IN 656-0017 I* PERMACELL TAPE #672 (BLACK) 1.0000 FEET FS 660-0057 SNAP-ON POLYMER 40-106 (25*ROLL) 1.100 FEET FS 660-0196 GLUE, HOT MELT (.7500XI.375LG) EC 9776 .0600 EACH  IN 651-0037 SCR 8X378 HEX HD SLT SELF TAP B CAD EC8534 3.0000 EACH  IN 270-0447 I14 REAR PANEL ASSY 1.0000 EACH IN 000-0004 SUB-SYSTEMS .5000 EACH IN 000-0011 LABOR QUALITY CONTROL .1000 IN 210-7313 7313 CRT JUNCTION BOARD 1.0000 EACH IN 000-0011 LABOR SUB-SYSTERS .7140 IN 000-0011 LABOR SUB-SYSTERS .7140 IN 000-0011 LABOR QUALITY CONTROL .1430 IN 220-3014 24 COND 14*FLAT CABLE C-6482-79 EC8712 1.0000 EACH IN 000-0011 LABOR QUALITY CONTROL .0160 IN 350-0403 24 PIN FLAT CABLE PLUG .0160 IN 350-0403 24 PIN FLAT CABLE PLUG .0160 IN 300-1903 CAP .01 UF +80-20% 12 V CERAMIC D .0000 EACH IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D .0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXTAL 1.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXTAL 1.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXTAL 1.0000 EACH IN 300-4002 CAP .7.0 UF 15 V 10% TANT AXTAL 1.0000 EACH FS 330-2047-40- RES 470 OHM 1/4M 10% FIXED COMP 1.0000 EACH FS 330-2048 RES 470 OHM 1/4M 10% FIXED COMP 1.0000 EACH FS 330-2048 RES 470 OHM 1/4M 5% FIXED COMP 1.0000 EACH FS 330-2048 RES 470 OHM 1/4M 5% FIXED COMP 1.0000 EACH FS 330-2048 RES 470 OHM 1/4M 5% FIXED COMP 1.0000 EACH		IN	656-1009	MAGNET-SILVER TYPE 2 (1166)	EC0402			
1		IN	656-1010	MAGNET RED TYPE 3 (179)	Erono4-	**************************************		
1		IN	656-1011	MAGNET PURPLE TYPE A (A167)	20000	4 0000		
TN 651-0037 SCR 8X3/8 HEX HD SUT SELF TAP B CAD EC8534 3.0000 EACH  IN 270-0447 114 REAR PANEL ASSY 1.0000 EACH  IN 000-0004 SUB-SYSTEMS .5000 EACH  IN 000-0011 LABOR QUALITY CONTROL .1000  IN 210-7313 7313 CRT JUNCTION BOARD 1.0000 EACH  IN 000-0001 LABOR SUB-SYSTEMS .7140  IN 000-0011 LABOR QUALITY CONTROL .1430  IN 220-3014 24 COND 14*FLAT CABLE C-6482-79 EC8712 1.0000 EACH  IN 000-0001 LABOR QUALITY CONTROL .0160  IN 220-3014 24 COND 14*FLAT CABLE C-6482-79 EC8712 1.0000 EACH  IN 000-0001 LABOR QUALITY CONTROL .0160  IN 350-0403 24 PIN FLAT CABLE PLUG .0000 EACH  FS 420-0050 24 COND FLAT CABLE 3M 3365724 1.1700 FEET  IN 300-1900 CAP .05 UF +80-20% 25 V CERAMIC D 2.0000 EACH  IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH  IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH  IN 300-4020 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH  IN 300-4020 CAP .15.0 UF 20 V 10% TANT AXIAL 2.0000 EACH  IN 300-4022 CAP .15.0 UF 20 V 10% TANT AXIAL 2.0000 EACH  FS * 330-2047-4B- RES 470 OHM 1/4W 10% FIXED COMP 1.0000 EACH  FS * 330-2048-4B- RES 470 OHM 1/4W 10% FIXED COMP 1.0000 EACH  FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH  PFS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP 2.0000 EACH		IN	660-0027	TO PERMACELL TADE 4279 LDI ACV		1.0000	EACH	
TN 651-0037 SCR 8X3/8 HEX HD SUT SELF TAP B CAD EC8534 3.0000 EACH  IN 270-0447 114 REAR PANEL ASSY 1.0000 EACH  IN 000-0004 SUB-SYSTEMS .5000 EACH  IN 000-0011 LABOR QUALITY CONTROL .1000  IN 210-7313 7313 CRT JUNCTION BOARD 1.0000 EACH  IN 000-0001 LABOR SUB-SYSTEMS .7140  IN 000-0011 LABOR QUALITY CONTROL .1430  IN 220-3014 24 COND 14*FLAT CABLE C-6482-79 EC8712 1.0000 EACH  IN 000-0001 LABOR QUALITY CONTROL .1430  IN 220-3014 24 COND 14*FLAT CABLE C-6482-79 EC8712 1.0000 EACH  IN 000-0001 LABOR QUALITY CONTROL .0160  IN 350-0403 24 PIN FLAT CABLE PLUG .2.0000 EACH  FS 420-0050 24 COND FLAT CABLE 3M 3365724 1.1700 FEET  IN 300-1900 CAP .05 UF +80-20% 25 V CERAMIC D .2.0000 EACH  IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH  IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH  IN 300-4020 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH  IN 300-4020 CAP .15.0 UF 20 V 10% TANT AXIAL 1.0000 EACH  IN 300-4022 CAP .15.0 UF 20 V 10% TANT AXIAL 2.0000 EACH  FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP 2.0000 EACH  FS * 330-2048-48- RES 470 OHM 1/4W 10% FIXED COMP 1.0000 EACH  FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH  PFS * 330-3010-48- RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH  PFS * 330-3010-48- RES 470 OHM 1/4W 5% FIXED COMP 2.0000 EACH				SNAP-ON POLYMER 40-106 (25 POLL)		1.0000	FEET	
IN 270-0447 114 REAR PANEL ASSY		FS		GLUE HOT NELT C.750 DV 12375LCT	EC 0774	• 1100	TEEL	
IN 000-0004 SUB-SYSTEMS .0790 EACH IN 000-0011 LABOR QUALITY CONTROL .0160 IN 350-0403 24 PIN FLAT CABLE PLUG .2.0000 EACH FS 420-0050 24 COND FLAY CABLE 3H 3365724 .1.1700 FEET  IN 300-1900 CAP .05 UF +80-20% 25 V CERAMIC D .2.0000 EACH IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D .2.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL .1.0000 EACH IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL .1.0000 EACH IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL .2.0000 EACH FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP .2.0000 EACH FS * 330-2047 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH PFS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP .1.0000 EACH PFS * 330-2048 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH  PFS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP .2.0000 EACH						1.0000°	EACH	
IN 000-0011 LABOR QUALITY CONTROL IN 350-0403 24 PIN FLAT CABLE PLUG FS 420-0050 24 COND FLAT CABLE 3H 3365724  IN 300-1900 CAP .05 UF +80-20% 12 V CERAMIC D IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL IN 300-4002 CAP 47.0 UF 15 V 10% TANT AXIAL IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL P FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP		IN	000-0011	LABOR QUALITY CONTROL		-1000	CAUN	
IN 000-0011 LABOR QUALITY CONTROL IN 350-0403 24 PIN FLAT CABLE PLUG FS 420-0050 24 COND FLAT CABLE 3H 3365724  IN 300-1900 CAP .05 UF +80-20% 12 V CERAMIC D IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL IN 300-4002 CAP 47.0 UF 15 V 10% TANT AXIAL IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL P FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP		IN	210-7313	7313 CRT JUNCTION BOARD		1-0000	EACH	
IN 000-0004 SUB-SYSTEMS .0790 EACH IN 000-0011 LABOR QUALITY CONTROL .0160 IN 350-0403 24 PIN FLAT CABLE PLUG .2.0000 EACH FS 420-0050 24 COND FLAT CABLE 3H 3365724 .1.1700 FEET  IN 300-1900 CAP .05 UF +80-20% 12 V CERAMIC D .2.0000 EACH IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D .2.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL .1.0000 EACH IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL .1.0000 EACH IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL .2.0000 EACH FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP .2.0000 EACH FS * 330-2047 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH PFS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP .1.0000 EACH PFS * 330-2048 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH  PFS * 330-2048 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH  PFS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP .2.0000 EACH		11	000-0001	LABOR SUB-SYSTEMS		.7150		
IN 000-0004 SUB-SYSTEMS .0790 EACH IN 000-0011 LABOR QUALITY CONTROL .0160 IN 350-0403 24 PIN FLAT CABLE PLUG .2.0000 EACH FS 420-0050 24 COND FLAY CABLE 3H 3365724 .1.1700 FEET  IN 300-1900 CAP .05 UF +80-20% 25 V CERAMIC D .2.0000 EACH IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D .2.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL .1.0000 EACH IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL .1.0000 EACH IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL .2.0000 EACH FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP .2.0000 EACH FS * 330-2047 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP .1.0000 EACH PFS * 330-2048 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH PFS * 330-2048 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH  PFS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP .1.0000 EACH		IN	000-0011	LABOR QUALITY CONTROL		.1430		
IN 000-0011 LABOR QUALITY CONTROL .0160 IN 350-0403 24 PIN FLAT CABLE PLUG .0000 EACH FS 420-0050 24 COND FLAT CABLE 3H 3365/24 .1.1700 FEET  IN 300-1900 CAP .05 UF +80-20% 25 V CERAMIC D .0000 EACH IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D .0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL .0000 EACH IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL .1.0000 EACH IN 300-4020 CAP 15.0 UF 20 V 10% TANT AXIAL .2.0000 EACH PFS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP .2.0000 EACH FS * 330-2047 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP .1.0000 EACH PFS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP .1.0000 EACH PFS * 330-2048 RES 470 OHM 1/4W 10% FIXED COMP .1.0000 EACH PFS * 330-3010-48 RES 1K OHM 1/4W 10% FIXED COMP .2.0000 EACH			220-3014	24 COND 14"FLAT CABLE C-6482-79	EC8712	1.0000	FACH	
IN 300-0011 LABOR QUALITY CONTROL IN 350-0403 24 PIN FLAT CABLE PLUG FS 420-0050 24 COND FLAT CABLE 3H 3365724  IN 300-1900 CAP .05 UF +80-20% 12 V CERAMIC D IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL IN 300-4020 CAP .1 UF 35 V 10% TANT AXIAL IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL P FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP FS * 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48- RES 1K OHM 1/4W 10% FIXED COMP  2.0000 EACH			000-0004	SUB-SYSTEMS		.0790		
TN 300-1900 CAP .05 UF +80-20% IZ V CERAMIC D 1.0000 EACH IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D 2.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL 1.0000 EACH IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL 2.0000 EACH IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL 2.0000 EACH PFS # 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP 2.0000 EACH 1.0000 EACH 1				LABOR QUALITY CONTROL				
TN 300-1900 CAP .05 UF +80-20% IZ V CERAMIC D 1.0000 EACH IN 300-1903 CAP .01 UF +80-20% 25 V CERAMIC D 2.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL 1.0000 EACH IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL 2.0000 EACH IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL 2.0000 EACH PFS # 330-2047-48- RES 470 OHM 1/4W 10% FIXED COMP 2.0000 EACH 1.0000 EACH 1				24 PIN FLAT CABLE PLUG		2 0000	EACH	
IN 300-1900 CAP -05 UF +80-20% 12 V CERAMIC D	-	FS	420-0050	24 COND FLAT CABLE 3H 3365724		1.1700	FEET	
IN 300-1903 CAP .01 UF +80-20% 25 V CERANIC D 2.0000 EACH IN 300-4002 CAP .1 UF 35 V 10% TANT AXIAL 1.0000 EACH IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL 1.0000 EACH TN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL 2.0000 EACH PFS * 330-2047-48 RES 470 OHM 1/4W 10% FIXED COMP 2.0000 EACH 1.0000						222.20	•	
IN 300-1903 CAP -01 UF +80-20% 25 V CERAMIC D  IN 300-4002 CAP -1 UF 35 V 10% TANT AXIAL  IN 300-4020 CAP 47.0 UF 15 V 10% TANT AXIAL  IN 300-4022 CAP 15.0 UF 20 V 10% TANT AXIAL  P FS * 330-2047-48 RES 470 OHM 1/4W 10% FIXED COMP  FS * 330-2047 RES 470 OHM 1/4W 10% FIXED COMP  P FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP  P FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP  P FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP  P FS * 330-3010-48 RES 1% OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48 RES 1% OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48 RES 1% OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48 RES 1% OHM 1/4W 10% FIXED COMP  P FS * 330-3010-48 RES 1% OHM 1/4W 10% FIXED COMP  2.0000 EACH				CAP .05 UF +80-20% 12 V CERAMIC D		1.0000	EACH	
P FS # 330-2047-48 RES 470 OHM 1/4W 10% FIXED COMP 2.0000 EACH 1.0000 EACH				CAP .01 UF +80-20% 25 V CERAMIC D		2-0000	EACH	
P FS # 330-2047-48 RES 470 OHM 1/4W 10% FIXED COMP 2.0000 EACH 1.0000 EACH		TN-	300-4002	CAP .1 UF 35 V 10% TANT AXTAL		1,0000	FACH	
P FS # 330-2047-48 RES 470 OHM 1/4W 10% FIXED COMP 2.0000 EACH 1.0000 EACH		- ·	300-4020	CAP 47.0 UF 15 V 10% TANT AXIAL		1.0000	FACH	
P FS # 330-2047-48 RES 470 OHM 1/4W 10% FIXED COMP 2.0000 EACH 1.0000 EACH		TN	300-4022	CAP 15.0 UF 20 V 10% TANT AXTAL		2.0000-	FACH	
FS # 330-2047 RES 470 OHM 1/4W 10% FIXED COMP 1.0000 EACH  P FS # 330-2048-48 RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH  P FS # 330-2048 RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH  P FS # 330-3010-48 RES 1K OHM 1/4W 10% FIXED COMP 2.0000 EACH		PFS *	330-2047-48	RES 470 OHM 1/4W 10% FIXED COMP			FACH	
P FS * 330-2048-48 RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH 1.0000 EACH P FS * 330-2048 RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH P FS * 330-3010-48 RES 1K OHM 1/4W 10% FIXED COMP 2.0000 EACH		F5 +	330-2047	RES 470 OHM 1/4W 10% FIXED COMP	-			
FS + 330-2048 RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH  P FS + 330-3010-48 RES 1K OHM 1/4W 10% FIXED COMP 2.0000 EACH							LHUN	
FS + 330-2048 RES 470 OHM 1/4W 5% FIXED COMP 1.0000 EACH  P FS + 330-3010-48 RES 1K OHM 1/4W 10% FIXED COMP 2.0000 EACH		P F5 *	330-2048-48	RES 470 DHM 174W 5% FIXED COMP		1.0000	FACH	
P FS * 330-3010-48 RES 1K OHM 1/4W 108 FIXED COMP 2.0000 EACH				RES 470 OHM 1/4W 5% FIXED COMP				
TE + 338 3016 PET 14 000 1400							. CACH	
TE + 338 3016 PEC 14 CHILL				RES 1K OHM 1/4W 10% FIXED COMP		2,0000	FACH	

MBOOBO-A MULTI-LEVEL BILL OF MATERIAL AS OF

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ASSEMBLY PART NUMBER 177-9238- -- ASSEMBLY DESCRIPTION 5506-1 WK/ST

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: V=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M IML
4	PFS +	330-3023-48	RES 2.2K DHM 1/4W 5% FTXED COMP			EXPU
5		330-3023	RES 2.2K OHN 1/4W 5% FIXED COMP RES 2.2K OHN 1/4W 5% FIXED COMP		1.0000	FACH
4 5		330-3047-4B	RES 4.7K OHM 1/4W 10% FIXED COMP RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH
,	r5 <del>=</del>	330-3047	KES 4.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH
4	P FS *	330-3082-48				
5		330-3082	RES 8.2K OHM 1/4W 10% FIXED COMP RES 8.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH EACH
				•• ••• • • • • • • • • • • • • • • • • •	1.0000	EACH
•	IN	331-0010	RES 1 OHN 1/2W 10% FIXED COMP RES 1K OHN VAR TRIM TOP ADJ RD CONN 18-36 PC EDGE MT RECPT TSTR 2NZ906A 1.8W 60V SH PNP S 18 TRANSIPAD TO-18 (SMALL)		1.0000	EACH
4	IN	336-1001	RES IK OHN VAR TRIM TOP ADJ"RD""		1.0000	EACH
. 7 .	IN In	350-1044 375-1017	CONN 18-36 PC EDGE MT RECPT	EC8488	1.0000	EACH
Ä	IN	375-9004	TRANSIDAD TO-18 (CMALL)		1.0000	EACH
4	IN	376-0066	IC 723 VOLTAGE REGULATOR		1.0000	EACH
4	ĪN	376-0126	IC 555 TIMER		1.0000	FACH
4	1 N	510-7313	TRANSIPAD TO-18 (SMALL) IC 723 VOLTAGE REGULATOR IC 555 TIMER 7313 PC6 JUNCTION BUARD		1.0000	FACH
	·· IN					
3		220-1042	POZZ WIRE & LUG ASSYTZLERT)D6482-12		1.0000	EACH
7	IN IN	000-0004	SUB-SYSTEMS		• 0090	EACH
4		600-7054	IA GA GREEN/YELLOW STRANGED HIRE	EC 4 705	-0020	
5	FS	600-7009	SUB-SYSTEMS LABOR QUALITY CONTROL 16 GA GREEN/YELLOW STRANDED WIRE 16 GA WHITE STRANDED WIRE	EC0143	1.0000	FEET
					1.0000	FEET
•	FS *	654-0052-R	#6 RING TONGUE BLU BA14-6M(2K/REEL)	EC6795	1.0000	EACH
4	F2 ₩	654-0068-R	#6 FORK LUG BLUE BA14-6M(2K/REEL) #6 FORK LUG BLUE BA14-F6M (2K/REEL)	EC 6795	1.0000	EACH
3	IN	220-1103	CRT BRD (W2)(COAX)B6482-122 SUB-SYSTEMS LABOR QUALITY CONTROL 1 COND 24 GA SHIELDED CABLE AL 1702 SOCKET HOUSING 1-480303-0 SOCKET 30-22 GA(REEL)AMP 3500078-4		1 0000	FAC44
4	IN	000-0004	SUB-SYSTEMS		1.0000	EACH
4	IN	000-0011	LABOR QUALITY CONTROL		-0170	EACH
4	FS	420-0018	1 COND 24 GA SHIELDED CABLE AL 1702	EC 8399	.8300	FEET
4	IN FS *	654-1150	SOCKET HOUSING 1-480303-0		1.0000	EACH
7	L2 ±	654-1165-R	SUCKET 30-22 GA(REEL)AMP 3500078-4		2.0000	EACH
3	IN	325-0033				
3	ĪN	336-0033	100 OHM 2W		1.0000	EACH
3	1 N	336-0034	250 OHM 2W 20% POT( 1/2"SHAFT)		1.0000	EACH
3	IN	350-1036	BNC SOCKET (F) CONN UG1094A		1.0000	EACH
3	IN	360-0000	FUSE HOLDER 90 DEGREE CONTACT		1.0000	EACH
3 3	I N I N	360-9000 360-9002	RUBBER WSHR FOR 360-0000 / 360-0001		1.0000	EACH
3	IN	360-9003	100K HSHB 154605033450B 340.0000414	56.01.00	1.0000	EACH
3	IN	375-1052	TRANSISTOR 2NART (PLASTICE	EC AT 88	1.0000	EACH
3	IN	375-9016	MICA INSULEDE 1038 FOR 375-1034/1035	CC 7100	1.0000	EACH
3	IN	420-1000	CORD POWER 3 COND	FC 91 88	1.0000	FACH
3	IN	451-3632			1.0000	EACH
3 3	I N	451-3922	PANEL REAR SCRND 114 C6862-518 BRKT(2220)CCVER TIE DOWN B6621-33 ORSOLFTE FC8764		1.0000	EACH
3	I N I N	451-4329 451-4687	BRKT(2220)CCVER TIE DOWN B6621-33 OBSOLETE EC8764		2.0000	
3	IN	462-0327	STANDOFF. M/F 4-40/4-40 P4015-100	EC 0407	2.0000	EACH
3	ĪN	478-0420	STANDOFF, M/F 4-40/4-40 B6815-108 HEATSINK, MDL 114 D6862-514 WIRE 18 GA BLACK UL	50 7071	1.0000	EACH ""
3	PFS	600-0000	WIRE 18 GA BLACK UL	EC 9188	.6200	FEET
		•				

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ASSEMBLY PART NUMBER 177-9238- - - ASSEMBLY DESCRIPTION 5506-1 WK/ST

## LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: 4=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3		DESCRIPTION	ECN	QUANTITY		IML
JINUCIUNE		PART NUMBER			PER ASSY		
3	PFS	600-3000	WIRE 26 GA BLACK	FCG18P	TISKON	FEET	
4	FS	600-3009	WIRE 26 GA BLACK WIRE 26 GA WHITE	207100	1-0000	FEET	
3	P FS	600-3002	WIRE 26 GA RED WIRE 26 GA WHITE	EC9188	.5800	FEET	
4	FS	600-3009	WIRE 26 GA WHITE		1.0000	FEET	
_	<u>.</u>						
3	PFS	600-3004	WIRE 26 GA YELLOW WIRE 26 GA WHITE		1.1600	FEET	
4	FS	600-3009	WIRE 26 GA WHITE		1.0000	FEET	
3	P FS	400 3005	11105 B4 C4 C0 CT4				
<b>3</b>	FS	600-3005	WIRE 26 GA GREEN Wire 26 GA White	FC 9 188	-5400	FEET	
•	F 3	000-3003				FEET	
3	PFS	600-3006	WIRE 26 GA BLUE WIRE 26 GA WHITE		1 1200	FEET	
4	FS	600-3009	WIRE 26 GA WHITE		1.0000	FEET	
	-		The second secon		1.0000		
3	FS	600-9016	MIRE 16 GA TINNED COPPER BUS (UL) TUBING #10 CLEAR TUBING NBR 12 CLEAR TUBING PVC #8 CLEAR TUBING #5 CLEAR	EC9614	.2500	FEET	
3	FS	605-0000	TUBING #10 CLEAR	EC9188	.2100	FEET	
3	FS	605-0006	TUBING NBR 12 CLEAR	EC 9188	.2000	FEET	
3	FS	605-0010	TUBING PVC #8 CLEAR	EC9188 -	.0520	FEET	
3	FS	605-0014	TUBING #5 CLEAR	EC9188	.1850	FEET	
3 3 3	IN	650-2081	SCR 4-40 1/4 PHIL FLAT H MS 55	EC9188	2.0000	EACH	
3	IN IN	650-2102	SCR 4-40 5/16 PAN SLOT MS NYL		1.0000	EACH	
3 3 3	IN	650-2120 651-0401	4-40 5/16 PAN SLOT MS NYL 4-40 X 3/8 PAN HD PHL MS SS SEMS RIVET,POP 1/8 X 3/16 AD42ABS 4-40 LOCK-NUT KEPS SS NUT 6-32UNC HEX SMALL PAT SS NO. 4 FLAT WASHER	560100	6.0000	EACH	
3	IN	652-2005	ALACITOUR TAG Y SAFE CO	ECA188	8.0000	EACH	
3	ÎN	652-3004	MILL WESTING MEA CHAIL DAY CC		2.0000	EACH	
3	ĹŇ	653-2000	NO. 4 FLAT WASHER	FC 9188	Z-0000	EACH	
	IN	653-3003	WASH 6 -1411D -25300 SPLIT SS	20,100	2.0000	EACH	
3	IN	654-0074	A. C. RECEPTACLE F 1540MS		1.0000	EACH	
3	IN	654-1006	#6 GROUND LUG	EC9188	1.0000	EACH	
3	IN	654-1011	3/8" GROUND LUG HH SHITH 1497	EC9188	1.0000	EACH	
3	IN	654-1238	MASH 6.141ID.2530D SPLIT SS A.C.RECEPTACLE F 1540MS #6 GROUND LUG 3/8" GROUND LUG HH SMITH 1497 HEYCO STRAIN RELIEF SR5P-4	EC 9188	1.0000	EACH	
2	IN *	271-1122	928 KEYBOARD & BP ASSY 6841-10		1.0000	EACH	
3 3	LN	000-0004	SUB-SYSTEMS		1.9470	EACH	
3	IN	271-1122 000-0004 000-0011 210-7229	7220 US PENDARD	FF 3350	.3890		
4	IN	000-0001	IAROD CHRCVCTEMC	EC 1259	1.0000	EACH	
4	ÍN	000-0011	LABOR OHALITY CONTROL		1700		
4	IN	300-1900	CAP .05 UF +80-20% 12 V CFRANIC D		4.0000	FACH	
4	ĪN	300-1906	CAP .001 UF 10% 500 V CERAMIC DISC		1-0000	FACH	-
4	IN	300-3010	CAP 50 UF 50V -10+75% ELECT AXIAL		1.0000	EACH	
4	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL		1.0000	EACH	-
4_		330-1082-48	RES 82 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	IN *	330-1082	928 KEYBOARD & BP ASSY 6841-10 SUB-SYSTEMS LABOR QUALITY CONTROL 7229 WS KEYBOARD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERAMIC D CAP .001 UF 10% 500 V CERAMIC DISC CAP 50 UF 50V -10+75% ELECT AXIAL CAP 15.0 UF 20 V 10% TANT AXIAL RES 82 OHM 1/4W 10% FIXED COMP RES 82 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
4	A CC +	770 2027 40	000 000 000 000 000 000 000 000 000 00				
4 5		330-2027-48	RES 270 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
		330-2027			1.0000	EACH	
4	P FS #	330-2039-48	RES 390 OHM 1/4W 10% FIXED COMP RES 390 OHM 1/4W 10% FIXED COMP		1 0000	EACH	
`5	FS *	330-2039	RES 390 OHM 1/4W 104 FIXED COMP		1.0000	CACH	
=			HES SIS ON TITH ING TIMES COMP		1.0000	EACH	

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MB0080-A

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ASSEMBLY PART NUMBER 177-9238- -ASSEMBLY DESCRIPTION 5506-1 WK/ST

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

OSITION IN STRUCTURE	LEGEND 1 2 3		DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	IML
	P FS *	330-2056-48-	DEC SEA NUM 1 /EU 1 A TEUEN PAUR				
i	FS *	330-2056	RES 560 OHM 1/6W 108 FIXED COMP RES 560 OHM 1/4W 108 FIXED COMP		1.0000	EACH	
					1.0000		
	P FS *	330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
	FS #	330-3010	RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
	D-EC-8-		DEC TEN MINE VIXII THE PARTY AND AND				
5	FS +	330-3015	RES 1-5K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
			RES 1.5K OHW 1/4W 10% FIXED COMP RES 1.5K OHW 1/4W 10% FIXED COMP		1.0000	EACH	
	PFS +	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP RES 2.2K OHM 1/4W 10% FIXED COMP		1,0000	EACH	
5	_	330-3022	RES 2.2K OHN 1/4W 10% FIXED COMP	<del></del>	1.0000-	-EACH	
5	P F5 #	330-3068-48	RES 6.8K OHN 1/4W 10% FIXED COMP		26.0000	EACH	
	F3. <del>-</del> _	330-3000	KES 6.8K UHM 1/4W 10% FIXED COMP		1.0000	EACH	
	PFS *	330-3082-48	RES 6.8K OHN 1/4W 10% FIXED COMP RES 6.8K OHM 1/4W 10% FIXED COMP RES 8.2K OHM 1/4W 10% FIXED COMP RES 8.2K OHM 1/4W 10% FIXED COMP		1.0000	FACH	
5	FS +	330-3082	RES 8.2K DHM 174W 10X FIXED COMP		1.0000	FACH	
					110000	LAUN	
	TN	375-0017	TSTR 2N3014 360MW 40V SH NPN S 52 TSTR 2N2906A 1.8M 60V SH PNP S 18 TSTR 2N3725 C.8M 80V SH NPN S TRANSIPAD 8977887-1 LARGE TRANSIPAD 10-18 (SMALL) IC 7408 4 2 IN POS AND GATE IC 74148 8-3 LINE PRIORITY ENCODER IC 24 PIN SOCKET CAMBION IC 24 POS ANTI-MICKING MAFER		1.0000	EACH	
	IN	375-1017	TSTR 2N2906A 1.8W 60V SH PNP S 18	l	1.0000	EACH	
	IN IN	375-9001-	TRANSTRAD BOTTON A LAGGE		1.0000	EACH	
	<u>in</u>	375-9001	TPANCIDAN TALIA JEMALIK	EC7394	1.0000	EACH	
	ÎÑ	376-0081	IC 7408 4 2 IN POS AND GATE	EC /394	1.0000	EACH	
	IN	376-0171	IC 74148 8-3 LINE PRIORITY ENCODER		3.0000	EACH	
	IN	376-9016	IC 24 PIN SOCKET CAMBION		1.0000	EACH	
			TC 24 POS ANTI-MICKING WAFER DIO 1N4004 400V 1A RECT S DO41 7229 PRINTED CIRCUIT BOARD		1.0000	EACH	
	FS IN	380-4000 510-7229	DIO 1N4004 400V 1A RECT S D041		1.0000	EACH	
	114	210-1223	7229 PRINTED CIRCUIT BUARD		1.0000	EACH	
	YN	320-0049	KEYBD CLICKER ASSY F-8600-40-016			- FAPU-	
	IN	325-2450	SWITCH. HALL EFFECT 1001SD4A2B		22-0000	FACH	
	IN	325-2451	SWITCH, HALL EFFECT 100150482K		3.0000	EACH -	
	IN	325-2452	SWITCH. HALL EFFECT 1001SD4A2K		4.0000	EACH	
	IN	325-2453	SWITCH. HALL EFFECT 1001SD4B2B		45.0000	EACH	
	IN IN	325-2454 325-2455	SWITCH HALL EFFECT 1001SD483K		1.0000	EACH	
	IN	325-9051	KEYBD CLICKER ASSY E-8600-40-016 SMITCH, HALL EFFECT 1001SD4A2B SWITCH, HALL EFFECT 1001SD4B2K SWITCH, HALL EFFECT 1001SD4B2K SWITCH, HALL EFFECT 1001SD4B2B SWITCH, HALL EFFECT 1001SD4B3K SWITCH, HALL EFFECT 1001SD4B3A SPACE BAR MODULE SD1043B SPACE BAR FELT DAD SW10117		3.0000	EACH	
	IN -	325-9053	SPACE BAR FELT PAD SM10117	EC 5922	1.0000	EACH -	
	IN	370-0004	1762 WHITE LAMP	LU /724	1.0000		
	IN	451-4456	BRKT.CLICKER MTG(928W)B6841-100		1.0000		
	IN	452-1052	8EARING PLATE(928W)D6841-104 722 LEVELING ROD 86409-59		1-0000		
	IN	458-0185			1.0000		
	IN In	462-0274 550-0200	SPCR 6-32UNC .250 OD .562 L HX B	F. F. F. T. T. T. T. T. T. T. T. T. T. T. T. T.	1.0000		
	IN	550-0200	KEYBUTTON BLANK 2SW52417 D6815-67 KEYBUTTON 1 2SW52418 C6815-66	EC6608	1.0000		
	ĪN	550-0202	KEYRUTTON 2 2 25452410 C4915-44		1.0000 1.0000		
	IN	550-0203	KEYBUTTON # 3 25W52420 C6815-66		1.0000		
	IN	550-0204	KEYBUTTON \$ 4 25W52421 C6815-66		1.0000		
	IN	550-0205	KEYBUTTON \$ 5 25W52422 C6815-66		1.0000		
	IN	550-0206	KEYBUTTON 6 25W52423 C6815-66		1.0000		
	IN	550-0207	KEYBUTTON & 7 25W52424 C6815-66		1.0000	EACH	

ASSEMBLY PART NUMBER 177-9238- -- LEGEND
ASSEMBLY DESCRIPTION 5506-1 WK/ST 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: F=TAGGED OUT OF KIT(PROD STR)

POSITION IN L STRUCTURE 1	EGEND 23	COMPONENT PART NUMBER	DESCRIPTIO	Ņ		E C N QUANT		/M IML	-
}	TN 5	50-0208	KEYBUTTON + 8	25W52425	C6815-66		000 ···· EA	тн	
3		50-0209		25H 52426		1.0			
<u> </u>		50-0210		2SW52427			000 EA	-	
Í		50-0211	KEYBUTTON		C6815-66	1.0			
j		50-0212			C6815-66	T. 0			
3	-	50-0213		-	C6815-64	1.0		-	
		50-0214			C6815-64		DO EA	-	
3		50-0215			C6815-64	1.0			
	TN 5	50-0216	and the second s		C6815-64	1.0		CH-	
3	IN 5	50-0217			C6815-64	1.0			
<del></del>	IN 5	50-0218			C6815-64		000 EA		
3		50-0219		25W52436		1.0			
3		50-0220		25W52437			DOU EA		
3	IN 5	50-0221			C6815-64	1.0			
5	IN 5	50-0222			C6815-64			CH	
3		50-0223			D6815-67	1.0			
3		50-0224			D6815-67		DOO EA		
3		50-0225	KEYBUTTON D		D6815-67	1.0			
5	- IN5	50-0226	KEYBUTTON F		D6815-67		000EA		
3		50-0227	KEYBUTTON G		D6815-67	1.0			
·		50-0228	KEYBUTTON H		D6815-67	1.0		CH-	
3		50-0229	KEYBUTTON J		D6815-67	1.0			
·		50-0230			D6815-67	1.0		-	
3		50-0231	KEYBUTTON L		D6815-67	1.0			
<u> </u>		50-0232	KEYBUTTON Z		C6815-64		000 EA		
3		50-0233	KEYBUTTON X		C6815-64	1.0			
5	IN 5	50-0234			C6815-64	1.0			
3		50-0235	KEYBUTTON V		C6815-64	1.0			
3		50-0236	KEYBUTTON B		C6815-64		000 EA		
3	IN 5	50-0237	KEYBUTTON N		C6815-64	1.0			
5	IN 5	50-0238	KEYBUTTON H		C6815-64		DCO EA		
3	IN 5	50-0239	KEYBUTTON , ,		C6815-64		000 EA		
3		50-0240	KEYBUTTON		C6815-64		DOD EA		
3		50-0241	KEYBUTTON ? /		C6815-64	1.0			
3		50-0242	KEYBN LTGRT BRK			1.0			
3		50-0243	KEYBUTTON GL		C6815-64		000 EA		
3		50-0244			D6815-67		000 EA		
3		50-0245	KEYBUTTON " .		D6815-67		000 EA		
j		50-0246			C6815-59		000 EA		
3		50-0247	KEYBUTTON SHIFT				000 EA		
		50-0248	KEYBUTTON SHIFT				000 EA		
3		50-0249	KEYBUTTON LOCK			1.0			
		50-0250	KEYBN RETURN		C6815-60		000 - EA		
3		50-0251	KEYBN BACKSPACE				000 EA		
3		50-0252		25W52469			000 EA		
3		50-0253	KEYBN IDENT		D6815-67		000 EA		
j		50-0254	KEYBN PAGE		D6815-67		000 EA	-	
3		50-0255	KEYBN CENTER		D6815-67			CH	
3		50-0256	KEYBN DEC TAB		D6815-67	1.0			
3		50-0257	KEYBN FORMAT		D6815-67	1.0		CH	
3		50-0258	KEYBN MERGE		D6815-67	1.0			
-		50-0259	KEYBN NOTE	25W52476			000 EA		

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ASSEMBLY PART NUMBER 177-9238- -- ASSEMBLY DESCRIPTION 5506-1 WK/ST

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: F=TAGGED OUT OF KITIPROD STR)

					1.01 1		
POSITION IN	LEGEND	COMPONENT	DESCRIPTION	ECN	QUANTITY	U/M	IML
STRUCTURE	1 2 3	PART NUMBER			PER ASSY		
3	IN	550-0260	KEYBN STOP 2SM52477 D6815-67 KEYBN SRCH 2SM52478 D6815-67 KEYBN REPLC 2SW52479 D6815-67 KEYBN COPY 2SW52480 D6815-67 KEYBN MOVE 2SW52481 D6815-67 KEYBN COMMAND 2SW52482 D6815-67 KEYBN GO TO PAGE 2SW52481 D6815-67		1.0000	- CATU-	
3	IN	550-0261	KEYRN SRCH 25452478 06815-67		1.0000	EACH	
3	EN	550-0262	KEYBN REPLC 25W52479 D6815-67		1.0000	FACH	
3	IN	550-0263	KEYBN COPY 25W52480 D6815-67		1-0000	FACH	
3	IN	550-0264	KEYBN HOVE 25W52481 D6815-67		1.0000	FACH -	
3	IN	550-0265	KEYBN COMMAND 25W52482 D6815-67		1.0000	FACH	
3	IN	550-0266	KEYBN GO TO PAGE 25W52483 D6815-67		1.0000	FACH	-
3	IN	550-0267	KEYBN CANCEL 25W5248+ C6815-62		1.0000	EACH	
3	IN	550-0268	KEYBN EXECUTE 25W52485 C6815-63		1.0000	EACH	
3	IN	550-0269	KEYBN GO TO PAGE 25W52483 D6815-67 KEYBN CANCEL 25W52483 C6815-62 KEYBN EXECUTE 25W52485 C6815-63 KEYBN INSERT 25W52486 D6815-67		1.0000	EACH	
3	IN	550-0270	KEYBN PREV SCRN 25W52487 D6815-67 KEYBN DELETE 25W52488 D6815-67 KEYBN NEXT SCRN 25W52489 D6815-67 KEYBN ARROW 25W52490 D6815-67		1.0000	EACH	
3	IN	550-0271	KEYBN DELETE 2SW52488 D6815-67		1.0000	EACH	
3	IN	550-0272	KEYBN NEXT SCRN 25W52489 D6815-67		1.0000	EACH	
3	IN	550-0273	KEYBN ARROW 25W52490 D6815-67		4.0000	EACH	
•	# 17	550-0320	KEYON U/C AKW UP L/C ARW 25W5272 67	EC6608	1.0000	EACH	-
3	IN	650-3280	SCR 6-32 7/8 PHIL PH MS SS	EC7415	1.0000	EACH	
3	IN	651-0023	SCR#2X3/16 PLASTITE PAN HD PHIC	EC5922	27.0000	EACH	
3	IN	652-0032	6-32 LOCK-NUT KEPS 511-061800-00	EC9615	2.0000	EACH	
3	IN	652-0066	SCR#2X3/16 PLASTITE PAN HD PHIC 6-32 LOCK-NUT KEPS 511-061800-00 10-32 NUT RETAINER FAST-ON TERMINAL AMP #60465-2		3.0000	EACH	
- 3	EC +	654-0126 660-0005	FASI-UN TERMINAL AMP #60465-2	EC 9615	1.0000	EACH	
	73 T	440-0005-	COUNCE TARE LARE VINTE 3/4" BLACK	EC5922	•5000	KULL	
•	IN	880-0089	SPONGE TAPE 1/2 X 3/4 NEOPRENE	EC5922	-0800	FEET	
2 3 3 3 3	TN	272-0004	928W2 BEZEL ASSY(ALUM TAPE) 6841-31 LABOR QUALITY CONTROL LABOR PREP AREA				
3	IN	000-0011-	JEONE DELEC MODITACIN TAPET DOGI-31		1.0000	EACH	
3	TN	000-0011	LABOR DEED ADEA		.0360		
	ÎN	449-0111-5	REFEL 120 COT (COFEN) EXXXXXXXXX	Erozan	-1.780	EACH	
3	IN	660-0028-11	BEZEL,12" CRT (GREEN) E6646-104 TAPE,ST SHLD 7"X10 1/4" E6841-132	EC 7301	1.0000	EACH	
3	IN	660-0028-12	TAPE-ST SHLD 2 1/24X10 174F4R41-121	FC 7101	1.0000	EACH	
3	IN	660-0028-13	TAPE.ST SHLD 2 1/2"X10 1/4E6841-121 TAPE.ST SHLD 2"X12" E6841-128	FC7391	1.0000	EACH	
	**				110000		******
2 3 3 3 3 3 3 3	IN	279-0323	114 COVER ASSY (ALUM TAPE) LABOR QUALITY CONTROL LABOR PREP AREA 2220 CRT COVER(OPEN VENTS)E6621-62 TAPE.ST SHLD 9 3/4"X15" E6841-120 TAPE.ST SHLD 12"X16" E6841-119 TAPE.ST SHLD 2 1/2"X12" E6841-135 TAPE.ST SHLD 2 1/2"X12" E6841-135		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		.0670		
3	IN	000-0024	LABOR PREP AREA		.3330	EACH	
3	IN	449-0092	2220 CAT COVER (OPEN VENTS) E6621-62		1.0000	EACH	-
3	IN	660-0028-1	TAPE.ST SHLD 9 3/4"X15" E6841-120		2.0000	EACH	
3	I N	660-0028-2	TAPE,ST SHLD 12"X16" E6841-119		2.0000	EACH	
3	IN	660-0028-3	TAPE, ST SHLD 2 1/2"X12" E6841-135		2.0000	EACH	
3	IN	660-0028-4	TAPE-ST SHLD 3 1/4"X22" E6841-127		1.0000	EACH	<del></del>
•	• • •	270 1015	Addit and abbut at the water converse				
2	1 N	279-1015	928WZ BASE ASSY(ALUM TAPE) 6841-30		1.0000	EACH	
3	IN	000-0011	LABUR QUALITY CONTROL		.1240		
3	IN	440-0005-	LABUR PREP AREA		.6190	EACH	
3	1.4	451-2134-	2220 BASE CO021-30		1.0000	EACH	
2 3 3 3 3 3 3 3	1 N	451-0402	DIVER AVOEL 11310415 3414 V 7444 4		1.0000	EACH	
3	T N	651-0402	AVEN BIVET 14V1-VV14		4.0000	EAUH	
3	1 N	651-1010	MYEA REVET LOUITU414		10.0000	EACH	
3	IN	655-0205	RUMPER WHITE MONOKCH		4.0000	EACH	
3	IN	660-0028-10	TAPP_CT CHIR 1 1/68Y78 F4041_122	EC 7301	4.0000	EACH	
3	IN	660-0028-5	TAPE.ST SHED 1 3/4472 3/4864941-122	EC 7201	2.7000	ENCH.	
3	IN	660-0028-6	TAPE-ST SHED 49X11 1/20 FAR41-130	EC 7391	1-0000	EWCH	
	<del>-</del> · ·		928W2 BASE ASSY(ALUM TAPE) 6841-30 LABOR QUALITY CONTROL LABOR PREP AREA 2220 BASE C6621-36 COVER, BOTTOM (EGF) D6829-122 RIVET AVDEL 11210615 3/16 X 7/16 LG AVEX RIVET 1601-0414 SONIC SERT POLMAN #313132 BUMPER, WHITE #2096SW TAPE, ST SHLD 1 1/4*X7* E6841-133 TAPE, ST SHLD 1 3/4*X2 3/4*E6841-122 TAPE, ST SHLD 4*X11 1/2* E6841-130		110000		•

ASSEMBLY PART NUMBER 177-9238- --ASSEMBLY DESCRIPTION 5506-1 WK/ST

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KITI PROD STR)

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POSITION IN	LEGEND	COMPONENT	DESCRIPTION	E C N	QUANT I TY	U/M	TMI
STRUCTURE	1 2 3			· · · · · · · · · · · · · · · · · · ·	PER ASSY		
3	IN	660-0028-7	TAPE, ST SHLD 1 3/8" X11 1/2E6841-134	EC 7391	1.0000	EACH	
3	IN	660-0028-8	TAPE,ST SHLD 1 3/8*X11 1/2E6841-134 TAPE,ST SHLD 1 1/2*X17 1/2E6841-129	EC 7391	1.0000	EACH	
3	I N	660-0028-9	TAPE,ST SHLD 2 1/2"X7" E6841-131	EC7391	2.0000	EACH	
2	IN	320-0300	SPEAKER 3 IN 8 OHM MAGNETIC SQUARE		1.0000	EACH	
2	IN	360-1025-SB	FUSE 2 1/2 AMP 250V SB CERANC 3AG CHASSIS CRT(2226)D6646-100		1.0000	EACH	
2	IN	451-1093	CHASSIS CRT (2226) D6646-100		1.0000	EACH	
2	IN	452-0129	PLATE, KBD STATIC 928-2236 B6841-136	EC 9742	1.0000	EACH	
2	IN	452-2337-5	FINISHING PLT GRN(928106841-102		1.0000	EACH	
2	IN	452-2517	700 PROGRAM CLAMPS 85900-39 (2		2.0000	EACH	
2	IN	462-0265	700 PROGRAM CLAMPS B5900-39 (2 SPACER.PC BOARD(E/F)C6815-13 700 PROGRAM CLAMP NUTS B5900-27 (2		5.0000	EACH	
2	IN	478-0061	700 PROGRAM CLAMP NUTS 85900-27 (2		2.0000	EACH	
2	IN	478-0323-5	PLUG KYBD CHAR GRN(928W) B6841-105		1.0000	EACH	
2	[N	615-0390	PROGRAM STRIP(SILK SCR) C6857-2		1.0000	EACH	
2	[ N	615-1088	LABEL HORIZONTAL SCROLL B6611-86		1.0000	EACH	
2	IN	650-2101	SCR 4-40 5/16 PHIL FLAT H MS SS	EC9742	2.0000	EACH	
2	IN	650-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS		1.0000	EACH	
2	IN	650-3121	SCR 6-32 3/8 PHIL FLAY H MS SS	EC9623	4.0000	EACH	
2	IN	650-3161	SCR 6-32 1/2 PHIL FLAT HIMS 55		4.0000	EACH	
2	IN	650-3169	6-32 X 1/2 TRUSS HD MS PARKERIZE		2.0000	EACH	
2	IN	650-4133	8-32 X 3/8 FLANGE WHIZ-LOCK HS ZINC		4.0000	FACH	
2	IN	650-4169	8-32 X 1/2 TRUSS HD PHIL PARK SCREW	EC9623	2.0000	EACH	
2	IN	650-6121	10-32X3/8 TRUSS HD PHL MS 55		4-0000	EXCH	
2	IN	650-6241	SCR 10-32 3/4 PHIL FLAT H MS 55		3.0000	EACH	
2	IN	650-6242	10-32X3/4 TRHO PHL MS NYLOCK CAD PL		7.0000		
2	IN	650-6360-W	10-32X1 1/8 TRUSS HD PHL SS(WHITE)				
2	IN	652-0029	8-32 LOCK-NUT KEPS 511-081800-50				
2	IN	653-4006	WASH 8 .176ID .3810D INT EXT ST		3.0000	EACH	
2	IN "	653-6022	WASHER, #10 SPRING	EC9615	4.0000	EACH	
2	IN	654-0126	FAST-ON TERMINAL AMP #60465-2	EC9754	1.0000	EACH	
2	in .	654-1274	CABLE CLAMP ADH. BACK DKLSP 021-0375		1.0000		
. 2	IN	655-0157	612/712 KNOB ALCO KN700BA	_	2.0000		
2	IN	690-0317	POLY BAG, 5"X6.5"X1.5" 2.5 MIE THK	EC9754	1.0000	EACH	

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ASSEMBLY PART NUMBER 177-9241- -ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY COLE; 3: \*=TAGGED DUT DE KITEPROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M IML
T	IN	187-9241	5506-2 WK/ST W/HORIZ SCROLL		1.0000	EACH
2	IN	220-0105-3	I/O CA W/BRD SHLD 8"(114) C6422-129		1.0000	EACH
3	IN	000-0004	SUB-SYSTEMS		.6760	FACH
3	IN	000-0011	LABOR QUALITY CONTROL		-1350	
3	IN	350-2082	CONN 18-36 CABLE TO PANEL PLUG		2,0000	EACH
3	IN	350-4233-G	STRAIN RELIEF CVR 36 POS 180DEG GRV		2.0000	EACH
3	TN	350-4233-T	STRAIN RELIEF CVR 36 POS 180DEG THG		2.0000	EACH
3	IN	350-4234	4-40x3/8 CAPT SCR FOR SCR MT CONNS.		4.0000	EACH
3	FS	420-0059	18 TWISTED PAIR 26 GA SPECIALSHIELD		9.0000	FEET
3	IN	458-0361	GROUND STRAP C&815-28	EC 9450	4.0000	EACH
3	IN	606-0105-3	CBL MARKER WH/BK 114 220-0105-3	EC9699	1.0000	EACH
	FS.	605-0139	TUBING 1/2 WH SHRINK POLYOLEFIN		-1140	FEET
3		615-1297	LABEL PRINTER CABLE CONN A53001072		2.0000	EACH
2	IN	220-0199	CABLE COAX CRT RG59(114) 86482-299		1.0000	EACH
3	IN	000-0004	SUB-SYSTEMS		.2500	EACH
3	IN	000-0011	LABOR QUALITY CONTROL		.0500	
3	TN	350-2075	BNC CABLE CONNECTOR BW161119		2.0000	EACH
3	FS	420-0048	CABLE RG59/U COAX		8.0000	FEET
3	TN	606-0199	CBL MARKER WH/BK 114 220-0199	EC 9699	1.0000	EACH
	<u>FS</u>	605-0139	TUBING 1/2 WH SHRINK POLYOLEFIN		-1140	FEET
2	IN	270-0373	12" MONITOR II & PWR SUP ASM II	EC9754	1.0000	EACH
3	IN	000-0005	LABOR PRODUCTION SYSTEMS		-3300	
3	IN	000-0011	LABOR QUALITY CONTROL		.0660	
3	IN	270-0371	POWER SUPPLY II, 12" MONITOR (PRELIM)		1.0000	EACH
4	IN	000-0004	SUB-SYSTEMS		-8980	EACH
•	IN	000-0005	LABOR PRODUCTION SYSTEMS		-5000	
	IN	000-0011	LABOR QUALITY CONTROL PCB ASSY 928MCR MCR KEYBOARD		.5000 .2800 1.0000 .7730	
•_		210-7455	PCB ASSY 928MCR MCR KEYBOARD	-	1.0000	FACH
5	IN	000-0001			.7730	
5	IN	000-0011	LABOR QUALITY CONTROL		. 1550	
5	IN	220-1107	12" CRT POWER SUPLY CABLE B6482-141		1.0000	EACH
6	TN	000-0004	SUB-SYSTEMS		.0730	EACH
6	IN	000-0011	LABOR QUALITY CONTROL		.0150	
6_		600-1000	WIRE 22 GA BLACK		.8300	FEET
	PFS	600-1009	WIRE 22 GA WHITE		1.0000	FEET
6	PFS *	600-1002	WIRE 22 GA RED		.8300	FEET
7	PFS	600-1009	WIRE 22 GA WHITE		1.0000	FEET
6	FS	605-0014	TUBING #5 CLEAR			FEET
6	IN	654-1148	SOCKET HOUSING 1-480318-0	RF2401	1.0000	EACH
6	FS	654-1165-R	SOCKET 30-22 GAIREELJAMP 3500078-4		2.0000	
5	· IN	300-3078	5.2K UF 25V ELECTROLYTIC CAPIAXIAL)	FC77AQ	1.0000	EACH
5	IN	300-4022	CAR 15 0 UF 30 U 105 TAUT AUTA		1-0000	EACH
<u>,                                    </u>	iñ	300-5006	CAP 1000 PF 5% 100 V MICA DIPPED		1.0000	
			- 3000 24 100 1 11100 0117 00			- noi:
5	IN	325-2112	SLIDE SW.115/230 VAC		1.0000	FACH
5 5		325-2112 330-1056-48	SCIUL SW. II 3/ 230 VAC		1.0000	EACH

ASSEMBLY PART NUMBER 177-9241- --ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL LEGEND 1: P=PHANTOM: 2: ITEM MASTER DELY CODE: 3: F=TAGGED DUT OF KITEPROD STR

POSITION IN STRUCTURE		PART NUMBER	DESCR IPTION	E C N	QUANTITY PER ASSY	U/M IML
5	P FS .	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	F2 •	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH
	B - C -	320-2033-4B	825"4"30" AUN 1744 1AU EIVEN FANS	***	. 1 0000	ELFU.
, ,	FC 8	330-3033-48 330-3033	RES 3.3K OHM 1/4W 10% FIXED COMP RES 3.3K OHM 1/4W 10% FIXED COMP		1.0000	FACH
5	IN	334-0017	.25 OHM 3W 5% FIXED RESISTOR RES IK OHM VAR TRIM SIDE ADJ SQ FUSE CLIP P.C. LITTLE FUSE 102068		1.0000	EACH
5	IN	336-1014	RES IK OHM VAR TRIM SIDE ADJ SQ		1.0000	EACH
5	IN	360-0006	FUSE CLIP P.C. LITTLE FUSE 102068		2.0000	EACH
5 5 5	IN .	360-1006-58	FUSE 6/10 AMP 250V SB GLASS 3AG	EC9104	1.0000	EACH
5	IN	375-1008	40251 / MJ2801 TRANSISTOR		1.0000	EACH
	IN	375-1026	TSTR 203467 "1.0W "40V SH PNP 5 TO5 TRANSIPAD 8977887-1 LARGE		1.0000	EACH
5 5	IN	375-9001	TRANSIPAD 8977887-1 LARGE		1.0000	EACH
5	IN	375-9022	SOCKET TRANSISTOR TO-3 PTS-2	EC8142	1.0000	EACH
	!^	3/6-0066	IC 723 VULTAGE REGULATUR		1.0000	EACH
2	1 N	380-3008 380-5001	ALDA RECTIFIER		2.0000	EACH
-3	- in-	380-3001	SOU ANTI ANKIDINE ASONTASA		1.0000	EXPU
, E	FS	406-1010-	CARLE TVE DANTY TV-222M	EC 8665	1.0000	FACH
J		003-1010	TRANSIPAD 8977887-1 LARGE SOCKET TRANSISTOR TO-3 PTS-2 IC 723 VOLTAGE REGULATOR A15A RECTIFIER 250 VOLT VARISTOR V250LA20 7455 PCB 928HCR HCR KEYBOARD CABLE TYE, PAN-TY TY-232H	200073	1.0000	
4	1 N	375-1008	40251 / MJ2801 TRANSISTOR	FC8581	1.0000	FACH
<u> </u>	TM	375-9020	MICA WSHR (LARGE) FCR POWER XISTORS	EC8581	1.0000	EACH
4	IN	410-0127	MICA WSHR (LARGE) FCR POWER XISTORS TRANSFMR LINEAR 50/60 HZ C5068-127 CORD POWER 3 COND		1.0000	EACH
	IN	420-1000	CORD POWER 3 COND		1.0000	EACH
4	IN	451-1118	CHSS_PMR_SUPP_(12*MONITOR)R6836-110		1-0000	EACH
4	IN +	452-0510	PLT XMFR MTG.12 MONITOR 86836-113 301 MB SPACER (3/8 OD 5/32 ID NYLON	E8595A	I.0000	EACH
4	IN	462-0110	301 MB SPACER (3/8 OD 5/32 ID NYLON	EC8581	1.0000	EACH
4	IN	478-0391	HEAT SINK PS 12 MONITOR 86836-118		1.0000	EACH
4	FS	605-0012	TUBING #4 CLEAR	E8595A	.4130	
4	IN	650-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS 86 X 3/4 SHEET METAL SCREW T-8	EC8581	3.0000	
•	IN	651-0010	#6 X 3/4 SHEET METAL SCREW T-B	EC 8581	2.0000	EACH
•	IN	651-0024				
?	IN	652-2005	4-40 LOCK-NUT KEPS SS	EC8581	1.0000 2.0000	
•	IN	652-3004	NUT 6-32UNC HEX SMALL PAT SS NO. 4 FLAT WSHR 1/8ID 1/40D	ECOPOI	1.0000	EACH
	IN	653-2001 653-3000	- NO. 4 PLAT WORK 1/010 1/400	ECOSOI	3-0000	FACH
<u> </u>	TM	653-3003	MACH & IAITO 25300 CRIT CC	FC8581	2-0000	FACH
	TN .	654-1006	#6 GROUND LUG HEYCO STRAIN RELIEF SR5P-4	EC 8581	2.0000	EACH
4	1 M	654-1238	HEYCO STRAIN RELIEF SRSP-4	••••	1.0000	EACH
	IN	654-1246	PLAST1-GROWNET TYW#212-170602240101	EC 8581	3.0000	EACH
3	-	~ 270~0372~ ~	12" MONITOR ASH IT TLESS PWR SUPI		1.0000	FACH
<u> </u>	IN	000-0005	LABOR PRODUCTION SYSTEMS LABOR QUALITY CONTROL PCB ASSY 2246 9"612" MONITOR ELEC		1.6950	·=-
4	TN	000-0011	LABUK QUALITY CONTROL	EC 0277	1 0000	EACH
4	IN TH	210-7456	THE DIDECT FORT MUNITUK ELEC	200013	1.0000	TEACH
5	IN	700-1047	OTHER DIRECT COST CAP 47 PF 10% 500 V CERAMIC DISC CAP 470 PF 10% 500 V CERAMIC DISC		1 0000	FACH
5 5	I N I N	300-1047	CAP 47 PF 104 300 V CENARIC DISC		1.0000	FACH
5	IN	300-1410	CAP TO THE TOT SOO A CEMPAIC DISC	FC 7774	1-0000	EACH
5	IN	300-1912	CAP 470 PF 10% 500 V CERAMIC DISC CAP .001 UF 10% 500 V CERAMIC DISC CAP .02 UF 20% 500 V CERAMIC DISC	201110	3.0000	EACH
í	IN	300-1915 "	CAP .02 UF 20% 500 V CERAMIC DISC CAP .0056 UF 20% 500 V CERAMIC DISC		2.0000	FACE
•	• •		In the second se			

ASSEMBLY PART NUMBER 177-9241- --ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	C CM PONENT PART NUMBER	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M TML
5	IN	300-1916	CAP .02 UF +80-20% 1.4 V CERAMIC D		1.0000	EACH
5	IN	300-1918	CAP .1 UF +80-20% 20 V CERAMIC DIS		2.0000	EACH
5	EN	300-1931	1 UF CERAMIC CAPACITOR !!! GH TREQ)	EC9161	1.0000	EACH
5	IN	300-2215	CAP -15 UF 10% 10C V MYLAR		1.0000	EACH
5	IN	300-2247	CAP .47 UF 10% 100 V MYLAR	EC7776	2.0000	FACH
5 5	IN	300-2310	CAP .1 UF 10% 400 V MYLAR	EC 7776	1.0000	EACH
5	IN	300-2412	CAP .033 UF 10% 400 V METL MYLAR		1.0000	
5	IN IN	300-2413 300-2414	CAP 4.0 UF 10% 100 V METL MYLAR CAP .01 UF 10% 50 V POLYSTYREN		1.0000	EACH
5 5	IN	300-2415 ~	CAP .01 UF 10% 50 V POLYSTYRENI CAP .0033 UF 10% 600 V MYLAR	E	1.0000	
5	1 N	300-2418	CAP 2.2 UF 10% 100 V METL MYLAR	EC7776	1.0000	EACH
ś	ĪN	300-3006	CAP 10 UF 16V -10+75% ELECT AXIAL	EC / / / 6		EACH
5 5	ĨŇ	300-3009	CAP 35 UF 16V -10+75% ELECT AXIAL		2.0000 3.0000	EACH
5	IN	300-3010	CAP 50 UF 50V -10+75% ELECT AXIAL		1.0000	EACH
5	IN	300-3033	CAP 100 UF 25V -10+75% ELECT AXIAL		1.0000	
5 5	IN	300-3062	1000 UF 25V ELECTROLYTIC CAPACITOR		3.0000	EACH
5 5 5	IN	300-4000	CAP 1.0 UF 35 V 10% TANT AXIAL	• =-	I.0000	EACH
5	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL	EC7776	1.0000	EACH
5	IN	320-0051	COIL.LINEARITY EX4063-1 C6815-901		1.0000	EACH
5	IN	320-0053	COIL.WIDTH EX4062-1 C6815-900		1.0000	EACH
5	IN	320-0054	COIL, DYNAMIC FOCUS		1.0000	EACH
5		330-1022-48	RES 22 OHM 1/4W 10% FIXED COMP		1.0000	EACH
£	IN #	330-1022	RES 22 OHM 1/4W 10% FIXED COMP		1.0000	EACH
5	0 = 5 +	330-1047-48	RES' 47 OHM 1/4W LOS FIXED COMP			
6		330-1047	RES 47 OHM 1/4W 10% FIXED COMP		3.0000	EACH
· ·	F3 +	220-1041	WES 41 OWN TAM TOP LIVED CONS		1.0000	EACH
5	PFS *	330-1068-48	RES 68 OHM 1/4W 10% FIXED COMP		1.0000	EACH
6		330-1068	RES 68 OHM 1/4W 10% FIXED COMP		1.0000	
			THE COLUMN EVAN TO A LINE OF MALE		110000	LAGII
5	PFS +	330-2015-48	RES 150 OHM 1/4W 10% FIXED COMP	* **	1.0000	EACH
6	FS *	330-2015	RES 150 OHM 1/4W 10% FIXED COMP		1.0000	
5		330-2018-48	RES 180 OHM 1/4W 10% FIXED COMP		1 0000	EACH
6	FS *	330-2018	RES 180 OHM 1/4W 10% FIXED COMP		1.0000	EACH
-						
5 6		330-2022-4B	RES 220 OHM 1/4W 108 FIXED COMP		2.0000	
0	F3 +	330-2022	RES 220 OHM 1/4W 10% FIXED COMP		1.0000	EACH
5	P ES #	330-2047-48	RES 470 OHM 1/4W 10% FIXED COMP		3.0000	EACH
6		330-2047	RES 470 OHM 1/4W 10% FIXED COMP		1.0000	EACH
_	, -		NES THE SIM IF THE EST PERCONNE		1.0000	LACII
5	PFS *	330-2068-48	RES 680 OHM 1/4W 10% FIXED COMP		1.0000	EACH
6		330-2068	RES 680 OHM 1/4W 10% FIXED COMP		1.0000	EACH
						- · · · · · · · · · · · · · · · · · · ·
5		330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	FS +	330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH
_						
5		330-3012-48	RES 1.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	+2 ≠	330-3012	RES 1.2K UHM 1/4W 10% FIXED COMP		1.0000	EACH
5	D F C +	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP		1 0000	54C++
,		JJU-JUZZ-40	WED COCK OUR ILAM INT LIVER COME		1.0000	FACH

ASSEMBLY PART NUMBER 177-9241- - ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND
1: P=PHANTOM; 2: ITEM HASTER DELY CODE; 3: \*\*\*TAGGED DUT OF KITT PRODUSTR)

POSITION IN STRUCTURE	1 2 3	PART NUMBER	DESCRIPTION		PER ASSY	The second secon
6	FS +	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	FACH
5	P FS *	330-3047-48	RES 4.7K OHM 1/4W 10% FIXED COMP		7.0000	· FAFU
6	FS *	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP RES 4.7K OHM 1/4W 10% FIXED COMP		1-0000	EACH
_						
5		330-3068-48	RES 6.8K OHM 1/4W 10% FIXED COMP		2.0000	EACH
6	FS *	330-3068	RES 6.8K OHM 1/4W 10% FIXED COMP RES 6.8K OHM 1/4W 10% FIXED COMP		1.0000	EACH
5	0 65 4	330-4015-48				
6		330-4015	RES 15K OHM 1/4W 10% FIXED COMP RES 15K OHM 1/4W 10% FIXED COMP		1.0000	EACH
			The state of the s		1.0000	EACH
5		330-4018-48	RES 18K OHH 1/4W 10% FIXED COMP		1.0000	FACH
6	FS *	330-4018	RES 18K OHM 1/4W 10% FIXED COMP		1.0000	EACH
	0 55 4	220 4000 40				
5 6		330-4022-48	RES 22K OHM 1/4W 10% FIXED FILM		1.0000	EACH
U	r3 <del>+</del>	330-4022	RES 22K OHM 1/4W 10% FIXED FILM RES 22K OHM 1/4W 10% FIXED FILM		1.0000	EACH
5	P FS +	330-4027-48				
··· 6		330-4027			1.0000	EACH
<b>&gt;</b> .		330-4068-48	RES 68K OHN 1/4W 10% FIXED COMP	EC8519	1.0000	EACH
6	FS +	330-4068	RES 68K OHM 1/4W 10% FIXED COMP		1.0000	EACH
5	D CC +	330-5010-48				
6		330-5010	RES 100K OHM 1/4W 10% FIXED COMP RES 100K OHM 1/4W 10% FIXED COMP		3.0000	EACH
•	,,,	330 3010	KES TOOK ONH 1/4W TOE PIXED COMP		1.0000	EACH
5	PFS +	330-5022-48	RES 220K DHM 1/4W 10E FIXED COMP		1.0000	FACH
6	IN *	330-5022	RES 220K OHM 1/4W 10% FIXED COMP RES 220K OHM 1/4W 10% FIXED COMP		1.0000	EACH
_						
5		330-5027-48	RES 270K OHM 1/4W 10% FIXED COMP RES 270K OHM 174W 10% FIXED COMP		1.0000	EACH
•	F2 =	330-5027	RES 270K OHM 1/4W 10% FIXED COMP		1.0000	EACH
5	P FS #	330-6012-48	REC 1.2M OHM 1/AW TOR ETYED COMPT		T 0000	EIFU
6		330-6012	RES 1.2M DHM 1/4W 10% FIXED COMP		1.0000	FACH
			RES 1.2M OHM 1/4W 10% FIXED COMP RES 1.2M OHM 1/4W 10% FIXED COMP		1.000	
5		330-6047-48	RES 4.7M OHM 1/4W 10% FIXED COMP RES 4.7M OHM 1/4W 10% FIXED COMP		1.0000	EACH
6	IN +	330-6047	RES 4.7M DHM 1/4W 10% FIXED COMP		1.0000	EACH
5	IN	331-0022	DEC 3 3 DUM 1/30 1AR FIUED FROM			
5	ÎN	331-2010	RES 2.2 OHM 1/2W 10% FIXED COMP RES 100 OHM 1/2W 10% FIXED COMP	EC 7774	1.0000	EACH
5	ÍÑ	332-1033	RES 33 DHM 1W 10% FIXED COMP	201710	1.0000	EACH
5	IN	333-0067	RES 100 OHM 1/2W 10% FIXED COMP RES 33 OHM 1W 10% FIXED COMP RES 8.25K OHM 1/8W 1% FIXED FILM 2.5 MEG OHM PCT 750V		1.0000	FACH
5	IN	336-0031	2.5 MEG OHM PCT 750V		1.0000	EACH
5	IN	336-1015	2.5 MEG OHM PCT 750V RES 10K OHM VAR TRIM SIDE ADJ SQ RES 100K OHM VAR TRIM SIDE ADJ SQ		1.0000	EACH
5	IN	336-1019	RES 100K OHM VAR TRIM SIDE ADJ SQ		1.0000	EACH
5	IN In	336-1020	RES 100K OHM VAR TRIM SIDE ADJ SQ RES 5K OHM VAR TRIM SIDE ADJ SQ RES 20 OHM VAR TRIM SIDE ADJ SQ RES 56 OHM 2W 10% FIXED COMP RES 1.2K OHM 2W 10% FIXED COMP MPS 6512 SILICON TRANSISTOR MPS 6518 SILICON TRANSISTOR TSTR 2N3725 0.8W 80V SH NPN S	EC 7776	2.0000	EACH
5	IN	337-1056	RES SE OHM SHING SIDE ADJ SQ		1.0000	EACH
5	IN	337-3012	RES 1.2K OHM 2W LOT FIXED COMP		1.0000	TAUM
5	IN	375-1012	MPS 6512 SILICON TRANSISTOR		1.0000	EACH
5	IN	375-1014	MPS 6518 SILICON TRANSISTOR		1.0000	EACH
5	IN	375-1027	TSTR 2N3725 O. BW BOV SH NPN S		1.0000	EACH
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MB0080-A MULTI-LEVEL BILL OF MATERIAL AS OF

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ASSEMBLY PART NUMBER 177-9241- -- S506-2 WK/ST W/HORIZ SCROLL

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: P=TAGGED OUT OF KIT(PROD STR)

POSITION IN	1.EGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	MVG	IML
5	IN	375-1056	MPS-U04 TRANSISTOR		1.0000	EACH	
	IN	375-1057	BU-124 TRANSISTOR		1.0000	EACH	
2	IN	375-90C1	TRANSIPAD 8977887-1 LARGE		1.0000	EACH	
5	IN	376-0239	IC NES92A VIDEO AMP		1.0000	EACH	
2	IN	376-0260	TBA 950 I.C.		1.0000	FACH	
	IN	376-0261	TDA 1044 I.C.		1.0000	EACH	
"		380-1001-48	0035 SIL DIODE 30V. 100MA AT 1V .48	EC7776		FACH	
	FS	360-1001-R	DO35 SIL DIODE 30V. LOOMA AT IV TER		1.0000	EACH	
5	IN	380-2056	D10 ZEN 1N752 A 5.6V 400MW S D0-7		1.0000	EACH	
5	IN	380-2091	D10 ZEN 1N757 A 9-1V 400MH S D0-7	-	1.0000	EACH-	
5	IN	380-3009	DIO ZEN IN757 A 9.1V 400MW S DO-7 VG-1X RECTIFIER 1KV SIF4 400V DIODE		2 0000		
5	IN	380-3010	SIF4 400V DIODE		2.0000	EACH	
5	IN	380-3012	3SIF2 3AMP 200V RECTIFIER		2.0000 2.0000 1.0000	EACH	
5	FS	380-4000	DIO 1N4004 400V 1A RECT 5 DOA1		1.0000	EACH	
5	IN	410-1006	EX4061 TRANSFMR HORZ DR C5068-1006		1-0000	EACH	
5	N I	510-7456	7456 PCB 928HCR MAG CARD READR CNTL		1.0000	EACH	
5	IN	650-2102	SCR 4-40 5/16 PAN SLOT MS NYL		1.0000	EACH	
5	J W	652-2001	NUT 4-40UNC HEX REG PAT NYLON		1.0000	EACH	
	FS	660-0123	DIO 1N4004 400V 1A RECT S D041 EX4061 TRANSFMR HORZ DR C5068-1006 7456 PCB 928MCR MAG CARD READR CNTL SCR 4-40 5/16 PAN SLOT MS NYL NUT 4-40UNC HEX REG PAT NYLON THERMAL COMPOUND DOW#340(14 OZ TUBE		.0100	EACH	
4	IN	220-0160	BRIGHTNESS POT CABLE ASSY C6482-140 SUB-SYSTEMS		1 0000	EACH	
3	İÑ	000-0004	SUB-SYSTEMS		1.0000	EACH	
5	IN	000-0011	LABOR QUALITY CONTROL		0750	EACH	
-5	P F5 #	330-1068-48	RES 68 OHM 1/4W 102 FIXED COMP		- 4015U	EACH	
6	IN +	330-1068	RES 68 OHM 1/4W 10% FIXED COMP RES 68 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	IN	336-0032	250K OHN DOT IRRICHTNESS				-
	iñ	336-0035	250k OHM POT (BRIGHTNESS) 250-OHM CONTRAST CONTROL	052/01 :	1.0000	EACH	
5	P FS *	600-1000	WIRE 22 GA BLACK	KF2401			
8		600-1009	WIRE 22 GA BLACK WIRE 22 GA WHITE	EC7092	4.0000	FEET	
****					1.0000	reei	
<b>,</b>	PFS *	600-1002	WIRE 22 GA RED	EC7092	2.0000	FEET	
6	P +2	600-1009	WIRE 22 GA WHITE		1.0000	FEET	
5	P FS A	600-1004	WIRE 22 GA WHITE	CC7000	2 0000		
	PFS	600-1009	WIRE 22 GA WHITE	EC1092	2.0000	FEET	
					1.0000	reel	
		600-1009	WIRE 22 GA WHITE TUBING #10 CLEAR CABLE TYE, PAN-TY PLTIM-M	EC7092	4.0000	FEET	
5	FS	605-0000	TUBING #10 CLEAR	EC 8399	.2000	FEET	
3	FS *	605-1004	CABLE TYE, PAN-TY PLTIM-M	RF2401	6.0000		
5	FS *	654-1165-R	SULKEL SOMEZ GATREFLIAMP 3500078	EC 9300	4 0000	EACH	
ס	IN -	654-1185	6 POS SOC HOUSING AMP 1-480270-0	RF2401	1.0000	EACH	***
	IN	270-3068	12" CRT HARNESS ASSY D6482-139		1.0000	EACH	
5	IN	000-0004	SUB-SYSTEMS		7560	EACH	
	IN	000-0011	LABOR QUALITY CONTROL		.7560 .1510	EACH	
5	IN	350-2072	110 DEG CRT SOCKET		1.0000	EACH	
	FS	420-0018	1 COND 24 GA SHIELDED CABLE AL 1702	EC 8495	1.4200		
5	P FS *	600-1000	WIRE 22 GA BLACK	EC8495	2.0400		
6	PFS	600-1009	WIRE 22 GA WHITE		1.0000	FEET	

ASSEMBLY PART NUMBER 177-9241- --ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND 1: P=PHANTCM: 2: ITEM MASTER DELY CODE: 3: #=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY		INL
5	PFS +	600-1002	WIRE 22 GA RED		1.2500	FEET	
6	PFS	600-1009	WIRE 22 GA WHITE		1.0000	FEET	
5	D E C &	600-1004	WIRE 22 GA YELLOW	EC8495	1-4200	CCCT	
		600-1009	WIRE 22 GA WHITE	EC0473			
-	_	• • • • • • • • • • • • • • • • • • • •					
5		600-1009	WTRE 22 GA WHITE Tubing #5 Clear	EC8495	2.2500		
<u> </u>		605-0014	- TUBING #5 CLEAR "TUBING,HEATSHRINK 1/801A IRRAD POLY	EC8495	-3300		
5					1.0000		
<del></del>	in	654-1004	15 DUAL POS EDGE CONN MOL#09-506155 #4 GROUND LUG 1414-4 PIN HOUSING 1-480319-0		1.0000		
5					1.0000	EACH	
5	TN -	854-1149	PIN HOUSING 1-480305-0	RF2401	1.0000	EACH	
5		654-1164-R	PIN TERM 20-14 GAIREELJAMP 61118-4	RF2401	1.0000		
5	FS *	654-1166-R'-'-	PIN TERM 30-22"GA(REEL)AMP3500079-4	RF2401	9.0000	EACH	
		270-3092	YOKE ASSY (IZ# MONITOR) 86482-246		1.0000	FATH	
`5	IN	000-0004	SUB-SYSTEMS		- 0330	FACH	
5	IN	000-0011	LABOR QUALITY CONTROL DEFLECTION YOKE EX5012 C6815-902		.0330		
5	IN	320-0052	DEFLECTION YOKE EX5012 C6815-902		1.0000	EACH	
5	FS +	654-0101-R	CRIMP TERMINAL EDGE CONN#08-05-3301		4.0000	EACH	All Salaria And Other Self-Control Control
	YN	270-3104	TIZ#FLYBACK XFORMER HARN TC6482-327	EC 9723	1.0000	EACH	
5	IN	410-1007	EX4002 FLYBACK TRANSFMER C5068-1007		1.0000	EACH	
5	P FS	600-0500	20 GA WIRE BLK UL		-9100	FEET	•
5	PFS	600-0501	20 GA WIRE BLK UL 20 GA WIRE BRN UL W/OFF-76 20 GA WIRE WHT UL		.8700	FEET	
6	FS	600-0509					
5	PFS	600-0502	20 GA WIRE RED UL 20 GA WIRE WHT UL		.8700	FEET	
6	FS	600-0509	20 GA WIRE WHT UL		1.0000	FEET	
5	PFS	600-0503	20 GA WIRE ORN UL W/OFF-73		-9100	FEET	
4	FS	600-0509	20 GA WIRE ORN UL W/OFF-73 20 GA WIRE WHT UL		1.0000	"FEET	and the same state of the same
5	PFS	600-0505			.8700		**
6	FS	600-0509	20 GA WIRE GRN UL W/OFF-76 20 GA WIRE WHT UL		1.0000	FFFT	
			EV ON WINE WITH OF				
5	P FS	600-0506	20 GA WIRE BLU UL		.8300	FEET	
6	F S	600-0509	20 GA WIRE WHY UL	• • • • • • •	1.0000	FEET	
5	DE.S.	600=0507=	70 CA UIDE VIN TII		gann	FEET	
6	FS	600-0509	ZO GA WIRE VIO UL W/OFF-73 20 GA WIRE MHT UL	'	1-0000	FFFT	
5	FS	654-0101-R	CRIMP TERMINAL EDGE CONN#08-05-0301		8.0000		
5	TN	654-1004	#4 GROUND LUG 1414-4		3.0000	EACH	
4	1N +	337-1024	RES 24 OHM 2W 10% FIXED COMP	EC9641	.0000	····FACH	
4.	2 M		TUBE CATHODE RAY 12" RECT P31	107041	1.0000		
	IN.*	340-0101-2	TUBE CATH RAY 12" W/PPG SYL P31	EC 9641	.0000		
4	IN		ANODE CONNECTOR (125-29)		1.0000		
4	IN		H-617 20000V RECTIFIER		1.0000		
4	IN	410-1007	EX4002 FLYBACK TRANSFMER C5068-1007	•	1.0000	EACH	

MBOOBO-A MULTI-LEVEL BILL OF MATERIAL AS OF

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ASSEMBLY PART NUMBER 177-9241- -ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CCDE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3			DESCRIPTION		PER ASSY	-	
4	IN	451-1121-		CHASSIS, 12" MONITOR-MOD D6836-119 PANEL, SIDE(L.M.) (12"M)D6836-102 PANEL, SIDE(R.M.) (12"M)D6836-102 BRKT, NECKSAVER(12"M)C6836-107 BRKT, SUPPORT(12"M)B6836-104 GUIDE, CARD RCG-2 4" SPCR, DELRIN 3/8DIA 4-40TAPB6835-505 SPRING, GROUNDING(12"MON)B6836-105 CABLE TYE, PAN-TY PLTIN-M 4-40 X 3/8 PAN HD PHL MS SS SEMS 88XI/4 HEX HD SLOT TAP SCR TYPE-B		1.0000	EACH	
•	IN	451-3856-		PANEL, SIDEIL.H.) (12 M) D6836-102		1.0000	EACH	
7	IN	451-3857-		PANEL .SIDE(R.H.)(124M)D6836-102		1.0000	EACH	• •
7	IN	451-4472-		BRKT NECKSAVER(12"M)C6836-107		1.0000	EACH	
7	IN	451-4473-		BRKT, SUPPORT (12*M) 86836-104		1.0000	EACH	* *
7	IN	452-4042-		GUIDE, CARD RCG-2 4"		2.0000	EACH	
7	IN	462-0293-		SPCR.DELRIN 3/801A 4-40TAPB6835-505		2.0000	EACH	
7	IN	465-1643-		SPRING, GROUNDING(12 MON) B6836-105		1.0000	EACH	
7	FS	605-1004-		CABLE TYE, PAN-TY PLTIM-M		2.0000	EACH	
4	IN	650-2120-		4-40 X 3/8 PAN HD PHL MS SS SEMS		2.0000	EACH	
7	IN	651-0024-		#8X1/4 HEX HD SLOT TAP SCR TYPE-B	EC8534	1.0000	EACH	
7	IN	651-0025-		#10X5/16 HEX HD SLOT TAP SCR TYPE-B SCREW-SELF TAP T-B #4X1/2*L PNHD PH		4.0000	EACH	
7	IN	651-0030-		SCREW, SELF TAP T-B #4X1/2"L PNHD PH		2.0000		
7	IN	651-0037-		SCD RY3/R MEY MD CLT CELE TAD O CAO		8.0000		
7	IN	653-2002-		WASH 4 .123ID .2650D INT T ST		3.0000		
7	IN	654-1184-		6 POS PIN HOUSING AMP 1-480276-0		1.0000		
7	IN	656-1008-		MAGNET, YELLOW TYPE 1 (2169)	EC8482	1.0000		
7	IN	656-1009-		MAGNET, SILVER TYPE 2 (1166)		4.0000		
7	IN	656-1010-		MAGNET, RED TYPE 3 (169)	EC8096	8.0000		
7	IN	656-1011-		MAGNET, PURPLE TYPE 4 (4167)		4.0000		
7	IN	660-0027-		1" PERMACELL TAPE #672 (BLACK)		1.0000		<del>-</del>
•	FS	660-0055-		SNAP-ON POLYMER 40-106 (25 ROLL)		.1100		
4	FS	660-01 96-		GLUE, HOTMELT (.7500x1.375LG)	EC9776	.0600		÷
3	IN	651-0037-		THE SET SEEL THE B CAD	EC8534	3.0000	EACH	
2	IN	270-0447-		114 REAR PANEL ASSY SUB-SYSTEMS LABOR QUALITY CONTROL 7313 CRT JUNCTION BOARD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL 24 COND 14*FLAT CABLE C-6482-79 SUB-SYSTEMS LABOR QUALITY CONTROL 24 PIN FLAT CABLE PLUG 24 COND FLAT CABLE 3M 3365/24		1:0000:	· <b></b>	
3	IN	000-0004-		SUR-SYSTEMS		1.0000	EACH	
3	IN	000-0011-		LABOR QUALITY CONTROL		•5000	EACH	
3	IN	210-7313-		7313 CRT HINCTION BOARD		.1000		
4	IN	000-0001-		IABOR SUB-SYSTEMS		1.0000	EACH	
4	IN	000-0011-		LABOR QUALITY CONTROL		• /140		
4	IN	220-3014-		24 COND 14#FLAT CARLE C-6482-70	EC 071 2	-1430		
5	IN	000-0004-		SIR-CYSTEMS	EC8/12	1.0000	EACH	
5	ĪN	000-0011-		LABOR CHALLTY CONTROL		.0790	EACH	
5	IN	350-0403-		24 PIN FLAT CARLE DI UC		.0160		
5	FS	420-0050-		24 COND ELAT CARLE 3M 3346434		2.0000	EACH	
				24 COND FERT CABLE 3H 3363/24		1.1700	FEET	. ,
4	IN	300-1900-		CAP .05 HE 480-209 12 V CCC4446 5				
4	IN	300-1903-		CAP OF TO TO TO TE A CENTRE D		1.0000	EACH	
4	ĪN	300-4002-		CAD 1 HE 36 V 100 TANK AVEA		2.0000	EACH	
4	IN	300-4020-		CAP AT A HE IS W TOO TAKE ANTAL		1.0000	EACH	
4	ĪN	300-4022-		CAP 15 O UE 20 M 100 TANE ANTAL		1.0000	EACH	
4		330-2047-4		REC ATO OUM 1/AU 10% STARD COUR		2.0000	EACH	
5		330-2047-		DEC 470 OHM 1/4W 10% FIXED COMP		2.0000	EACH	
-				The same state of the company		1.0000	EACH	
4	PFS *	330-2048-4	B	RES 470 OHM 1/4W 5% FIXED COMP		1.0000	EACH	
5	FS *	330-2048-		RES 470 OHM 1/4W 5% FIXED COMP RES 470 OHM 1/4W 5% FIXED COMP		1.0000	EACH	
4	P ES ±	330-3010-4	.a					
· 5		330-3010-				2.0000	EACH	
-	. 5			MED TH OUR TARM TOT LIXED COMB		1.0000	EACH	

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ASSEMBLY PART NUMBER 177-9241- - - ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND

1: P=PHANTOM: 2: ITEM MASTER DELY COCE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M IML	•
5	PFS *	330-3023-48 330-3023	RES 2.2K OHM 1/4W 5% FIXED COMP RES 2.2K OHM 1/4W 5% FIXED COMP		1.0000 1.0000	EACH EACH	
<b>4</b> 5		330-3047-48 330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP RES 4.7K OHM 1/4W 10% FIXED COMP			EACH EACH	
5		330-3082-48 330-3082	RES 8.2K OHM 1/4W 10% FIXED COMP RES 8.2K OHM 1/4W 10% FIXED COMP		1.0000 1.0000	EACH EACH	
4 4 4 4 4	I N I N I N I N I N I N	331-0010 336-1001 350-1044 375-1017 375-90C4 376-0066 510-7313	RES 1 OHM 1/2W 10% FIXED COMP RES 1K OHM VAR TRIM TOP ADJ RD CONN 18-36 PC EDGE MT RECPT TSTR 2N2906A 1.8M 60V SH PNP S 18 TRANSIPAD TO-18 (SMALL) IC 723 VOLTAGE REGULATOR IC 555 TIMER 7313 PCB JUNCTION BOARD	EC8488	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	EACH EACH EACH EACH EACH EACH EACH	
3 4 4 4 5	IN IN IN P FS * FS	220-1042	PO22 WIRE & LUG ASSY(2LCRT)D6482-12 SUB-SYSTEMS LABOR QUALITY CONTROL 16 GA GREEN/YELLOW STRANDED WIRE 16 GA WHITE STRANDED WIRE		1.0000	EACH EACH FEET FEET	
4	FS *	654-0052-R 654-0068-R	#6 RING TONGUE BLU BA14-6M(2K/REEL) #6 FORK LUG BLUE BA14-F6M (2K/REEL)	EC6795 EC6795	1.0000	EACH EACH	
3 4 4 4 4	IN IN IN FS IN	220-1103 000-0004 000-0011 420-0018 654-1150 654-1165-R	CRT BRD (M2)(COAX)B6482-122 SUB-SYSTEMS LABOR QUALITY CONTROL 1 COND 24 GA SHIELDED CABLE AL 1702 SOCKET HOUSING 1-480303-0 SOCKET 30-22 GA(REEL)AMP 3500078-4	EC 8399	.8300 1.0000	EACH EACH FEET EACH EACH	
3 3 3 3 3 3 3	I N I N I N I N I N I N	325-0033 336-0033 336-0034 350-1036 360-9000 360-9002 360-9003	TOGGLE SWITCH(SPDT)C&K U11P3YZQ 100 OHM 2W 250 OHM 2W 20% POT(1/2#SHAFT) BNC SOCKET (F) CONN UG1094A FUSE HOLDER 90 DEGREE CONTACT RUBBER WSHR FOR 360-0000 / 360-0001 HEX NUT FOR 360-0000 / 360-0001 LOCK WSHR LF#905023 (FOR 360-0000/1)	EC 9188	1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	EACH EACH EACH EACH EACH EACH EACH	
3 3 3 3 3 3 3 3 3	IN IN IN IN IN IN IN IN	375-1052 375-9016 420-1000 451-3632 451-4329 451-4687 478-0420 600-0000	LOCK WSHR LF#905023(FOR 360-0000/1) TRANSISTOR 2N6387 (PLASTIC) MICA INSUL#DF103B FOR 375-1034/1035 CORD POWER 3 COND PNL STATIC 2282 .02T CPR	EC9188 EC9188	1.0000 1.0000 1.0000 2.0000 2.0000	EACH EACH EACH EACH EACH EACH EACH EACH	

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ASSEMBLY PART NUMBER 177-9241- -ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part number		E C N	QUANTITY PER ASSY	U/M IML	
3 4	P FS FS	600-3000 600-3009	WIRE 26 GA BLACK WIRE 26 GA WHITE	EC9188	1.5400 1.0000	FEET FEET	
3 4	P FS FS	600-3002 600-3009	WIRE 26 GA RED WIRE 26 GA WHITE	EC9188	.5800 1.0000	FEET FEET	
3	P FS FS	600-3004 600-3009	WIRE 26 GA BLACK WIRE 26 GA WHITE WIRE 26 GA RED WIRE 26 GA WHITE WIRE 26 GA YELLOW WIRE 26 GA WHITE WIRE 26 GA GREEN WIRE 26 GA WHITE		1.1600	FEET	
3	P FS FS	600-3005 600-3009	WIRE 26 GA GREEN WIRE 26 GA WHITE WIRE 26 GA BLUE WIRE 26 GA WHITE	EC9188	.5400 1.0000	FEET FEET	
3	P FS FS	600-3006 600-3009	WIRE 26 GA BLUE WIRE 26 GA WHITE		1.1600	FEET	
3 3	FS FS FS	600-9016 605-0000 605-0006	MIRE 16 GA TINNED COPPER BUS (UL) TUBING #10 CLEAR TUBING NBR 12 CLEAR	EC9614 EC9188 EC9188	.2500 .2100 .2000	FEET FEET FEET	
3 3 3	FS FS IN	605-0010 605-0014 650-2081	TUBING PVC #8 CLEAR TUBING #5 CLEAR TUBING #5 CLEAR SCR 4-40 1/4 PHIL FLAT H MS SS		.0520 .1850 2.0000	FEET FEET EACH	
3 3 3	IN IN IN	650-2102 650-2120 651-0401	SCR 4-40 5/16 PAN SLOT MS NYL 4-40 X 3/8 PAN HD PHL MS SS SEMS RIVET.POP 1/8 X 3/16 AD42ABS 4-40 LOCK-NUT KEPS SS	EC9188	1.0000 6.0000 8.0000	EACH EACH EACH	
3 3 3	IN IN IN	652-2005 652-3004 653-2000	NUT 6-32UNC HEX SMALL PAT SS NO. 4 FLAT WASHER	EC 9188	2.0000 2.0000 6.0000	EACH EACH	
3 3 3	IN IN IN	653-3003 654-0074 654-1006	WASH 6 .141ID .2530D SPLIT SS A.C.RECEPTACLE F 1540MS #6 GROUND LUG	EC 9188	2.0000 1.0000 1.0000	EACH EACH FACH	
3 3	IN IN	654-1011 654-1238		EC9188 EC9188	1.0000	EACH	
2 3 3	I N I N	271-1122 000-0004 000-0011	928 KEYBOARD & BP ASSY 6841-10 SUB-SYSTEMS LABOR QUALITY CONTROL		1.0000 1.9470 .3890	EACH EACH	
3 4 4	IN IN IN	210-7229 000-0001 000-0011	LABOR QUALITY CONTROL 7229 WS KEYBOARD LABOR SUB-SYSTEMS LABOR QUALITY CONTROL	EC7259	1.0000 .6440 .1290	EACH	
4	IN IN IN	300-1900 300-1906 300-7010	CAP .05 UF +80-20% 12 V CERAMIC D CAP .001 UF 10% 500 V CERAMIC DISC CAP 50 UF 50V -10+75% ELECT AXIAL		4.0000 1.0000 1.0000	EACH Each Each	
4 4 5	_	300-4022 330-1082-48 330-1082	LABOR SUB-SYSTEMS LABOR QUALITY CONTROL CAP .05 UF +80-20% 12 V CERAMIC D CAP .001 UF 10% 500 V CERAMIC DISC CAP 50 UF 50V -10+75% ELECT AXIAL CAP 15.0 UF 20 V 10% TANT AXIAL RES 82 OHM 1/4W 10% FIXED COMP RES 82 OHM 1/4W 10% FIXED COMP		1.0000 1.0000 1.0000	EACH EACH EACH	
<b>4</b> 5		330-2027-48 330-2027	RES 270 OHM 1/4W 10% FIXED COMP RES 270 OHM 1/4W 10% FIXED COMP		1.0000	EACH EACH	
<b>4</b> 5		330-2039-48 330-2039	RES 390 OHM 1/4W 10% FIXED COMP RES 390 OHM 1/4W 10% FIXED COMP		1.0000	EACH EACH	

ASSEMBLY PART NUMBER 177-9241- - ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	F C N	QUANTITY PER ASSY	U/M	IML
4	P FS *	330-2056-4B	RES 560 OHM 1/4W 10% FIXED COMP		7.0000	EACH	
5		330-2056	RES 560 OHM 1/4W 10% FIXED COMP RES 560 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
4_		330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	FS *	330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
4	0 5 5 +	330-3015-48	DEC 1 EV OUR 1/4H 100 PIVED CORD		1 0000	EACH	
5		330-3015	RES 1.5K OHM 1/4W 10% FIXED COMP RES 1.5K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
•	• • •	330 3027					
4	PFS *	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5	FS *	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
	0 - 0 +	220 2040 40					
<b>4</b> 5		330-3068-48 330-3068	RES 6.8K OHM 1/4W 10% FIXED COMP RES 6.8K OHM 1/4W 10% FIXED COMP		26.0000	EACH	
,	F3 +	330-3000	KE2 0'0K OHN TAM TOT LIVED CON-		1.0000	EACH	
4	P FS +	330-3082-48	RES 8.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
5		330-3082	RES 8.2K OHM 1/4W 10% FIXED COMP RES 8.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
4	IN	375-0017	TSTR 2N3014 360MW 40V SH NPN S 5	8	1.0000	EACH	
4	IN	375-1017	TSTR 2N2906A 1.8W 60V SH PNP S 1	. 8	1.0000	EACH	
4	IN IN	375-1027	TSTR 2N3725 0.8W 80V SH NPN S	567304	1-0000	EACH EACH	
4 .	IN	375-9001 375-9004	TRANSIPAU 09//00/-1 LAKGE	EC 7304	2 0000	EACH	
7	ÍN	376-0081	IC 7408 4 2 IN POS AND GATE	201374	1-0000	EACH	
4	ĪN	376-0171	IC 74148 8-3 LINE PRIORITY ENCODER	· •	3.0000	EACH	•
4	IN	376-9016	IC 24 PIN SOCKET CAMBION		1.0000	EACH	
4	IN	376-9017	IC 24 POS ANTI-WICKING WAFER		1.0000	EACH	
4	FS	380-4000	DIO 1N4004 400V 1A RECT S DO4	1	1.0000	EACH	
4	IN	510-7229	TRANSIPAD 8977887-1 LARGE TRANSIPAD 8977887-1 LARGE TRANSIPAD TO-18 (SMALL) IC 7408 4 2 IN POS AND GATE IC 74148 8-3 LINE PRIORITY ENCODER IC 24 PIN SOCKET CAMBION IC 24 POS ANTI-WICKING WAFER DIO 1N4004 400V 1A RECT S DO4 7229 PRINTED CIRCUIT BOARD		1.0000	EACH	
3	IN	320-0049	KENBU CITCKED TOOK E-0400-40-014		1 0000	EACH"	-
3	IN	325-2450	SWITCH-HALL FEFFCT 1001504428		22-0000	EACH	
3	ĪÑ	325-2451	SWITCH.HALL EFFECT 1001SD482K		3.0000	EACH	
3	IN	325-2452	SWITCH, HALL EFFECT 1001SD4A2K		4.0000	EACH	
3	IN	325-2453	SWITCH, HALL EFFECT 1001SD4B2B		45.0000	EACH	
3	IN	325-2454	KEYBD CLICKER ASSY E-8600-40-016 SWITCH, HALL EFFECT 1001SD482K SWITCH, HALL EFFECT 1001SD482K SWITCH, HALL EFFECT 1001SD482K SWITCH, HALL EFFECT 1001SD482B SWITCH, HALL EFFECT 1001SD483A SPACE BAR MODULE SD10438		1.0000	EACH	
3 3	IN IN	325-2455	SWITCH HALL EFFECT 10015D4B3A		3.0000	EACH	
3	IN	325-9051 325-9053	SPACE BAR MUDULE SULU438	505022	1.0000	EACH	
3	IN	370-0004	SPACE BAR FELT PAD SWIDII7 1762 WHITE LAMP	603922	1.0000	EACH	
3	ĪN	451-4456	BRKT - CLICKER MTG (928W) 86841-100		1.0000	EACH	
3	IN	452-1052	BEARING PLATE (928W) D6841-104		1.0000	EACH	
3	IN	458-0185	722 LEVELING ROD 86409-59	EC5922	1.0000	EACH	
3	IN	462-0274	SPCR 6-32UNC .250 0D .562 L HX		1.0000	EACH	
3	IN	550-0200	KEYBUTTON BLANK 25W52417 D6815-67		1.0000	EACH	
3 3	IN IN	550-0201	KEYBUTTON 1 2SW 52418 C6815-66 KEYBUTTON @ 2 2SW 52419 C6815-66		1.0000	EACH EACH	
3	IN	550-0202 550-0203	KEYBUTTON # 3 25W52419 C6815-66		1.0000	EACH	
3	IN	550-0204	KEYBUTTON \$ 4 25W52421 C6815-66		1.0000	EACH	
3	ĪN	550-0205	KEYBUTTON \$ 5 2SW52422 C6815-66		1.0000	EACH	
3	IN	550-0206	KEYBUTTON 6 25W52423 C6815-66		1.0000	FACH	
3	IN	550-0207	KEYBUTTON & 7 25W52424 C6815-66		1.0000	EACH	

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ASSEMBLY PART NUMBER 177-9241- - - ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED DUT OF KIT(PROD STR)

PCSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part number	DESCR IPTI	ON	ECN	QUANTITY PER ASSY	U/M	(ML	
3	IN	550-0208	KEYBUTTON * 8	2SW52425 C6815-66		1.0000	EACH"		
3	IN	550-0209	KEYBUTTON ( 9	2SW52426 C6815-66		1.0000	EACH		
3	IN	550-0210	KEYBUTTON ) O	2SW52427 C6815-66		1.0000	EACH	The state of the s	
3	I N	550-0211	KEYBUTTON	25W52428 C6815-66		1.0000	EACH		
3	IN	550-0212	KEYBUTTON + =	2SW52429 C6815-66		1.0000	EACH	•	
3	IN	550-0213	KEYBUTTON Q	2SW52430 C6815-64		1.0000	EACH		
3	IN	550-0214	KEYBUTTON W	2SW52431 C6815-64		1.0000	EACH		
3	IN	550-0215	KEYBUTTON E	25W52432 C6815-64		1.0000	EACH		
3	IN	550-0216	KEYBUTTON R	25W52433 C6815-64		1.0000	EACH		
3	IN	550-0217	KEYBUTTON T	2SW52434 C6815-64		1.0000	EACH		
3	IN	550-0218	KEYBUTTON Y	25W52435 C6815-64		1.0000	EACH	•	
3	IN	550-0219	KEYBUTTON U	25W52436 C6815-64		1.0000	EACH		
3	IN	550-0220	KEYBUTTON I	25W52437 C6815-64		1.0000	EACH		
3	I N	550-0221	KEYBUTTON O	25W52438 C6815-64		1.0000	EACH		
3	[ N	550-0222	KEYBUTTON P	2SW52439 C6815-64		1.0000	EACH	••	
3	IN	550-0223	KEYBUTTON A	25W52440 D6815-67		1.0000	EACH		
3	IN	550-0224	KEYBUTTON S	25W52441 D6815-67		1.0000	EACH		
3 3	IN	550-0225	KEYBUTTON D	25W52442 D6815-67		1.0000	EACH		
	IN	550-0226	KEYBUTTON F	2SW52443 D6815-67		1.0000	EACH	and agents	
3	IN	550-0227	KEYBUTTON G	2SW52444 D6815-67		1.0000	EACH		
3 3	IN	550-0228	KEYBUTTON H	25W52445 D6815-67		1.0000	EACH		
3	IN	550-0229	KEYBUTTON J	2SW52446 D6815-67		1.0000	EACH		
3	I N I N	550-0230	KEYBUTTON K	25W52447 D6815-67		1.0000	EACH		
3	=	550-0231	KEYBUTTON L	25W52448 D6815-67		1.0000	EACH		
3	[N	550-0232 550-0233	KEYBUTTON Z	2SW52449 C6815-64		1.0000	EACH		
3	I N I N	550-0233 550-0234	KEYBUTTON X	25W52450 C6815-64		1.0000	EACH		
3	1 11	550-0235	KEYBUTTON C	25W52451 C6815-64		1.0000	EACH		
3	IN	550-0236	KEYBUTTON V KEYBUTTON B	25W52452 C6815-64 25W52453 C6815-64		1.0000	EACH		
3	ĪN	550-0237	KEYBUTTON N	2SW52454 C6815-64		1.0000	EACH		
3	IN	550-0238	KEYBUTTON M	2SW52455 C6815-64		1.0000	EACH		
3	ĨÑ	550-0239	KEYBUTTON	2SW52456 C6815-64		1.0000	EACH		
3	IN	550-0240	KEYBUTTON	2SW52457 C681564		1.0000	EACH		
3	IN	550-0241	KEYBUTTON ? /	2SW52458 C6815-64		1.0000	EACH		
3	IN	550-0242		25W52459 C6815-64		1.0000	EACH	****	
3	IN	550-0243	KEYBUTTON GL	25W52460 C6815-64		1.0000	EACH		
3	IN	550-0244	KEYBUTTON : ;	25W52461 D6815-67		1.0000	EACH	**	
3	IN	550-0245	KEYBUTTON "	2SW52462 D6815-67		1.0000	EACH		
3	IN	550-0246	KEYBUTTON TAB	25W52463 C6815-59		1.0000	EACH		
3	IN	550-0247		2SW52464 C6815-80		1.0000	EACH		
3	IN	550-0248		2SW52465 C6815-80		1.0000	EACH		
3	IN	550-0249		25W52466 C6815-61		1.0000	EACH		
3	IN	550-0250	KEYBN RETURN	25W52467 C6815-60		1.0000	EACH		
3	IN	550-0251		25W52468 C6815-65		1.0000	EACH		
3	IN	550-0252	KEYBN SPACEBAR			1.0000	FACH		
3	IN	550-0253	KEYBN IDENT	25W52470 D6815-67		1.0000	EACH		
3	IN	550-0254	KEYBN PAGE	2SH52471 D6815-67		1.0000	EACH		
3	IN	550-0255	KEYBN CENTER	25W52472 D6815-67		1.0000	EACH		
3	IN	550-0256	KEYBN DEC TAB	2SW52473 D6815-67		1.0000	EACH		
3	IN	550-0257	KEYBN FORMAT	2SW52474 D6815-67		1.0000	FACH		
3	IN	550-0258	KEYBN MERGE	2SW52475 D6815-67		1.0000	FACH		
3	IN	550-0259	KEYBN NOTE	25W52476 D6815-67		1.0000	EACH		
							2.40.		

POSITION IN STRUCTURE	-		DESCRIPTION	ECN	QUANT ITY	U/M	IML	
SINUCIUNE	1 2 3	PART NUMBER			PER ASSY			
3	IN	550-0260	KEYBN STOP 25W52477 D6815-67					
3	ĪN	550-0261	KEYBN STOP 2SW52477 D6815-67 KEYBN SRCH 2SW52478 D6815-67		1.0000			
3	ĪN	550-0262	KEYBN REPLC 25W52479 D6815-67		1.0000			
3	IN	550-0263	KEYBN REPLC 2SW52479 D6815-67 KEYBN COPY 2SW52480 D6815-67 KEYBN MOVE 2SW52481 D6815-67		1.0000			
3	IN	550-0264	KEYBN MOVE 25W52481 D6815-67		1.0000			
3	IN	550-0265	KEYBN COMMAND 25W52482 D6815-67		1.0000			
3	ĪN	550-0266	KEYBN GO TO PAGE 25W52483 D6815-67		1.0000 1.0000			
3	IN	550-0267	KEYBN CANCEL 25M52484 CARIS-A2		1.0000			
3	IN	550-0268	KEYBN EXECUTE 25W52485 C6815-63		1.0000			
3	IN	550-0269	KEYBN EXECUTE 25W52485 C6815-63 KEYBN INSERT 25W52486 D6815-67 KEYBN PREV SCRN 25W52487 D6815-67 KEYBN DELETE 25W52487 D6815-67		1.0000			
3	IN	550-0270	KEYBN PREV SCRN 25W52487 D6815-67		1.0000			
3	IN	550-0271	KEYBN DELETE 25W52488 D6815-67		1.0000			
3	[ N	550-0272	KEYBN NEXT SCRN 25W52489 D6815-67		1.0000	FACH		
3	IN	550-0273	KEYBN ARROW 25W52490 D6815-67		4.0000	EACH		
3	IN	550-0320	KEYBN U/C ARW UP L/C ARW 25W5272 67	ECAADA .	1.0000	FACH.		
3	IN	650-3280	SCR 6-32 7/8 PHIL PH MS SS	EC 7415	1.0000	EACH		
3	IN	651-0023	SCR#2X3/16 PLASTITE PAN HD PHIL	FC5022	27.0000			
3	IN	652-0032	6-32 LOCK-NUT KEPS 511-061800-00	EC9615	2.0000			
3	IN	652-0066	6-32 LOCK-NUT KEPS 511-061800-00 10-32 NUT RETAINER FAST-ON TERMINAL AMP #60465-2		3.0000			
3	IN	654-0126	FAST-ON TERMINAL AMP #60465-2	EC9615	1.0000			
3		660-0005	ELECTRICAL TAPE VINYL 3/40 BLACK	FC5922	•5000			
3	IN	660-0085	SPONGE TAPE 1/2 X 3/4 NEOPRENE	EC 5922	•0800			
_		_						
2	IN	272-0004	928W2 BEZEL ASSY(ALUM TAPE) 6841-31		1.0000	EACH		
3	IN	000-0011	928W2 BEZEL ASSY(ALUM TAPE) 6841-31 LABOR QUALITY CONTROL LABOR PREP AREA		.0360			
3	IN	000-0024	LABOR PREP AREA		.1780	EACH		
3 3	IN	449-0111-5	BEZEL,12" CRT (GREEN) E6646-104	EC8420	1.0000	EACH		
	IN	660-0028-11	TAPE + ST SHLD 7 X10 1/4 E6841-132	FC 7391	1.0000	EACH		
3 3	IN	660-0028-12	TAPE.ST SHLD 2 1/2"X10 1/4E6841-121	EC7391	1.0000	EACH		
•	IN	660-0028-13	TAPE - ST SHLD 2"X12" E6841-128	EC7391	1.0000	EACH		
2	IN	279-0323	11/ 00450 0554 14144 5455	• • • • • • • • • • • • • • • • • • • •			******	
3	IN		114 COVER ASSY (ALUM TAPE) LABOR QUALITY CONTROL LABOR PREP AREA 2220 CRT COVER(OPEN VENTS) E6621-62		1.0000	EACH		
3	IN	000-0011 000-0024	LABOR QUALITY CONTROL		.0670			
3	IN	449-0092	LABOR PREP AREA		•3330	EACH		
3	IN	660-0028-1	TADE CT CHID O 3 (4 m v sm ) 5 (6 (1 130		1.0000	EACH		
3	İN	660-0028-2	TADE CT CUID 128V148		2.0000	EACH		
3	ĪN	660-0028-3	TAPE-CT CHID 2 1/200130		2.0000	EACH		
3	ĪN	660-0028-4	2220 CRT COVER(OPEN VENTS)E6621-62 TAPE,ST SHLD 9 3/4"X15" E6841-120 TAPE,ST SHLD 12"X16" E6841-119 TAPE,ST SHLD 2 1/2"X12" E6841-135 TAPE,ST SHLD 3 1/4"X22" E6841-127		2.0000	EACH		
	• .•	333 3313 4	TRI CYST SHED 3 174"X22" E0841-121		1.0000	EACH		
2	IN	279-1015	928WZ BASE ASSY(ALUM TAPE) 6841-30 LABOR QUALITY CONTROL LABOR PREP AREA 2220 BASE C6621-36 COVER, BOTTOM(E&F)D6829-122 RIVET AVDEL 11210615 3/16 X 7/16 LG AVEX RIVET 1601-0414 SONIC SERT POLMAN #313132 BUMPER, WHITE #2096SN		··· -10000	CATU		
3	IN	000-0011	LABOR DUALITY CONTROL		1.0000	EACH		
3	IN	000-0024	LAROR PREP AREA		• 1240			
3	IN	449-0095	2220 BASE C6621-36		.0190	EACH		
3	IN	451-2134	COVER, BOTTOM(E&F) DAR29-122		1.0000	"FACH		
3	IN	651-0402	RIVET AVDEL 11210615 3/16 x 7/16 1G		4-0000	FACH		
3	IN	651-0430	AVEX RIVET 1601-0414		16.0000	FACH		
3	IN	651-1010	SONIC SERT POLMAN #313132		4-0000	FACH		
3	IN	655-0205	BUMPER, WHITE #2096SH		4.0000	FACH		
3	IN	660-0028-10	TAPE,ST SHLD 1 1/4"X7"	EC 7391	6-0000	FACH		
3	[ N	660-0028-5	TAPE, ST SHLD 1 3/4"X2 3/4"E6841-122	EC 7391	2-0000	FACH		
3	IN	660-0028-6	TAPE,ST SHLD 4"X11 1/2" E6841-130	EC 7391	1.0000	FACH		

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ASSEMBLY PART NUMBER 177-9241- - ASSEMBLY DESCRIPTION 5506-2 WK/ST W/HORIZ SCROLL

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
3	IN	660-0028-7	TAPE,ST SHLD 1 3/8"X11 1/2E6841-134	EC 7391	1-0000	FACH	
3	IN		TAPE,ST SHLD 1 1/2"X17 1/2E6841-129				
3	IN	660-0028-9	TAPE, ST SHLD 2 1/2"X7" E6841-131				
2	IN	320-0300	SPEAKER 3 IN 8 OHM MAGNETIC SQUARE		1.0000	EACH	
2	IN	360-1025-SB	FUSE 2 1/2 AMP 250V SB CERAMC 3AG		1.0000	EACH	
2	IN	451-1093	CHASSIS CRT (2226) D6646-100		1.0000	EACH	
2	IN	452-0129	PLATE, KBD STATIC 928-2236 86841-136	EC9742	1.0000	EACH	
2	IN	452-2337-5	FINISHING PLT GRN(928)D6841-102		1.0000	EACH	
2	IN	452-2517	700 PROGRAM CLAMPS B5900-39 (2		2.0000	EACH	
2	IN	462-0265	SPACER,PC BOARD(E/F)C6815-13		5.0000	EACH	
2	IN	478-0061	SPACER, PC BOARD(E/F)C6815-13 700 PROGRAM CLAMP NUTS B5900-27 (2		2.0000	EACH	
2	IN	478-0323-5	PLUG KYBD CHAR GRN(928W) B6841-105 PROGRAM STRIP(SILK SCR) C6857-2		1.0000	EACH	
2	Į N	615-0390	PROGRAM STRIP(SILK SCR) C6857-2		1.0000	EACH	
2	IN	615-1088	LABEL HORIZONTAL SCROLL 86611-86		1.0000	EACH	
2	IN	650-2101	SCR 4-40 5/16 PHIL FLAT H MS SS	EC9742	2.0000	EACH	
2	IN	650-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS		1.0000	EACH	
2	IN	650-3121	SCR 6-32 3/8 PHIL FLAT H MS SS	EC9623	4.0000	EACH	
2	IN	650-3161	SCR 6-32 1/2 PHIL FLAT H MS SS		4.0000	EACH	
2	IN	650-3169	6-32 X 1/2 TRUSS HD MS PARKERIZE		2.0000	EACH	
2	IN	650-4133	8-32 X 3/8 FLANGE WHIZ-LOCK MS ZINC		4.0000	EACH	
2	IN	650-4169	8-32 X 1/2 TRUSS HD PHIL PARK SCREW	EC9623	2.0000	EACH	
2	IN	650-6121	10-32X3/8 TRUSS HD PHL MS SS		4-0000	EACH	
2	IN	650-6241	SCR 10-32 3/4 PHIL FLAT H MS SS		3.0000	EACH	
2	IN	650-6242	10-32X3/4 TRHD PHL MS NYLOCK CAD PL		2.0000	EACH	
2	IN	650-6360-W	10-32X1 1/8 TRUSS HD PHL SS(WHITE)		2.0000	EACH	
2	IN	652-0029	8-32 LOCK-NUT KEPS 511-081800-50	EC9623	2.0000	EACH	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	IN	653-4006	WASH 8 .1761D .3810D INT EXT ST		3.0000	FACH	
2	IN	653-6022	WASHER. #10 SPRING	EC 9615	4.0000	FACH	
2	IN	654-0126	FAST-ON TERMINAL AMP #60465-2	EC9754	1.0000	EACH	
2	IN	654-1274	CABLE CLAMP ADH. BACK DKLSP 021-0375		1.0000	EACH	
2	IN	655-0157	612/712 KNOB ALCO KN700BA		2.0000	EACH	
2	IN	690-0317	POLY BAG,5"X6.5"X1.5" 2.5 MIL THK	EC9754	1.0000	FACH	

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ASSEMBLY PART NUMBER 187-9237-W - -ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

1: P=PHANTOW; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF <11(PROD

POSITION IN STRJCTURE	LEGENO 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IYL
1	IN	210-7360	7360 SERVO CONTROL BOARD		1.0000	EACH	
2	IN	000-0001	LABOR SUB-SYSTEMS		5.5000	CAUN	
2	IN	000-0011	LABOR QUALITY CONTROL		1-1000		
2	IN	300-1100	CAP 100 PF 10% 500 V CERAMIC DISC	EC8693	1.0000	EACH	
2	IN	300-1330	CAP 330 PF 10% 500 V CERAMIC DISC	EC8693	1-0000	EACH	
2 2	IN	300-1900	CAP . 05 UF +80-20% 12 V CERAMIC D	EC7857	12-0000	EACH	
2	IN	300-1903	CAP .01 UF +80-20% 25 V CERAMIC D	EC9236	2.0000	EACH	
2	IN	300-1904	CAP .02 UF +80-20% 25 V CERAMIC D	EC9236	1.0000	EACH	
2	IN IN	300-1927 300-1931	CAP .022 UF 10% 100 V CERAMIC MONO		2.0000	EACH	
2	IN	300-1933	1 UF CERAMIC CAPACITOR (HIGH FREQ)	EC9236		EACH	
2	IN	300-1940	-0022 UF 200V 10% CERAMIC CAPACITOR		1.0000	EACH	
2	IN	300-1941	CAP .001UF CERAMIC 6KV .033UF 50VDC 10% REC.(81W)	EC9236	1.0000	EACH	
2	ĪN	300-1942	.0015UF 100VDC 10% REC.(81W)	EC9236	1.0000	EACH	
2	IN	300-3010	CAP 50 UF 50V -10+75% ELECT AXIAL	EC8693	1.0000	EACH	
2	IN	300-4013	CAP 1-2 UF 35 V 10% TANT AXIAL	EC8309	1.0000 1.0000	EACH	
2	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL		5.0000	EACH Each	
2	PFS *	330-1010-48	RES 10 OHM 1/4W 10% FIXED COMP	EC8309	9.0000	EACH	
3	FS *	330-1010	RES 10 DHM 1/4W 10% FIXED COMP	20000	1.0000	EACH	
						LACII	
2	IN	330-1022		EC9236	1.0000	EACH	
2	P FS *	330-2022-48			3.0000		
3	FS +	330-2022	RES 220 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
•	0.50	*** *** **					
? 3	PFS	330-2047-48	RES 470 OHM 1/4W 10% FIXED COMP	ECR913	1.0000	EACH	
3	F 5 ▼	330-2047	RES 470 DHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	P FS	330-3010-48	RES 1K OHM 1/4W 10% FTXED COMP				
3		330-3010-48	The same and the s	EC8913	2.0000	EACH	
		330 3010	RES 1K OH4 1/4W 10% FIXED COMP		1.0000	EACH	
2	PFS .	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP	COROO	24 4444	=	
3	FS +	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP	EC8588	21.0000 1.0000	EACH	
					1.0000	LAUT	
?	PFS +	330-3047-48		EC9236	14.0000	EACH	
3	FS •	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000		
?		330-4010-4R	RES 10K OHM 1/4W 10% FIXED COMP	EC9473	4.0000	EACH	
3	FS •	330-4010	RES 10K OHM 1/4# 10% FIXED COMP		1-0000	EACH	
2	PFS	770 4047 40					
3		330-4047-49 330-4047	RES 474 OHM 1/4W 10% FIXED COMP	EC8588	1-0000	EACH	
.,	rs •	330-4047	RES 47K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	PFS .	330-5010-48	DEC 1004 OUM 1444 104 ETHER DOC				
" <b>t</b>		330-5010	RES 100K DHM 1/4W 10% FIXED COMP RES 100K DHM 1/4W 10% FIXED COMP	EC8309	2.0000	EACH	
		30 ti 70 to - 1	WIS THUR SHIM INTO THE TOTAL FIXED COMP		1.0000	PCAB	
?	FS	330-6010	RES 14 OHM 1/4W 10% FIXED COMP	FC023/	1 0000	F 4 5 ·	
?	IN	333-0058	RES 681 OHM 1/8W 1% FIXED FILM	EC9236 EC9473	1.0000	EACH	
?	IN	333-0060	RES 4.02K DHM 1/8W 1% FIXED FILM	EC7857	8.0000	EACH	
?	IN	333-3062	RES 249K OHY 1/8W 1% FIXED FILM	EC9236	4.0000 1.0000	EACH	
2	I۷	333-0064	RES 56.2K OHY 1/9W 1% FIXED FILM	EC6101	9.0000	EACH	
2	IN	333-0071	RES 698K OHM 1/8W 1% FIXED FILM	EC8797	2.0000	EACH	
?	I٧	333-0074	RES 422K DHM 1/8W 1% FIXED FILM	EC9473			
				20,113	0.0000	LALT	

MROCEC-A MULTI-LEVEL BILL OF MATERIAL AS OF

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ASSEMBLY PART NUMBER 187-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND
1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN Structure	LFGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
2	IN	353-3075	RES 348K DHM 1/8W 1% FIXED FILM	EC8693	2-0000	EACH	
2	IN	333-0079	RES 63.4K DHY 1/RW 1% FIXED FILM	EC8797	9.0000	EACH	
2	IN	333-0080	RES 32.4K OH4 1/8W 1% FIXED FILM	EC9473	19.0000	EACH	
2	IN	333-0081	RES 16.2K DHM 1/8W 1% FIXED FILM	EC8309	4.0000	EACH	
2	IN	333-0382	RES 3.16M OHY 1/4W 1% FIXED FILM	EC8101	6-0000	EACH	
5	IN	333-0083	RES 1.58M OHM 1/4W 1% FIXED FILM	EC8693	5.0000	EACH	
2	IN	333-0084	RES 1.05M OHM 1/4W 1% FIXED FILM	EC9236	4.0000	EACH	
2	IN	333-0086	RES 105K OHY 1/8W 1% FIXED FILM	EC8101	24.0000	EACH	
2	IN	333-0087	RES 162K DHM 1/8W 1% FIXED FILM	EC9693	1.0000	EACH	
2	IN	333-0088		EC8101	7.0000	EACH	
.2	IN	333-0089	RES 1K OHM 1/8W 1% FIXED FILM	EC9473	7.0000	EACH	
2	IN	333-0090	RES 10K OHM 1/8W 1% FIXED FILM	EC9473	11.0000	EACH	
2	IN	333-0093	RES 2.37K OHM 1/8W 1% FIXED FILM	EC9236	2.0000	EACH	
5	IN	333-3095	RES 82.5K DHY 1/8 WATT 1% FIXED FLY		9.0000	EACH	
2	IN	333-0096	RES 12.7K OHM 1/8 WATT 1% FIXED FLM	_	6.0000	EACH	
2	IN In	333-0097 333-0098	RES 16-9K OHM 1/8 WATT 1% FIXED FLM		5-0000	EACH	
2	IN	333-0098 333-0099	RES 26.7K OHM 1/8 WATT 1% FIXED FLM		2.0000	EACH	
2	IN	333-0107	RES 210K OHM 1/8 WATT 1% FIXED FILM		5.0000	EACH	
2	IN	333-0108	RES 1.5K OHM 1/8 WATT 1% RES 18.2K OHM 1/8 WATT 1%	EC9435	15.0000	EACH	
2	IN	335-0109	RES 46.4K DH4 1/8 WATT 1%	ECB613	2.0000	EACH	
2	11	333-0111	RES 46.4K OHY 1/8 WATT 1% RES 2K OHY 1/8 WATT 1%	EC8797	2.0000	EACH	
5	İN	333-0112	RES 10.5K DHY 1/8 WATT 1% FIXED FLM	EC9435	5.0000 4.0000	EACH EACH	
5	IN	333-0113	RES 8-06K OHM 1/B WATT 1% FIXED FLM				
2	IN	333-0114	RES 21K OHM 1/BW 1% METAL FILM	EC9473	4.0000 1.0000	EACH	
2	ĪN	333-0116	RES 68.1K DHY 1/8 WATT 1% METAL FLM		1.0000	EACH	
5	IN	333-0117	RES 2.21M OHM 1/4 WATT 1% FIXED FLM		1.0000	EACH	
5	ĪN	374-0001	IC REG UA 7805 +5V TO-220	EC8101	1.0000	EACH	
2	ĪN	375-0017	TSTR 2N3014 3604W 40V SH NPN S 52		1.0000	EACH	
2	IN	376-0002	IC 7400N 4 2 IN POS NAND GATE	EC9236	1.0000	EACH	
2	IN	376-0010	IC 7404N HEX INVERTER	EC9236	1.0000	EACH	
2	IN	376-3053	IC 74193 SYN 4 BIT UP DOWN COUNTER		8.0000	EACH	
2	IN	376-0055	IC 7406 HEX INV BUF DRIVERS HV OUT	PATREL	4.0000	EACH	
2	IN	376-0073	IC 7490 DECADE COUNTER	PATREL	1.0000	EACH	
2	IN	376-0104	IC 9602 2 RETRIG RESET MONDSTBL MVB		1.0000	EACH	
2	IN	376-0139	IC 7414 HEX SCHMITT TRIGGER	EC9236	3.0000	EACH	
2	IN	376-0158	IC 74LS155 2 2 4 LINE DECODER MX	PATREL	2.0000	EACH	
5	IN	376 ·0187	IC 72747 2 GEN PURPOSE OPER AMP	EC8797	20.0000	EACH	
2	ΙN	376-0188	IC 74279 4 S-R LATCH	PATREL	1.0000	EACH	
5	IN	376-0195		EC8797	9.0000	EACH	
2	IN	376-0226	IC 74LS139 2 2-4 LINE DECODE	PATREL	4.0000	EACH	
5	IN	376-0236	IC 74LS164 8 BIT PAR OUT SERIAL		7.0000	EACH	
61 61	IN	376-0266	IC SN74132N SCHMITT-TRIG POS NAN	EC9236	1.0000	EACH	
		380-1001-49	DO35 SIL DIODE 30V. 100MA AT 1V .4B		47-0000	EACH	
3	FS	380-1001-9	DO35 SIL DIODE 30V. 100MA AT 1V T&R		1.0000	EACH	
?	I٧	380-2033	D10 ZEN 1N746 A 3.3V 4004W S D0-7	EC8588	1.0000	EACH	
?	FS	380-4000	DIO 1 1N4004 400V 1A RECT S D041		2.0000	EACH	
5	IN	510-7350	7360 PRINTED CIRCUIT BOARD	PATREL	1.0000	EACH	
5	TN	554-0106	CONN HEADER 6 .100 1ROW STR PIN	PATREL	2.0000	EACH	
1	IN	210-7361-4	PC3 ASSY 81W/WAP PTR CONTROLLER		1.0000	EACH	

ASSEMBLY PART NUMBER 187-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND

1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

P   1N   209-7361   PCB   ASSY BIV/MUP   PTR CONTROLLER   1.0000   EACH	POSITION IN STRJCTURE	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/H IHL
1	2	PIN	209-7361	PCB ASSY 81W/WJP PTR CONTROLLER		1.0000	FAC
1	3	IN	000-0001				LAU.
1	3	IN	000-0011	LABOR QUALITY CONTROL			
14   300-1903   14   500-1903   14   500 + 80-20   25   50000   26   26   26   26   26   26   26			300-1900		PATREL		EACH
1				CAP .01 UF +80-20% 25 V CERAMIC D	EC8226		
1				•1 UF 50V +80-20% CERAMIC CAP(HIFRQ	EC8226	10.0000	EACH
1						2.0000	EACH
1						2.0000	EACH
1					_		
FS   330-2010   RES   100 OHM   1/4W   10X FIXED COMP   EC0226   2.0000   EACH							
P   FS   330-2022-48-   RES   220							
FS * 330-2022 RES 220 OHM 1/4W 10X FIXED COMP					FC8559		
FS   330-2027   RES   270 OHM   1/4W   10X   FIXED COMP   C9446   2.0000   EACH   2.0000	-						
PFS * 330-2033-48 RES 330 OHM 1/4W 10X FIXED COMP 2.0000 EACH 1.0000 EACH FS * 330-2031 RES 330 OHM 1/4W 10X FIXED COMP 1.0000 EACH 1.0000 EACH FS * 330-3010 RES 1K OHM 1/4W 10X FIXED COMP 1.0000 EACH 1.0000 EACH FS * 330-3010 RES 1K OHM 1/4W 10X FIXED COMP 1.0000 EACH 1.0000 EACH FS * 330-3022 RES 2.2K OHM 1/4W 10X FIXED COMP EC826 1.0000 EACH 1.0000 EACH FS * 330-3022 RES 2.2K OHM 1/4W 10X FIXED COMP EC9446 18.0000 EACH FS * 330-3047 RES 4.7K OHM 1/4W 10X FIXED COMP EC9446 18.0000 EACH FS * 330-3047 RES 4.7K OHM 1/4W 10X FIXED COMP EC9446 18.0000 EACH FS * 330-3047 RES 10X OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH FS * 330-4010 RES 10X OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH FS * 330-4010 RES 10X OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH EXCHED TO EAC				THE LES SINGLE STATE STATE STATES		1.0000	CALI
P   FS   \$330-2033-48-	3	FS	330-2027	RES 270 DHM 1/4W 10% FIXED COMP	FC9446	2.0000	FACH
FS • 330-2033 RES 330 OHN 1/4W 10X FIXED COMP  7 FS • 330-3010-4B RES 1K OHM 1/4W 10X FIXED COMP  8 FS • 330-3010 RES 1K OHM 1/4W 10X FIXED COMP  9 FS • 330-3010 RES 1K OHM 1/4W 10X FIXED COMP  4 FS • 330-3022-4B RES 2.2K OHM 1/4W 10X FIXED COMP  4 FS • 330-3022 RES 2.2K OHM 1/4W 10X FIXED COMP  5 FS • 330-3022 RES 2.2K OHM 1/4W 10X FIXED COMP  6 FS • 330-3047 RES 4.7K OHM 1/4W 10X FIXED COMP  7 FS • 330-3047 RES 4.7K OHM 1/4W 10X FIXED COMP  8 PFS • 330-4010-4B- RES 10K OHM 1/4W 10X FIXED COMP  9 FS • 330-4010-4B- RES 10K OHM 1/4W 10X FIXED COMP  1 0000 EACH  2 EC9838 1 0000 EACH  3 PFS 330-4022-B- RES 22K OHM 1/4W 10X FIXED COMP  4 FS • 330-4022-B- RES 22K OHM 1/4W 10X FIXED COMP  5 S 300-4047 RES 22K OHM 1/4W 10X FIXED COMP  6 FS • 330-5010-4B- RES 100K OHM 1/4W 10X FIXED COMP  1 0000 EACH  3 PFS 330-5010-B- RES 100K OHM 1/4W 10X FIXED COMP  1 0000 EACH  3 PFS 330-5010-B- RES 100K OHM 1/4W 10X FIXED COMP  1 0000 EACH  3 IN 333-0068 RES 330K OHM 1/4W 10X FIXED COMP  1 0000 EACH  3 IN 333-0094 RES 604K OHM 1/4W 10X FIXED FILM  1 0000 EACH  3 IN 333-0094 RES 604K OHM 1/8W 1X FIXED FILM  1 0000 EACH  3 IN 333-0094 RES 604K OHM 1/8W 1X FIXED FILM  1 0000 EACH  3 IN 375-9004 TRANSIPAD TO-18 (SMALL)  3 IN 375-9004 TRANSIPAD TO-18 (SMALL)  3 IN 375-9004 TRANSIPAD TO-18 (SMALL)  3 IN 375-9004 TRANSIPAD TO-18 (SMALL)  3 IN 375-9004 TRANSIPAD TO-18 (SMALL)  3 IN 375-9004 TRANSIPAD TO-18 (SMALL)	3	P FS .	330-2033-48		2077.0		
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FS • 330-3022 RES 2.2K OHM 1/4W 10X FIXED COMP 1.0000 EACH  PFS • 330-3047-4B RES 4.7K OHM 1/4W 10X FIXED COMP EC9446 18.0000 EACH  PFS • 330-3047 RES 4.7K OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH  PFS • 330-4010 RES 10K OHM 1/4W 10X FIXED COMP EC9446 4.0000 EACH  PFS • 330-4010 RES 10K OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH  PFS • 330-4018-4B RES 1.K OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH  PFS • 330-4018 RES 18K OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH  PFS • 330-4022 RES 22K OHM 1/4W 10X FIXED FILM EC9838 1.0000 EACH  PFS • 330-4022 RES 22K OHM 1/4W 10X FIXED FILM EC9838 1.0000 EACH  PFS • 330-4047 RES 47K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010-4B- RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010-4B- RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010- RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010- RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010- RES 100K OHM 1/4W 10X FIXED COMP EC9846 1.0000 EACH  PFS • 330-5010- RES 100K OHM 1/4W 10X FIXED COMP EC9846 0.0000 EACH  PFS • 330-5010- RES 300K OHM 1/4W 10X FIXED COMP EC9846 0.0000 EACH  PFS • 330-5010- RES 10K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 330-5010- RES 10K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 330-5003- RES 300K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 330-5003- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 330-5004- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 330-5004- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 330-5004- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 330-5004- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 500-6053- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 500-6053- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 500-6053- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 500-6053- RES 6.04K OHM 1/4W 10X FIXED FILM EC9846 0.0000 EACH  PFS • 500-6053- RES	4	FS •	330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	TACH
FS • 330-3022 RES 2.2K OHM 1/4W 10X FIXED COMP 1.0000 EACH  PFS • 330-3047-4B RES 4.7K OHM 1/4W 10X FIXED COMP EC9446 18.0000 EACH  PFS • 330-3047 RES 4.7K OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH  PFS • 330-4010-4B RES 10K OHM 1/4W 10X FIXED COMP EC9446 4.0000 EACH  PFS • 330-4010 RES 10K OHM 1/4W 10X FIXED COMP EC9446 1.0000 EACH  PFS • 330-4018-4B RES 1.K OHM 1/4W 10X FIXED COMP EC9466 1.0000 EACH  PFS • 330-4022 RES 18K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-4022 RES 22K OHM 1/4W 10X FIXED FILM EC9838 1.0000 EACH  PFS • 330-4047 RES 22K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010-4B- RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010-AB- RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010-AB- RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010 RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010 RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  PFS • 330-5010 RES 100K OHM 1/4W 10X FIXED COMP EC9846 1.0000 EACH  PFS • 330-5010 RES 3001K OHM 1/4W 10X FIXED COMP EC9846 1.0000 EACH  PFS • 330-5010 RES 3001K OHM 1/4W 10X FIXED COMP EC9846 1.0000 EACH  PFS • 330-5010 RES 3001K OHM 1/4W 10X FIXED FILM EC9846 1.0000 EACH  PFS • 330-5003 RES 3001K OHM 1/4W 10X FIXED FILM EC9846 1.0000 EACH  PFS • 330-5003 RES 3001K OHM 1/4W 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED FILM EC9846 1.0000 EACH 10X FIXED F	•	0.50					
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FS * 330-4010 RES 10K OHM 1/4W 10X FIXED COMP 1.0000 EACH  PFS * 330-4018-48 RES 1.K OHM 1/4W 10X FIXED COMP 1.0000 EACH  FS * 330-4018 RES 18K OHM 1/4W 10X FIXED COMP 1.0000 EACH  PFS * 330-4018 RES 22K OHM 1/4W 10X FIXED FILM EC9838 1.0000 EACH  FS * 330-4022 RES 22K OHM 1/4W 10X FIXED FILM EC9838 1.0000 EACH  FS * 330-4047 RES 22K OHM 1/4W 10X FIXED COMP EC8226 1.0000 EACH  FFS * 330-5010-48- RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  FS * 330-5010 RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH  IN \$30-5033 RES 330K OHM 1/4W 10X FIXED COMP EC9846 1.0000 EACH  IN \$33-0068 RES 330K OHM 1/4W 10X FIXED FILM EC9846 4.0000 EACH  IN \$33-0099 RES 301K OHM 1/8W 1X FIXED FILM EC9846 4.0000 EACH  IN \$33-0099 RES 6.08K OHM 1/8W 1X FIXED FILM EC9846 4.0000 EACH  IN \$33-0109 RES 6.08K OHM 1/8W 1X FIXED FILM EC9846 4.0000 EACH  IN \$33-0109 RES 6.08K OHM 1/8W 1X FIXED FILM EC9846 4.0000 EACH  IN \$33-0109 RES 6.08K OHM 1/8W 1X FIXED FILM EC9846 5.0000 EACH  IN \$33-0109 RES 46.8K OHM 1/8 WATT 1X EC8726 2.0000 EACH  IN \$375-0008 IC 7842N & LINC-10 LIVE DECODER 1.0000 EACH  IN \$375-0008 IC 7842N & LINC-10 LIVE DECODER 1.0000 EACH	·		330 334,	MES TOTAL DATA IVA TIMES COMP		1.0000	EACH
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PFS * 330-4018-4B RES 1 K OHM 1/4W 10X FIXED COMP 1.0000 EACH FS * 330-4018 RES 18K OHM 1/4W 10X FIXED COMP 1.0000 EACH FS * 330-4022-4B RES 22K OHM 1/4W 10X FIXED FILM EC9838 1.0000 EACH FS * 330-4022 RES 22K OHM 1/4W 10X FIXED FILM EC9838 1.0000 EACH 1.0000 EACH FS * 330-5010-4B- RES 100K OHM 1/4W 10X FIXED COMP EC826 1.0000 EACH FS * 330-5010 RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH FS * 330-5010 RES 100K OHM 1/4W 10X FIXED COMP EC9838 1.0000 EACH I.0000 EACH IN 333-0068 RES 3.01K OHM 1/4W 10X FIXED COMP EC9446 4.0000 EACH IN 333-0090 RES 3.01K OHM 1/8W 1X FIXED FILM EC9446 4.0000 EACH IN 333-0090 RES 10K OHM 1/8W 1X FIXED FILM EC9446 2.0000 EACH IN 333-0090 RES 6.04K OHM 1/8W 1X FIXED FILM EC9446 4.0000 EACH IN 333-0109 RES 6.04K OHM 1/8W 1X FIXED FILM EC9446 4.0000 EACH IN 333-0109 RES 46.4K OHM 1/8W 1X FIXED FILM EC9446 4.0000 EACH IN 335-0107 TSTR 2N3014 360*W 40V SM NPN S 52 EC9446 5.0000 EACH IN 375-0008 IC 7442N 4 LINE-10 LINE DECODER 1.0000 EACH IN 375-0008 IC 7442N 4 LINE-10 LINE DECODER 1.0000 EACH IN 375-0008 IC 7442N 4 LINE-10 LINE DECODER 1.0000 EACH IN 375-0008 IC 7442N 4 LINE-10 LINE DECODER 1.0000 EACH IN 375-0008 IC 7442N 4 LINE-10 LINE DECODER 1.0000 EACH					207110		
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The state of the s						1.0000	
3 IN \$76-00564 - TO TABLE DOV THE SUP BROKES					EC9838	1.0000	EACH
THE THE TAX AND TH		IN	376-0055	IC 7406 HEX INV BUF DRIVERS HV OUT			
3 IN 375-0076 1C 75150P 2 LINE DRIVER PATREL 2.0000 EACH	J	T M	3/5-00/6	IC 75150P 2 LINE DRIVER	PATREL	2.0000	EACH

D-56

MBOOBO-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN DATE: 10/12/78

24 G E

ASSEMBLY PART NUMBER 187-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND
1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: +=TAGGED OUT OF KIT(PROD STR)

1	POSITION IN STRUCTURE			DESCRIPTION	E C N	QUANTITY PER ASSY	<b>P\</b> U	14
1	3	IN	376-0081	IC 7408 4 2 IN POS AND GATE	FC9446	5.0000	FACH	
1	3	IN	376-0093	IC 7432 4 2 IN DR GATE	PATREL			
1	3	IN	376-0098		FCRAAS			
10	3	IN		IC 9602 2 RETRIG RESET MONDSTRI MUR	FC9446			
1	3	IN	376-0108					
1	3	IN	376-0139	IC 7414 HEX SCHMITT TRIGGER				
1	3	IN	376-0155	IC 74LS74 2 D TYPE FORE TRIG FE	FCGAAC			
1	3	IN		IC 74LS174 HEX D TYPE FLID FLOR	FC9AA6			
1	3	IN	376-0160	IC 74LS175 4 D TYPE FORE TRIG E/F	207110			
1N 376-0183 IC 74173 4 BIT 0 TYPE REG 3 STATE EC9446		IN	376-0180					
1	3	1 N	376-0183		FCGAAC			
1N 376-0195 IC 74LS368 HEX 3JS DRIVER 3 STATE EC9446 1.0000 EACH 376-0207 IC 74LS00 4 2 IN POS NAND GATE EC9446 1.0000 EACH 376-0208 IC 74LS02 4 2 IN POS NAND GATE EC9446 1.0000 EACH 376-0208 IC 74LS02 4 2 IN POS NAND GATE EC7773 4.0000 EACH 376-0211 IC 74LS02 4 2 IN POS NARD GATE EC7773 4.0000 EACH 376-0211 IC 74LS02 8 2 IN POS OR GATE EC7773 4.0000 EACH 376-0220 IC 74LS03 8 V BIT UP DOWN CTR PATREL 4.0000 EACH 3776-0220 IC 74LS193 SYN 4 BIT UP DOWN CTR PATREL 4.0000 EACH 376-0226 IC 74LS195 SYN 4 BIT UP DOWN CTR PATREL 4.0000 EACH 376-0226 IC 74LS185 4 2 IN EXCLUSIVE OR GATE 1.0000 EACH 376-0226 IC 74LS186 4 2 IN EXCLUSIVE OR GATE 1.0000 EACH 376-0226 IC 74LS186 4 2 IN EXCLUSIVE OR GATE 1.0000 EACH 376-0226 IC 74LS174 8 LATCHES W/TR ST OUTP 4.0000 EACH 376-0226 IC 74LS174 8 LATCHES W/TR ST OUTP 4.0000 EACH 376-0226 IC 74LS174 8 LATCHES W/TR ST OUTP 4.0000 EACH 3776-0286 IC 74LS174 8 LATCHES W/TR ST OUTP 4.0000 EACH 3776-0286 IC 148D17 PC JAC CONVERTER DR 3 OUT 1.0000 EACH 3776-0286 IC 148D17 PC JAC CONVERTER 2 0000 EACH 3776-030 IC 148D17 SOCKET BURNDY EC9838 1.0000 EACH 3776-030 IC 124 PIN SOCKET BURNDY BOILBZ40PI EC9446 1.0000 EACH 3776-030 IC 128 PIN SOCKET BURNDY BOILBZ40PI EC9446 1.0000 EACH 3776-030 IC 128 PIN SOCKET BURNDY EC9838 1.0000 EACH 3776-0317 IC 128 PIN SOCKET BURNDY BOILBZ40PI EC9446 1.0000 EACH 3776-0337 8224 I.C. BOILD SON, 100MA AT 1V TER 1.0000 EACH 3776-0337 8224 I.C. BOILD SON, 100MA AT 1V TER 1.0000 EACH 3777-0337 8224 I.C. BOILD SON, 100MA AT 1V TER 1.0000 EACH 3777-0337 8224 I.C. BOILD SON, 100MA AT 1V TER 1.0000 EACH 3777-0337 8224 I.C. BOILD SON, 100MA AT 1V TER 1.0000 EACH 3777-0337 8228 I.C. BOILD SON, 100MA AT 1V TER 1.0000 EACH 3777-0337 8228 I.C. BOILD SON, 100MA AT 1V TER 1.0000 EACH 3777-0337 2708 INTEL PROM EC9737 1.0000 EACH 3777-0337 2708 INTEL PROM EC9737 1.0000 EACH 1.0000 EACH 3777-0337 2708 INTEL PROM EC9737 1.0000 EACH 1.0000 EACH 3777-0		IN						
1N 376-0195 05200BA I-C.  1N 376-0207 1C 74LS00 4 2 IN POS NAND GATE EC9446 4.0000 EACH STATE	3	IN						
1				DG2008A TaCa	207446			
1					FCDAAC			
1				IC 741502 4 2 TV POS NOR GATE				
1				IC 741532 4 2 TN DOS OR GATE				
1				IC 741542 RCD TO DEC DECORED				
IN 376-0226 IC 74LS139 2 2-4 LINE DECODE  IN 376-0231 IC 74LS246 4 2 IN EXCLUSIVE OR GATE  IN 376-0231 IC 74LS246 4 2 IN EXCLUSIVE OR GATE  IN 376-0236 IC 74LS246 ACTUAL RUF/LINE DR 3 OUT  IN 376-0286 IC 74LS246 OCTUAL RUF/LINE DR 3 OUT  IN 376-0290 IC UABOIF PC DYA CONVERTER  IN 376-9002 IC 16 PIN SOCKET BURNDY  IN 376-9013 IC 24 PIN SOCKET BURNDY  IN 376-9011 IC 24 PIN SOCKET BURNDY  IN 376-9011 IC 24 PIN SOCKET BURNDY  IN 376-9011 IC 28 PIN SOCKET BURNDY  IN 376-9011 IC 28 PIN SOCKET BURNDY  PFS 380-1001-4B D035 SIL D10DE 30V, 100MA AT 1V .4B EC9446  IN 376-9011 D035 SIL D10DE 30V, 100MA AT 1V TER  IN 376-9011 T361 PC3 RIW/WWP PTP CONTROLLER  IN 376-9013 B224 I-C.  IN 510-7361 7361 PC3 RIW/WWP PTP CONTROLLER  IN 577-0337 B224 I-C.  IN 377-0337 B224 I-C.  IN 377-0331 B224 I-C.  IN 377-0331 B226 I-C.  IN 378-2269 MICROCODE VERSION S2-2 LB BIW EC9737 1.0000 EACH  IN 378-2269 MICROCODE VERSION S2-2 LB BIW EC9737 1.0000 EACH  IN 378-2269 MICROCODE VERSION S2-2 LB BIW EC9737 1.0000 EACH  IN 378-2270 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L15 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L15 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L15 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L15 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L15 EC9737 1.0000 EACH  IN 378-2271 VELOCITY PROFILE "X" L15 EC9737 1.0000 EACH			876-0220					
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10000 EACH   100000 EACH   10			376-0231	TO TAISON A 2 TH ENGLISHE OF CARE		1.0000		
10000 EACH   100000 EACH   10			376-0286	TO TAIGETA O LATCHES HATE OF OUT		1.0000		
10000 EACH   100000 EACH   10			376-0288	TO TAI COAA OCTUAL DUEST THE DO T DUE		4.0000		
10000 EACH   100000 EACH   10			376-0290-	TO HARDE DO DAA CONVENTED		1.0000		
10000 EACH   100000 EACH   10			376-9002	TO 14 DIN COCKET BUDNEY	C000 T0	2.0000		
10000 EACH   100000 EACH   10			376-9003	TO 34 DIN COCKET SUBNAM	FC4838	1.0000		
IN 376-9014 IC 18 PIN SOCKET EC9838 2.00000 EACH IN 376-9015 IC 28 PIN SOCKET BURNDY EC9838 1.00000 EACH EACH EC9838 2.00000 EACH EC9838 2.00000 EACH EACH EC9838 2.0000000 EACH EC9838 2.000000 EACH EC9838 2.0000000 EACH EC9838 2.000000 EA			376-9011-	TO AC OTH COCKET DURNUT	5-04-4	6.0000		
1			376-9014-	TO 40 PIN COCKET BURNUT # DILBZAUPI				
PFS 380-1001-48 D035 SIL DIODE 30V, 100MA AT 1V .48 EC9446 2.0000 EACH FS 380-1001-R D035 SIL DIODE 30V, 100MA AT 1V TER 1.0000 EACH 1.0000 EAC	•	-	376-9015	IC TO LIM SACKET CHEMON			_	
IN 510-7361 7361 PC3 R1W/WWP PTP CONTROLLER  1.0000 EACH  1.0000 EACH  1.0000 EACH  2. FS 377-0269 8080A MICROPROCESSOR  1.0000 EACH  2. WC 377-0338 8224 I.C.  2. WC 377-0338 8226 I.C.  2. WC 377-0338 8226 I.C.  2. IN 378-2268 MICROCODE VERSION S1-2 L9 81W  2. IN 378-2269 MICROCODE VERSION S2-2 L8 81W  2. IN 378-2269 MICROCODE VERSION S2-2 L8 81W  2. IN 378-2270 VELOCITY PROFILE "X" L12  3. IN 378-2271 VELOCITY PROFILE "X" L12  3. IN 378-2271 VELOCITY PROFILE "X" L15  3. IN 378-2271 VELOCITY PROFILE "Z" L15  3. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15  4. IN 378-2271 VELOCITY PROFILE "Z" L15			300-1001-40-	TO 20 PIN SUCKET BURNUT	EC9838	1.0000		
IN 510-7361 7361 PC3 R1W/WWP PTP CONTROLLER  FS 377-0269 8080A MICROPROCESSOR  C 377-0337 8224 I.C.  C 377-0338 8228 I.C.  C 377-0338 8228 I.C.  C 377-0338 8228 I.C.  C 377-0338 8228 I.C.  C 377-0338 8228 I.C.  C 1N 377-0341 2114 1024X4 BIT STATIC RAM  C 1N 378-2268 MICROCODE VERSION S1-2 L9 BIW  C 377-0317 2708 INTEL PROM  C 377-0317 2708 INTEL P			380-1001-48	DOSS SIL DIODE SOV. 100MA AT 1V TER	EC9446	2.0000		
FS 377-0269 8080A MICROPROCESSOR  CONTROLLER  FS 377-0337 8224 I.C.  CONTROLLER  C	3	IN					•	
IN 378-2269 MICROCODE VERSION S2-2 LB B1W EC9737 1.0000 EACH		• • •				1.0000	LAUH	
IN 378-2269 MICROCODE VERSION S2-2 LB B1W EC9737 1.0000 EACH				8080A MICROPROCESSOR		1.0000	EACH	
IN 378-2269 MICROCODE VERSION S2-2 LB B1W EC9737 1.0000 EACH	?			8224 T.C.				
IN 378-2269 MICROCODE VERSION S2-2 LB B1W EC9737 1.0000 EACH		-		8228 I.C.	PITREL			
IN 378-2269 MICROCODE VERSION S2-2 LB B1W EC9737 1.0000 EACH				2114 1024X4 BIT STATIC RAM				
IN 378-2269 MICROCODE VERSION S2-2 LB B1W EC9737 1.0000 EACH				MICROCODE VERSION S1-2 L9 B1W	EC9737			
2 IN 378-2270 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH	3	FS	377-0317	2708 INTEL PROM				
2 IN 378-2270 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH	2	IN	378-2269	MICROCODE VERSION S2-2 LB B1W	EC9737	1.0000	FACH	
2 IN 378-2270 VELOCITY PROFILE "X" L12 EC9737 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH 1.0000 EACH	3	FS	377-0317	2708 INTEL PROM	207.57			
2 IN 378-2271 VELOCITY PROFILE "Z" L15 EC9737 1.0000 EACH 3 FS 377-0317 2708 INTEL PROM 1.0000 EACH						10000	C-1011	
2 IN 378-2271 VELOCITY PROFILE "Z" L15 EC9737 1.0000 EACH 3 FS 377-0317 2708 INTEL PROM 1.0000 EACH			378-2270	VELOCITY PROFILE "X" L12	EC9737	1.0000	FACH	
1.0000 EACH	3	FS	377-0317	2708 INTEL PROM				
1.0000 EACH	?	IN	378-2271	VELOCITY PROFILE #Z# L15	FC9737	1 - 0 0 0 0	EACH	
IN 210-7364 7364 P.S.REGULATOR, MDL 81W 1.0000 EACH 2 IN 000-0001 LABOR SUB-SYSTEMS 5.000	3	FS	377-0317	2708 INTEL PROM	-57.01			
2 IN 000-0001 LABOR SUB-SYSTEMS E 5000		IN	210-7364	7364 PasaREGINATORAMON RIU		1 0000	5 A C 1 ·	
	2			LABOR SUB-SYSTEMS		1.0000 5.5000	EASH	

ASSEMBLY PART NUMBER 187-9237-W - -ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

1: P=PHANTON: 2: ITEM MASTER DELY CODE: 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE		COMPONENT Part Number			QUANTITY PER ASSY	U/Y	IYL
2	1 N	000-0011	LABOR QUALITY CONTROL HEATSINK ASSY BIN		1.1000		
2	IN	270-0397	HEATSTNK ASSY RILL	FC9681	1.0000	EACH	
3	IN	270-3106	HEATSINK HARWESS 81W BOT C6482-329 WIRE 18 GA RED UL WIRE 18 GA WHITE UL	207571	1.0000	EACH	
4	P FS	500-0002	WIRE 18 GA RED III		1.2100		
5	FS	600-0009	WIRE 18 GA RED UL WIRE 18 GA WHITE UL		1.0000		
-			#1.C 10 04 #HITC 0C				
4	P FS	600-0005	WIRE 18 GA GREEN III		9500	ECC7	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
			WIRE 18 GA GREEN UL WIRE 18 GA WHITE UL		1.0000	, , ,	
4	P FS	600-0006	WIRE 18 GA BLUE UL WIRE 18 GA WHITE UL		1.7000	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000		
4_	P FS	600-0008	WIRE 18 GA GRAY UL		1.3900	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
<b>4</b> 5	P FS	600-7000	16 GA BLACK STRANDED WIRE		1.0200		
י	FS	600-7009	16 GA BLACK STRANDED WIRE 16 GA WHITE STRANDED WIRE		1.0000	FEET	
4	FS	605-1004					
•	IN	654-1148	CASEE ITE PAN-IT PLITT-9		5.0000	EACH	
4	IN	654-1150	SUCKET HOUSING 1-480318-0		1.9000	EACH	
4	FS	654-1163-R	20CAE1 U002IMP 1-480202-0		1.0000	EACH	
•	г э	B54-1163-K	CABLE TYE, PAN-TY PLTIM-4 SOCKET HOUSING 1-480318-0 SOCKET HOUSING 1-480303-0 SOCKET 20-14 GA(REEL)AMP 61117-4		5.0000	EACH	
3	IN	270-3107	HEATSINK HARNESS 81W TOP C6482-330 Wire 18 ga black ul Wire 18 ga red ul Wire 18 ga white ul		1.0000	EACH	
4	PFS	500-0000	WIRE IN GA HI ACK III		1.1700	FEET	
4	PFS	600-0002	WIRE 18 GA RED UI		1.7000	FEET	
5	FS	600-0009	WIRE IN GA WHITE UL		1.0000	FEET	
					10000	,	
4	PFS	600-0003	WIRE 18 GA ORANGE UL		1.5400	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
	1 11						
4	PFS	600-0004	WIRE 18 GA YELLOW UL		1.7000	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4	P FS	600-0005	UTBE 44 A1 A1 A1 A1				
5	FS		WIRE 18 GA GREEN UL		1.6200		
J	гэ	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4	P FS	600-0006	WIRE 18 GA BLUE UL				
5	FS	500-0009	WIRE 18 GA WHITE UL		1.3300	FEET FEET	
		300 000)	THE TO BE WITTE BE		1.0000	FELI	
4	P FS	600-0007	WIRE 18 GA VIOLET UL WIRE 18 GA WHITE UL		1.3700	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000		
					20000		
4	FS	600-0009	WIRE 18 GA WHITE UL		1.6200	FEET	
4	FS	605-1004	CABLE TYE, PAY-TY PLTIM-M		9.0000	EACH	
4	FS	654-1163-R	SOCKET 20-14 GA(REEL)AMP 61117-4		8.0000	EACH	
4	IN	554-1189	WIRE 18 GA WHITE UL CABLE TYE. PAN-TY PLTIM-M SOCKET 20-14 GA(REEL)AMP 61117-4 8 POS SOCKET HSNG AMP 1-480283-U		1.0000	EACH	
3	<b>T.</b> 11						
3 3	IN	334-0017	-25 UHM 3W 5% FIXED RESISTOR		2.0000	EACH	
3	IN	334-3034	10 UHM 25W 5X WW FIXED RESISTOR		4.0000	EACH	
3 3	IN	360-0008	FUSE BLOCK SING(LITTLEFUSE) 350-218		1.0000	EACH	
3	IN	375-1046	.25 OHM 3W 5% FIXED RESISTOR 10 OHM 25W 5% WW FIXED RESISTOR FUSE BLOCK.SING(LITTLEFUSE)350-218 TRANSISTOR 2N6282 (TO-3)		5 • 0 0 0 0	EACH	

MBO 080-A MULTI-LEVE'L BILL OF MATERIAL AS OF RUN DATE: 10/12/78 PAGE 6

ASSEMBLY PART NUMBER 187-9237-W - -ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: +=TAGSED OUT DF KIT(PROD STR)

POSITION IN STRUCTURE					D. A VGCA	U/4	IML
3	I٧	375-1047	TRANSISTOR 245285 (TO-3) INSULATOR XTOR MOUNT WECKESSER TM-1 MICA WSHR (LARGE) FOR POWER X1STORS		1.0000	EACH	
3	IN	375-9014	INSULATOR XTOR MOUNT MECKESSER THE		1.0000		
3	IN	375-9020	MICA USHR (LARGE) FOR POURS VISTORS		3.0000	EACH	
3	IN	162-0193	INSULATED STANDOFF AFOREDS		3.0000	EACH	
3 3 5 3 3 3	ĪN	478-0436	FXTRUSTON MACHING AFATONE SCENE TO		2.0000	EACH	
3	PFS	600-0000	WIRE 18 CA PLACE III		1.0000	EACH	
3	FS	600-9018	UTRE 18 GA TINUED CORRER BUC AND		•/500	FEET	
3	FS	605-0010	THRING DUC WO CLEAD		•6600	FEET	
3	FS	605-0127	TEFICAL TURING WILL DENNIUSE		•2100	FEET	
		650-2087	A-AOVI/A DAN HO DHI NC CC MAG. OTHO		•4200	FEET	
3	IN IN	550-3120	C-12 V 1/0 DAN NO DUE NO DO DEMO		8.0000	EACH	
3	IN	550-3160	6-35 x 143 DAM NO DAM NO DO CENO		1.0000	EACH	
3	IN	652-3004	MILE C. TOUNG HEM DATE HS SS SENS		6.0000	EACH	
3	IN	553-3000	MACH C TABLE PAI SS		6.0000	EACH	
3	IN	553-3001	MASH 6 -14913 -3/500 -016 FL SS		6.0000	EACH	
	IN	111	MICA WSHR (LARGE) FOR POWER X1STORS INSULATED STANDOFF (FORKED) EXTRUSION MACHING. HEATSNK 36631-701 WIRE 18 GA TINVED COPPER BUS (UL) TUBING PVC #8 CLEAR TEFLON TUBING #16 PENNTUBE 4-40X1/4 PAN HD PHL MS SS MAG. SEMS 6-32 X 3/8 PAN HD PHL MS SS SEMS 6-32 X 1/2 PAN HD PHL MS SS SEMS NUT 6-32UNC HEX SMALL PAT SS WASH 6 .150ID .28800 INT T ST #6 GROUND LUG		5.0000	EACH	
-					3.0000	EACH	
2	IN	300-1470	CAP 470 PF 10% 500 V CERAMIC DISC	EC8180	1.0000	EACH	
2	IN	300-1903	CAP .01 UF +80-20% 25 V CERAMIC D	ECR180	1.0000	EACH	
2	I٧	300-1930	.1 UF 50V +80-20% CERAMIC CAPCHIFRO	EC7856	8.0000	EACH	
5	IN	300-1931	1 UF CERAMIC CAPACITOR (HIGH FRED)	FC7856	0-0000	EACH	
2	IN	300-2110	CAP .01 UF 10% 100 V MYLAR	20.000	1.0000	EACH	
2	IN	300-2115	CAP .015 UF 10% 100 V MYLAR		1.0000	EACH	
2	IN	300-4022	CAP +01 UF 10% 100 V MYLAR CAP +015 UF 10% 100 V MYLAR CAP 15+0 UF 20 V 10% TANT AXIAL	FC7856	3.0000	EACH	
2	IN	300-4022 300-4032 320-0047 330-2010-48			8.0000	EACH	
?	IN	320-0047	12V REED RELAY AGDOLAGO12	EC7056	2.0000		
2	P FS +	530-2010-48	RES 100 OHM 1/AN 104 ETYED COMP	EC0100		EACH	
3	FS *	330-2010	RES 100 OHM 1/AN 104 FIVED COMP	FC9190	3-0000	EACH	
_			12V REED RELAY \$6D01A0012 RES 100 OHM 1/4W 10% FIXED COMP RES 100 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	PFS *	330-2015-48	RES 150 OHM 1/4W 10% FIXED COMP RES 150 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	FS *	330-2015	RES 150 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	PFS +	330-2022-48	RES 220 OHM 1/4W 10% FIXED COMP RES 220 OHM 1/4W 10% FIXED COMP		12-0000	EACH	
J	r 3 *	330-2022	RES 220 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
		330-2047-4P			10000		
5	PFS *	330-2047-4P	RES 470 OHM 1/4W 10% FIXED COMP RES 470 OHM 1/4W 10% FIXED COMP		2.0000	EACH	
			RES 470 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
		330-3010-48 330-3010					
2	PFS +	330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP		2-0000	EACH	
3	FS *	330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
		330-3022-48 330-3022				2.70.1	
?	PFS +	330-3022-4R	RES 2.2K OHM 1/4W 10% FIXED COMP RES 2.2K OHM 1/4W 10% FIXED COMP		2.0000	EACH	
3	FS *	330-3022	RES 2.2K DHM 1/4W 10% FIXED COMP		1.0000	EACH	
						LAST	
2	PFS *	330-3027-4B 330-3027	RES 2.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	FS *	330-3027	RES 2.7K OHM 1/4W 10% FIXED COMP RES 2.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
						LAUM	
?	PFS *	330-3033-48 330-3033	RES 3.3K OHM 1/4W 10Y FIXED COMP		1.0000	EACH	
3	FS *	330-3033	RES 3.3K OHM 1/4W 10% FIXED COMP RFS 3.3K OHM 1/4W 10% FIXED COMP		1 0000	EACH	
					1.0000	CAUM	
2	PFS *	330-3039-48	RES 3.9K OHM 1/4W 10% FIXED COMP RES 3.9K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	FS •	330-3039	RES 3.9K DHM 1/4W 10% FIXED COMP		1.0000		
	-	•	TEL SERVICE TELEVISION STATES		1 • 0 0 0 0	EACH	

LEGEND

1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND COMPONENT 1 2 3 PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/H	IML
2	P FS * 330-3047-48 FS * 330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP RES 4.7K OHM 1/4W 10% FIXED COMP	EC9516	4.0000 1.0000		••••
2	P FS 330-3056-48 FS 4 330-3056	RES 5.6K OHM 1/4W 10% FIXED COMP RES 5.6K OHM 1/4W 10% FIXED COMP	EC8180	2 • 0 0 0 0 1 • 0 0 0 0	EACH EACH	
		RES 8-2K OHM 1/4W 5% FIXED COMP RES 8-2K OHM 1/4W 5% FIXED COMP	EC9516	1.0000	EACH EACH	
		RES 10K OHM 1/4W 10% FIXED COMP RES 10K OHM 1/4W 10% FIXED COMP				
<sup>2</sup> 3	P FS * 330-4015-48 FS * 330-4015	RES 15K OHM 1/4W 10% FIXED COMP RES 15K OHM 1/4W 10% FIXED COMP		1.0000 1.0000	EACH	. <del>-</del>
? 2 2	FS 330-4023 IN 331-0022 IN 331-1022	RES 22K OHM 1/4W 5% FIXED COMP RES 2.2 OHM 1/2W 10% FIXED COMP RES 22 OHM 1/2W 10% FIXED COMP	EC9516 EC8614 EC7975	1.0000 1.0000 2.0000	EACH EACH EACH	
2 2 2	IN 331-2015 IN 331-2033 IN 331-2068	RES 150 OHM 1/2W 10% FIXED COMP RES 330 OHM 1/2W 10% FIXED COMP 680 OHM 1/2W 10% RESISTOR W/OFF-76	<b>.</b>	5.0000 6.0000 3.0000	EACH EACH EACH	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	IN 331-3010 IN 331-3022 IN 333-0059	RES 1K OHM 1/2W 10% FIXED COMP RES 2.2K OHM 1/2W 10% FIXED COMP RES 909 OHM 1/8W 1% FIXED FILM	EC8180 EC8180	2.0000 1.0000 1.0000	EACH EACH EACH	
? ? ?	IN 334-0000 IN 334-0028 IN 336-1014	1 OHM 11W FIXED RESISTOR •50HM 5W 1% RESISTOR RES 1K OHM VAR TRIM SIDE ADJ SO	EC9434 EC8180	1.0000 2.0000 1.0000	EACH EACH EACH	
? 2 2	IN 374-0000 IN 374-0002 IN 374-0003	IC REG UA 7812 +12V TO-220 IC REG UA 7905 -5V TO-220 IC REG UA 7912 -12V TO-220		2.0000 1.0000 1.0000	EACH	
2 2 2	IN 375-0017 IN 375-0018 IN 375-1026	TSTR 2N3014 360MW 40V SH NPN S 52 TSTR 2N4037 1.0W 40V S PNº S TSTR 2N3467 1.0W 40V SH PNº S TOS	EC7856	2.0000 6.0000 1.0000	EACH EACH EACH	
2 2 2	IN 375-1027 IN 375-1034 IN 375-1051	TSTR 2N3725 0.8W 80V SH NPN S 2N6111 PNP PLASTIC POWER TRANSISTOR TRANSISTOR 2N6292 (PLASTIC)	EC7856	7.0000 1.0000 4.0000	EACH EACH EACH	
? ? 2	IN 375-1052 IN 375-1053 IN 375-1058	TRANSISTOR 2N6387 (PLASTIC) TRANSISTOR RCA8203A (PLASTIC) 2N6107 TRANSISTOR		3.0000 3.0000 4.0000	EACH EACH	
2 ? ?	IN 375-9001 IN 375-9004 IN 375-9016	RES 15K OHM 1/4W 10% FIXED COMP  RES 22K OHM 1/4W 5% FIXED COMP  RES 2.2 OHM 1/2W 10% FIXED COMP  RES 2.2 OHM 1/2W 10% FIXED COMP  RES 150 OHM 1/2W 10% FIXED COMP  RES 330 OHM 1/2W 10% FIXED COMP  RES 330 OHM 1/2W 10% FIXED COMP  RES 1K OHM 1/2W 10% FIXED COMP  RES 1K OHM 1/2W 10% FIXED COMP  RES 2.2K OHM 1/2W 10% FIXED COMP  RES 909 OHM 1/8W 1% FIXED FILM  1 OHM 11W FIXED RESISTOR  .50HM 5W 1% RESISTOR  RES 1K OHM VAR TRIM SIDE ADJ SO  IC REG UA 7812 +12V TO-220  IC REG UA 7912 -12V TO-220  IC REG UA 7912 -12V TO-220  TSTR 2N3014 360MW 40V SH NPN S  TSTR 2N3014 360MW 40V SH NPN S  TSTR 2N3014 360MW 40V SH NPN S  ZN6111 PMP PLASTIC POWER TRANSISTOR  TRANSISTOR 2N6292 (PLASTIC)  TRANSISTOR RCAB203A (PLASTIC)  TRANSISTOR RCAB203A (PLASTIC)  TRANSIPAD 8977887-1 LARGE  TRANSIPAD 8977887-1 LARGE  TRANSIPAD TO-18 (SMALL)  MICA INSULWOF1033 FOR 375-1034/1035  IC 723 VOLTAGE REGULATOR  IC 75452 2 PERIPHERAL POS NAMO DRIV	EC7856 5 EC8614	14.0000 2.0000 19.0000	EACH EACH	
2 2 2	IN 376-3066 IN 376-0145 IN 380-2039	IC 723 VOLTAGE REGULATOR IC 75452 2 PERIPHERAL POS NAND DRIV D10 ZEN 1N748 A 3-9V 400MW S D0-1 D10 ZEN 1N752 A 5-6V 400MW S D0-7 D10 ZEN 1N753 A 6-2V 400MW S D0-7 D10 ZEN 1N754 A 6-8V 400MW S D0-7 D10 ZEN 1N755 A 7-5V 400MW S D0-7 D10 1N4004 400V 1A RECT S D041	EC7856	2.0000 4.0000 1.0000	EACH EACH EACH	
? 2 2	IN 380-2056 IN 380-2062 IN 380-2068	D10 ZEN 1N752 A 5.6V 400MW S D0-7 D10 ZEN 1N753 A 6.2V 400MW S D0-7 D10 ZEN 1N754 A 6.8V 400MW S D0-7	7 EC7856 7 EC7856 7 EC7856	1.0000 1.0000 1.0000	EACH EACH	
2 2 2	IN 375-1027 IN 375-1034 IN 375-1051 IN 375-1052 IN 375-1058 IN 375-1058 IN 375-9001 IN 375-9016 IN 376-9066 IN 376-0145 IN 380-2039 IN 380-2056 IN 380-2056 IN 380-2056 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062 IN 380-2062	D10 ZEN 1N755 A 7.5V 4004W S D0-7 D10 1N4004 400V 1A RECT S D041 SPACER. HEATSINK (62) B6636-230	7 EC7856 1 EC7975 EC9079	1.0000 12.0000 2.0000	EACH EACH EACH	

MBOORD-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN DATE: 10/12/78

PAGE 6

ASSEMBLY PART NUMBER 187-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT DF <IT(PRDD STR)

POSITION IN STRUCTURE	LFGEND 1 2 3		DESCRIPTION	ECN	QUANTITY PER ASSY	U/4 I4L
2	IN	478-0390	ANGLE .TRANSISTOR MTG C6631-402	FCR61A	1.0000	EACH
2	IN	510-7364	7354 P.S.REGULATOR. MOL 814	200014	1.0000	EACH
2	IN	550-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS	EC8614	5.0000	EACH
2	IN	650-3131	6-32 X 3/8 NYLON COVERED FIL HD SLT	FC8614	19.0000	EACH
2	IN	650-3401	SCR 6-32 1 1/4 PHIL PH MS SS	EC8614	2.0000	EACH
2	IN	553-3000	WASH 6 .14910 .37500 .016 FL SS	EC8614	2.0000	EACH
2	IN	653-3001		EC8614	2.0000	EACH
2	ΙN	653-3002	WASH 6 .14110 .25000 .062 FL NYL		2.0000	EACH
			· - · · ·			2.40
1_	IN	210-7449	PCB ASSY 114 TWV SHT FDR CNTL ASSY		1.0000	EACH
2	IN	300-1220	CAP 220 PF 10% 500 V CERAMIC DISC		2.0000	EACH
2	IN	300-1900	CAP .05 UF +80-20% 12 V CERAMIC D	PATREL	9.0000	EACH
2	IN	300-1901	CAP .1 UF 20% 12 V CERANIC DISC	PATREL	1.0000	EACH
2	IN	300-1903	CAP -01 UF +80-20% 25 V CERAMIC D	PATREL	1.0000	EACH
2	1 N	300-1906	CAP .001 UF 10% 500 V CERAMIC DISC	PATREL	2.0000	EACH
2	IN	300-1930	.1 UF 50V +80-20% CERAMIC CAPCHIFRO	PATREL	5.0000	EACH
2	IN	300-4002	CAP •1 UF 35 V 10% TANT AXIAL		1.0000	E CH
2	IN	300-4016	CAP 3.3 UF 15 V 10% TANT ANIAL	PATREL	2.0000	EACH
2	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL	EC9373	3-0000	EACH
2	IN	300-4032	CAP 10.0 UF 35 V 10% TANT AXTAL	PATREL	2.0000	EACH
2	IN	300-4034	CAP 47.0 UF 20 V 10% TANT AXIAL	PATREL	2.0000	EACH
2	IN	300-4045	CAP 220 UF TANT 15 VDC 10%		2.0000	EACH
2 3	P FS	330-1047-48	RES 47 OHM 1/4W 10% FIXED COMP RES 47 OHM 1/4W 10% FIXED COMP		1.0000	EACH
3	12 *	330-1047	RES 47 DH4 1/4W 10% FIXED COMP		1.0000	EACH
2	P FS	*** *** **	ARA 444 AM AM AM AM AM AM AM AM AM AM AM AM AM			
3	-	330-2010-4B	RES 100 OHM 1/4W 10% FIXED COMP RES 100 OHM 1/4W 10% FIXED COMP		1.0000	EACH
J	ra *	330-2010	KES 100 DHM 1/4W 10% FIXED COMP		1.0000	EACH
2	PFS	330-2047-48	DEC 470 DUM 4 /44 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
3		330-2047	RES 470 OHM 1/4W 10% FIXED COMP RES 470 OHM 1/4W 10% FIXED COMP		2.0000	EACH
•	r <b>3</b> -	330-2047	WES AND ONA THAN TOX PIXED COMP		1.0000	EACH
2	FS	330-2082	PEC 020 DUM 1/AU 108 FTMED 0000			_
2	FS P FS	330-3010-48	RES 820 OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP	PATREL	2.0000	EACH
3		330-3010	RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP	EC9679	3.0000	EACH
-	, 0	330 3310	WES IN OUR INAM TOW LINED COMP		1.0000	EACH
2	P FS	330-3015-48	RES 1.5K OHM 1/4W 10% FIXED COMP	500100		
3		330-3015	RES 1.5K DHM 1/4W 10% FIXED COMP	EC9100	1.0000	EACH
	_		WED TOOK DIM TOTAL TOO I TALL COMP		1.0000	EACH
2	PFS	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP	EC9679	1 4 - 00 0 0	FACU
3	FS +	330-3022	RES 2.2K DHM 1/4W 10% FIXED COMP	LC75/7	1.0000	EACH Each
			The second secon		1.0000	CACH
2	P FS	330-3047-48	RES 4.74 OHM 1/4W 10% FIXED COMP	EC9100	5.0000	EACH
3	FS +	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP	CC7100	1.0000	EACH
					4.0000	CACH
	P FS	330-3056-48	RES 5.6K OHM 1/4W 10% FIXED COMP		1.0000	EACH
3	FS *	330-3056	RES 5.6K OHM 1/4W 10% FIXED COMP RES 5.6K OHM 1/4W 10% FIXED COMP		1.0000	EACH
					20000	CHUIT
	P FS	330-3082-48	RES 8-2K OHM 1/4W 10% FIXED COMP		1.0000	EACH
3	FS +	330-3082	RES 8.2K OHM 1/4W 10% FIXED COMP RES 8.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH
2	P FS	330-4010-4B	RES 10K JHM 1/4W 10% FIXED COMP	PATREL	2.0000	EACH
3	FS •	330-4010	RES 10K DHM 1/9W 10% FIXED COMP	-	1.0000	EACH
						- · · ·

ASSEMBLY PART NUMBER 197-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF <IT(PROD STR)

POSITION IN STRJCTURE	LFGEND 1 2 3	COMPONENT Part Number	DESCRIPTION	ECN	QUANTITY PER ASSY	<b>U/4</b>	I4L
2	P FS	330-4033-4B	RES 33K DHM 1/4W 10% FIXED COMP	PATREL	3.0000	EACH	
3	FS *	330-4033	RES 33K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	PFS	330-4039-48	RES 39K OHM 1/4W 10% FIXED COMP	EC9100	1.0000	EACH	
		330-4039	RES 39K OHM 1/4V 10% FIXED COMP		1.0000	EACH	
	PFS	330-4047-48	RES 474 OHM 1/4W 10% FIXED COMP			EACH	
3	FS *	330-4047	RES 47K OHM 1/4W 10% FIXED COMP			EACH	
2	IN	331-2056	RES 560 OHM 1/2W 10% FIXED COMP IC REG UA 7815 +15V TO-3 IC REG UA 7915 -15V TO-220	247251	1.0000	EACH	
2	IN	374-0004	IC REG UM 7815 +15V 10-3	PAIREL	1.0000	EACH	
2	IN	374-0005	IC KEG UM 7915 -15V 10-22U	EC93/3		EACH	
2 2	IN	375-0017	TSTR 2N3014 3604W 40V SH NPN S 52 USE 375-1017 (REF ECN 5644)		1-0000	EACH	
2	IN In	375-1011	1010 0000000 1 00 000 00 000 0 10	PAIREL	1.0000	EACH Each	
2	IN	375-1017	TSTR 2N2906A 1.8W 60V SH PNP S 18 Transistor 2N6387 (Plastic) Transistor RCA8203A (Plastic)		1.0000	EACH	
2	IN	375-1052	TRANSISION ENGINE (FLASTIC)		1.0000	EACH	
2							
2	IN	375-900A	TRANSIPAD TO-18 (SMALL)	LC/100	2-0000	EACH	
2	IN	376-0002	TSTR 2N2907A 1.8W 60V SH PNP S 18 TRANSIPAD TO-18 (SMALL) IC 7400V 4 2 IV POS NAND GATE IC 7474N 2 D EDGE TRIG FLIP-FLOP IC 7404N HEX INVERTER IC 7408 4 2 IV POS AND GATE IC 7408 4 2 IV POS AND GATE IC 7432 4 2 IN OR GATE IC 7432 9 2 IN OR GATE IC 7411 3 3 IV POS AND GATE IC 7411 3 3 IV POS AND GATE IC LM339 4 CUMPARATOR IC AT37 HEY BUS REC W/HYST-SCHNIT T		1-0000	EACH	
2	IN	376-0002	IC 7474N 2 D FORF TRIG FLIP-FLOR		2.0000	EACH	
2	IN	376-0010	IC TAMAN HEX INVERTER		1.0000	EACH	
2	IN	376-0081	IC 7408 4 2 IN POS AND GATE		2.0000	EACH	
2	IN	376-0093	10 7432 4 2 IN OR GATE		1.0000	EACH	
2	IN	376-0104	IC 9602 2 RETRIG RESET MONDSTBL MV9		3.0000	EACH	
2	IN	376-0126	IC 555 TIMER		1.0000	EACH	
2	IN	376-0194	IC 7411 3 3 IN POS AND GATE		1.0000	EACH	
2	IN	376-0240 376-0283 380-1001-48 380-1001-8	IC.LM339 4 CUMPARATOR	PATREL	1.0000	EACH	
2	IN	376-0283				EACH	
2	PFS +	380-1001-48	DO35 SIL DIODE 30V. 100MA AT 1V .48		3.0000	EACH	
3	FS	380-1001-R	D035 SIL DIODE 30V. 100MA AT 1V .4B D035 SIL DIODE 30V. 100MA AT 1V TER		1.0000	EACH	
?	IN	380-2047	D/10 ZEN 1N750 A 4.7V 400MW S D0-7		1.0000	EACH	
2	IN	380-3008	Á15A RECTIFIER	EC9100	2.0000	EACH	
2	FS	380-4000	DIO 1N4004 400V 1A RECT S D041		2.0000	EACH	
?	1 N	510-7449	010 1N4004 400V 1A RECT S D041 7449 PCB 114 TWN SHT FOR CNTL		1.0000	EACH	
?	IN	654-1186	6 POS PIN HEADER AMP 1-380999-0	PATREL	1.0000	EACH	
?	IN	654-1193	6 POS PIN HEADER AMP 1-380999-0 3 POS P.C. HEADER ASSY AMP 350210-1	PATREL	1.0000	EACH	
1	IN	220-0198	I/O CA 114 PRTR (114) C6482-286		1.0000	EACH	
3	IN	000-0004	SUB-SYSTEMS		.7500	EACH	
?	IN	000-0011	LABOR QUALITY CONTROL		•1500		
2	IN	350-2083	SUB-SYSTEMS LABOR QUALITY CONTROL CONN 25-50 CABLE TO CABLE PLUG STRAIN RELIEF CVR 50 POS 180DEG GRV		2.0000	EACH	
2	IN	350-4229-6	STRAIN RELIEF CVR 50 POS 180DEG GRV	EC9496	2.0000	EACH	
?	1 N					LALM	
2	IN	350-4234	4-40X3/8 CAPT SCR FOR SCR 4T CONNS.		4.0000	EACH	
5	FS	420-0073	25 TWISTED PAIR SHIELDED CABLE		12.0000	FEET	
?	IN	458-0361	GROUND STRAP C6815-28	EC9450	4.0000	EACH	
2	IN	606-0198	CBL MARKER WH/BK 114P 220-0198	EC9699	1.0000	EACH	
3	FS	505-0139	4-40x3/R CAPT SCR FOR SCR 4T CONNS. 25 TWISTED PATR SHIELDED CABLE GROUND STRAP C6815-28 CBL MARKER WH/BK 1142 220-019R TURING 1/2 WH SHRINK POLYOLEFIN		-1140	FEET	

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MPO 080-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN DATE: 10/12/78

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ASSEMBLY PART NUMBER 187-9237-W - -ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part Number	DESCRIPTION  81  CHASSIS ASSY 60HZ SU3-SYSTEMS LABOR QUALITY CONTROL PCB ASSY 81 W/WWP MOTHERBOARD 20 POS. FLAT CA ASM (KBD) C6482-242 SU3-SYSTEMS LABOR QUALITY CONTROL CONN. 20 P PCB FLT CBL BOT 3M #3422 CONN. 20 P FLT CBL SOCKET 3M #3421 CABLE. FLAT 20 COND 3M #3365/20 TU3ING 3/4 PHEATSHRINK BLACK PVC RES 1K OHM 1/2W 10X FIXED COMP	E C N	QUANTITY PER ASSY	U/4	IML
1	IN	279-0559	81# CHASSIS ASSY 60HZ		1.0000	FACH	
2	IN	000-0004	SUB-SYSTEMS		5-4170	FACH	
2	IN	000-0011	LABOR QUALITY CONTROL		1.0830		
2	IN	210-7452	PCB ASSY 81W/WWP MOTHERBOARD		1.0000	FACH	
3	IN	220-3043	20 POS. FLAT CA ASH (KBD) C6482-242		1.0000	EACH	
•	IN	000-0004	SUB-SYSTEMS		-1180	EACH	
•	IN	000-0011	LABOR QUALITY CONTROL		.0240		
•	IN	350-0408-8	CONN.20 P PCB FLT CBL BOT 3M #3422		1.0000	EACH	
•	IN	350-0409	CONN. 20 P FLT CBL SOCKET 3M #3421		1.0000	EACH	
4	FS	420-0076	CABLE FLAT 20 COND 3M #3365/20	EC9825	1-6600	FEET	
4	1.2	605-0020	TUBING 3/4" HEATSHRINK BLACK PVC	EC8429	•4200	FEET	
3	IN	331-3010	RES 1K OHM 1/2W 10% FIXED COMP		5.0000	EACH	
3	IN	534-3015	•15 OHM 5W 5% FIXED RESISTOR		2.0000	EACH	
3	IN	334-0023	•15 OHM 10W 5% RESISTOR		1.0000	EACH	
3	IN	350-0011	225-21521-110 PC CONN SOLDER TYPE		9.0000	EACH	
3	1 N	350-0021	225-22221-110 SOL TYPE		10.0000	EACH	
3 3	IN	350-0039	44 POS P.C.CONN SOLDER TYPE (CINCH)		5.0000	EACH	
3	IN	380-3008	A15A RECTIFIER		2.0000	EACH	
3	1 N	510-7462	7462 PCB RIW/WWP MOTHERBOARD		1.0000	EACH	
3 3	1 N	554-0106	COHN HEADER 5 .100 1ROW STR PIN		1.0000	EACH	
3	1 N	559-0113	CONN MEADER. 6-6 .100 2ROW STR PIN		1.0000	EACH	
3	IN	654-1190	8 POS PIN HEADER AMP 350212-1		1.0000	EACH	
3	114	(54-1100-	3 POS P.C. HEADER ASSY AMP 350210-1	EC9305	1.0000	EACH	
3	IM	654-1178	TUBING 3/4" HEATSHRINK BLACK PVC  RES 1K OHM 1/2W 10X FIXED COMP  15 OHM 5W 5X FIXED RESISTOR  15 OHM 10W 5X RESISTOR  225-21521-110 PC CONN SOLDER TYPE  225-22221-110 SOL TYPE  44 POS P-C-CONN SOLDER TYPE(CINCH)  A15A RECTIFIER  7462 PCB RIW/WWP MOTHERBOARD  COWN HEADER 5 .100 1ROW STR PIN  COWN MEADER 6-6 .100 2ROW STR PIN  8 POS PIN HEADER AMP 350212-1  3 POS PS-C-HEADER ASSY AMP 350210-1  2 POS PIN HEADER ASSY AMP 350209-1	PATREL	2.0000	EACH	
2	IN	220-1188	WIRE & LUG ASSY TYPE POB2 D6482-12		1.0000	FACH	
3	IN	000-0004	SUB-SYSTEMS		-0130	FACH	
3	ΙN	000-0011	LABOR QUALITY CONTROL		-0030	CAUN	
3	PFS	600-0002	WIRE 18 GA RED UL		1-0800	FFFT	
2 3 3 3 3	FS	600-0009	WIRE R LUG ASSY TYPE P082 06482-12 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 18 GA RED UL WIRE 18 GA WHITE UL TUBING.3/8 ID HEATSHRINK TERMINAL FASTON .250X.032 PQ18R258M		1.0000	FEET	
3	FS	605-0132	TUBING.3/8 ID HEATSHRINK	FC9566	. 1250	CCCT	
3	FS +	654-0048-R	TERMINAL FASTON .250X.032 PQ18R258M	20,300	1.0000	FACH	
2		•••			******	LACII	
<b>~</b> 3	1 N	22U-11Hy	WIRE & LUG ASSY TYPE PR83 36482-12		1.0000	EACH	
3	1.0	000-0011	SUB-SYSTEMS		-0140	EACH	
3	D E C	(00-0011	LABUR QUALITY CONTROL		•0030		
3	F F3	600-0007	WIRE 18 GA VIULET UL		1.0800	FEET	
-	73	800-0003	WIRE & LUG ASSY TYPE PERS D6482-12 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 18 GA VIOLET UL WIRE 18 GA WHITE UL TUBING - 3/8 ID HEATSHRINK		1.0000	FEST	
3	FS	605-0132	TU3ING•3/8 ID HEATSHRINK Me259 PQ18R259M	EC9566	-1250	FFFT	
3	FS *	654-0048-R	TERMINAL FASTON .250X.032 PQ18R258M		1.0000	FACH	
2 3 3 5 4	T. 6.1				20000	CACH	
<b>`</b> 3	I N	220-1190	WIRE & LUG ASSY TYPE PO84 D6482-12		1.0000	EACH	
3	] N	000-3011	SUB-SYSTEMS		.0070	EACH	
3	1.4	000-0000	LASUR QUALITY CONTROL		.0010		
.7 <b>4</b>	- rs	600-0006	WITE THE GA HEUE UL		1.1200	FEET	
•	13	300-0007-	WIRE & LUG ASSY TYPE P084 D6482-12 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 18 GA BLUE UL WIRE 18 GA WHITE UL TUBING. 3/8 ID HEATSHRINK TERMINAL FASTON . 250X.032 PQ18R258M		1.0000	FEET	
3	FS	605-0132	TUBING. 3/8 ID HEATSHRINK	FC9566	-1250	E C C T	
3	FS +	654-0048-3	TERMINAL FASTON .250X.032 PQ188258M	-0/360	1.0000	FACH	

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ASSEMBLY PART NUMBER 187-9237-V - -ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN Structure	LEGEND 1 2 3	COMPONENT Part number		ECN	QUANTITY PER ASSY	<b>P</b> \U	IML
2	IN	270-3095	TRANSFORMER HARN ASH WWP C6482-252		1 0000	EACH	
3	IN	000-0004	SUB-SYSTEMS LABOR QUALITY CONTROL 60 HZ CONSTANT VOLT 81W C5068-123		-2800	CACH	
3	IN	000-0011	LABOR QUALITY CONTROL		-0560	LALI	
3	IN	410-0123	60 HZ CONSTANT VOLT 81W C5068-123		1.0800	FACH	
3	IN	<b>420-1005</b>	POWER CORD ROTRON FAN 16415	EC9346	1.0000	FACH	
3	IN	451-4634	BRKT.TRANSFORMER (81) C6631-387	EC9346	4.0000	EACH	
3	FS	505-0012	TUBING #4 CLEAR	EC9346	.4600	FEET	
3	FS	605-0014	TUBING #5 CLEAR	EC9346	1.0000	FEET	
3	FS	605-0132	TUBING+3/8 ID HEATSHRINK		1.0000	FEET	
3	FS	654-0017-R	TERMINAL FASTON .250x.032 PQ10R258	1 EC9346	2.0000	EACH	
3 3	FS *	654-0048-R	TERMINAL FASTON .250X.032 PQ18R258P	1 EC9346	2.0000	EACH	
3	r5 *	554-0084-R  500-3075  500-3078  500-9099  500-9024  500-9027  525-0021  525-2112  550-1036  550-1036  550-4118  560-9000  560-9000  580-9001  410-2005  420-1000  451-1112  451-2946  451-2946  451-4634  452-0035  458-0574  462-0141  510-6749  600-0000  600-0000  600-0000	SUB-SYSTEMS LABOR QUALITY CONTROL 60 HZ CONSTANT VOLT 81W C5068-123 POWER CORD ROTRON FAN 16415 BRKT.TRANSFORMER (81) C6631-387 TUBING #4 CLEAR TUBING #5 CLEAR TUBING.3/8 ID HEATSHRINK TERMINAL FASTON .250X.032 PQ16R258P TERMINAL FASTON .250X.032 PQ18R258P	1	4-0000	EACH	
2	IN	300-3075	14K UF 12V ELECT.CAP(SCREW TYPE) 8.2K UF 25V ELECTROLYTIC CAP(AXIAL) 30K UF 30V ELECTROLYTIC CAPACITOR		3.0000	EACH	
2	IN	300-3078	8.2K UF 25V ELECTROLYTIC CAP(AXIAL)	)	1.0000	EACH	
2	IN	300-3082	30K UF 30V ELECTROLYTIC CAPACITOR		2.0000	EACH	
2	IN	300-9009	CAP CLAMP 1 1/4 INCH 2 LUG CMC-22		3.0000	EACH	
2	IN	300-9024	CAP BOOT FOR #300-3042 GE #614		1.0000	EACH	
2	IN	500-9026	CAP CLAMP 1 1/4 INCH 2 LUG CMC-22 CAP BOOT FOR #300-3042 GE #614 CLAMP CRPACITOR OVAL 2.062*X 1.250* BRACKET CAPACITOR 2 IN 2 HOLE SPEAKER 3 IN 8 DHM MAGNETIC SQUARE SWITCH. ROCKER SPST	)	1.0000	EACH	
2	1 N	300-9027	BRACKET CAPACITOR 2 IN 2 HOLE	ECY653	2.0000	EACH	
5	176	320-0300	SPEAKER 3 IN 8 DHM MAGNETIC SQUARE		1.0000	EACH	
2	114	325-0021	SWITCH, ROCKER SPST		1.0000	EACH	
5	14	350-1036	SLIUL SW-115/230 VAC	EC9691	1.0000	EACH	
5	TN	350-1030	THE SULFIER COMMISSIONS AND THE		1.0000	EACH	
2	TN	350-2078	POLARIZING MEM DETUENT CONTROL OF		1.0000	EACH	
5	ĪN	360-0000	EUCE MOI DED BU DECOLE CONTACT	EC9823	1.0000	EACH	
2	ÌN	360-9000	RUBBER MONE FOR SECTIONS / SECTIONS		1.0000	EACH	
?	IN	360-9002	HEY NUT FOR 360-0000 / 360-0001		1.0000	EACH	
2	IN	360-9003	INCK WSHR   F#905023(FOR 360-0001)		1.0000	CACH	
2	IN	380-4005	RECTIFIER MINIBRIDGE 18 AMP		1.0000	EACH	
2	IN	380-4006	RECTIFIER MINIBRIDGE 15 AMP		1.0000	EACH	
2	IN	380-5001	250 VOLT VARISTOR V250LA20		1.0000	FACH	
2	IN	410-2005	LINE FILTER 5 AMP CORCOM 5K1		1.0000	FACH	
2	IN	420-1000	CORD POWER 3 COND		1.0000	FACH	
?	IN	451-1112	CHASSIS, SCRND (81W)	EC9823	1.0000	FACH	
2	IN	451-2946	COVER+SCRND 81W/SWTCH BOX 36631-550	)	1.0000	EACH	
?	IN *	451-4634	BRKT.TRANSFORMER (81) C6631-387		4.0000	EACH	
5	IN	452-0035	PLATE - SPEAKER GRILLE (-70) 86634-121		1-0000	EACH	
?	IN	458-0574	BOX-FILTER SWITCH C6631-542	?	1.0000	EACH	
?	IN	462-0141	SPCR. PHENOLIC CURRENT 4-250		7.0000	EACH	
2	IN	510-6749	6749 PRINTED CIRCUIT BOARD	EC9691	1.0000	EACH	
?	PFS	600-0000	WIRE 18 GA BLACK UL		2.2100	FEET	
2	P FS	600-0003	WIRE 18 GA ORANGE UL		-6400	FEET	
	FS	600-0009	BRACKET CAPACITOR 2 IN 2 HOLE SPEAKER 3 IN 8 DHM MAGNETIC SQUARE SWITCH. ROCKER SPST SLIDE SW.115/230 VAC BNC SOCKET (F) CONN UG1094A TNC BULKHEAD CONN(F) (PANEL) BW311403 POLARIZING KEY 3ETWEEN CONTACT5 OPK2 FUSE HOLDER 90 DEGREE CONTACT RUBBER WSHR FOR 360-0000 / 360-0001 LOCK WSHR LFW905023(FOR 360-0000/1) RECTIFIER WINIBRIDGE 18 AMP RECTIFIER WINIBRIDGE 15 AMP RECTIFIER WINIBRIDGE 15 AMP RECTIFIER WINIBRIDGE 15 AMP CORD POWER 3 COND CHASSIS. SCRWD (81W) COVER. SCRWD 81W/SWITCH BOX D6631-550 BRKT. TRANSFORMER (81) C6631-387 PLATE. SPEAKER GRILLE(-70)86634-121 BDX. FILTER SWITCH C6631-387 PLATE. SPEAKER GRILLE(-70)86634-121 BDX. FILTER SWITCH C6631-542 SPCR. PHENDLIC CURRENT 4-250 G749 PRINTED CIRCUIT BOARD WIRE 18 GA BLACK UL WIRE 18 GA WHITE UL WIRE 18 GA WHITE UL WIRE 18 GA WHITE UL		1.0000	FEST	
	P FS	500-0004	WIRE 18 GA YELLDW UL		•720n	FEET	
3	FS	600-0009	WIRE 18 GA PHITE UL		1.0000	FEET	
2	P FS	600-0054	WIRE IN GA GREEN/YELLOW UI		. 8800	2551	
3	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FFFF	
					1.0000	1	

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ASSEMBLY PART NUMBER 197-9237-W - -ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TASSED OUT OF (IT(PPOD STR)

POSITION IN STRUCTURE			DESCRIPTION	E C N	QUANTITY PER ASSY	<b>U/</b> 4	JYL
2	P FS	600-3000	WIRE 26 GA BLACK				
3	FS	600-3009	WIRE 26 GA BLACK WIRE 26 GA WHITE		1.0300		
2	P FS	500-3002					
3	FS	600-3009	WIRE 26 GA RED WIRE 26 GA WHITE		•4500	FEET	
_					1.0000	FELI	
2 3	P FS FS	600-3004	WIRE 26 GA YELLOW		-4100	FEET	
•	FS	500-3009	WIRE 26 GA WHITE		1.0000	FEET	
2_	P FS	500-3005	WIRE 26 GA GREEN		•5800	FEET	
3	FS	600-3009	WIRE 26 GA GREEN WIRE 26 GA WHITE		1.0000		
2	P FS	600-3006	WIRE 26 GA BLUE				
3	FS	600-3009	WIRE 26 GA WHITE		•4100 1•0000		
2	P FS	(00 7000					
3	FS	600-7000 600-7009	16 GA BLACK STRANDED WIRE 16 GA WHITE STRANDED WIRE	EC9614	•2500		
			TUBING PVC #B CLEAR TUBING #4 CLEAR TUBING #5 CLEAR TUBING #5 CLEAR TEFLON TUBING #16 PENNTUBE CABLE TYE. PAN-TY PLTIM-M CABLE TYE. PAN-TY TY-232M 4-40 X 5/8 PAN HO PHL MS SS SEMS 6-32 X 1/4 PAN HO PHL MS SS SEMS SCR 6-32 5/8 PHIL PH MS SS 8-32 X 3/8 PAN HO PHL MS SS SEMS		1.0000	FEET	
	FS	605-0010	TUBING PVC #B CLEAR		-1200	FEET	
2 2	FS FS	605-0012 605-0014	TUBING #4 CLEAR		•5800	FEET	
5	FS	605-0127	TELLON TURING HEC DENUTURE		•5600	FEET:	
2	FS	605-1004	CABLE THE DANGE HIS PENNINGS		•3300	FEET	
2	FS	605-1010	CARLE TYE. DAN-TY TW-OTON		17.0000	EACH	
2	IN	550-2200	A-AO Y 5/8 DAY UD BUL MC CC CEMC		1.0000	EACH	
2	IN	650-3080	6-35 X 1/9 DAN NU DRI NG GG CENG		19.0000	EACH	
2	IN	550-3200	SCR - 6-32 5/8 PHI PH WE SE		19.0000	EACH	
2	IN	550-4120	8-32 X 3/8 PAY HD PHL WS SS SEMS	EC9614	7.0000	EACH	
2 2	IN	650-6120	SCR 10-32 3/8 PHIL PH 45 SS	207014	4.0000		
2	IN	650-6240			2.0000		
2	IN	651-0435	SCR 10-32 3/4 PHIL PH MS SS RIVET POP AK 429 BS 6-32 LOCK-NUT KEPS 511-361800-00 4-40 LOCK-NUT KEPS SS 10-32 LOCK NUT KEPS #511-101800-50 WASHER, NO.4 WYLON 1/8 ID X 3/8 OD NO. 4 FLAT WASHER	EC9691	5.0000		
2	IN	652-0032	6-32 LOCK-NUT KEPS 511- 961800-00	207071	7.0000		
?	IN	652-2005	4-40 LOCK-NUT CEPS SS		19.0000		
2	IN	652-6002	10-32 LOCK NUT (EPS #511-101900-50		4.0000		
2	IN	553-0003	WASHER. NO.4 WYLON 1/8 ID X 3/8 OD		12.0000		
2	IN	653-2000	NO. 4 FLAT WASHER		19.0000		
2	IN	653-2007	WASH 4 .11510 .21200 SPLIT SS		19.0000		
2	IN	653-3003	WASH 6 - 14110 - 25300 SPLIT SS		5.0000		
?	IN	653-6000	WASH 10 -20310 -43800 -032 FL SS		4.0000		
2 2	IN	653-6001	WASH 10.204ID .3810D INT T ST		4.0000		
	IN	654-1006	#6 GROUND LUG #8 GROUND LUG #10 GROUND LUG	EC9691	3.0000	EACH	
2	IN	654-1008	#8 GROUND LUG	EC9614		EACH	
2 2	IV	654-1010	#10 GROUND LUG		10.0000	EACH	
2	IN	654-1227	GRUMMET 5/8 ID X 1 1/8 OD 7/8 HOLE		1.0000	EACH	
ć	IN	654-1258	HEYCO STRAIN RELIEF SR5P-4		1.0000	EACH	
1	IN	271-1141-1	114/928 KEYRD ASSY		1.0000	FATH	
2	IN	210-7365-1	7365-1 KYBD MDL B1W (928)		1.0000 1.0000	FACH	
3	IN	000-0001	LABOR SUB-SYSTEMS		1.4840		
3	ΙN	000-0011	LABOR QUALITY CONTROL		•2970		
3	IN	325-2305	GROUND LUG GROWNET 5/8 ID X 1 1/8 OD 7/8 HOLE HEYCO STRAIN RELIEF SR5P-4  114/928 KEYBD ASSY 7365-1 KYBD MOL B1W (928) LABOR SUB-SYSTEMS LABOR OUALITY CONTROL 11SM1 MICRO SWITCH FOR CP-1	EC9104	2.0000	EACH	

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: +=TAGSED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part Number	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
3	IN	370-0015	CM6833 AS15 CLEAR LAMP		5.0000	EACH	
3	IN	370-1020	1200 LAMPHOLDER B5776-895		6.0000	EACH	
3	IN	510-7365	7365 PCB KEYBOARD MOL 81W		1.0000	EACH	
3	FS	605-0017	TEFLON TUBING #28 TFT 200	EC8570	1.0000	FEET	
3	IN	652-3002	NUT 6-32UNC HEX REG PAT NYLON		6.0000	EACH	
3	IN	654-0122	20 POS .100 HEADER 34 3492-1002	EC8570	1.0000	EACH	
2	IN	325-2111	SLIDE SW.DOUBLE POLE 3 POS.#GW/0-77		1.0000	EACH	
2	IN	<b>452-1058</b>	PLATE BEARING (81W-WWP) C6631-SK013		1.0000	EACH	
2	IN	462-0020	CA SPACER KB 4-40 TAP A5315-M21 SM WHT KEY STEM SM GRN KEY CAP KEY RETAINER B5900-32		2.0000	EACH	
2	IN	550-0005	SM WHT KEY STEM		1.0000	EACH	
2 2	FS	550-0006-5	SM GRN KEY CAP		7.0000	EACH	
2	IN	550-0013	KEY RETAINER B5900-32		7.0000	EACH	
2	IN	550-0068	KEY STEN.SMALL LIGHTED B6815-14		5.0000	EACH	
2 2	IN	550-0746	NO 46 INSERT GROUP C6856-2		1.0000	EACH	
2	IN	650-2082	4-40X1/4 FL HD PHL MS PARKERIZE		4.0000	EACH	
2	IN	650-2087	4-40X1/4 PAN HD PHL 45 SS 4AG. SE4S		2.0000	EACH	
2	IN	652-2000	NUT 4-40UNC HEX REG PAT SS		2.0000	EACH	
2	IN	653-2002	WASH 4 .12310 .2650D INT T ST		2.0000	EACH	
2	IN	554-1209	GROMMET 1/410 FOR 3/8HOLE 1/8PML		5.0000	EACH	
1	IN	279-4027	81W TOP COVER ASSY 6631-66		1.0000	EACH	
2	IN	325-0027	SWITCH.CHEAT INTERLOCK CH#E69-30A		1.0000	EACH	
2	IN	450-0904	WANG NAME TAG C6815-97	EC9526	1.0000	EACH	
2	IN	451-2947	CVR.FRNT.TOP WELD(81W) D6631-SK080		1.0000	EACH	
2	IN	451-2951	CVR TP WLD(90SSES)81W E6631-SK083		1.0000	EACH	
5	1 N	451-2956	CVR . KNOB SHFT LG CUTOUT B6531-SK032		2.0000	EACH	
2	IN	451-4702	CVR.KNOB SHFT LG CUTOUT B6531-SK032 BRKT.CVR HINGE(B1W/WWP) C6631-SK051 PLT.FNSH SNGL SLT(B1W)SSC6631-SK053		2.0000	EACH	
2	IN	452-2352	PLT+FNSH SYGL SLT(81W)SSC6631-SK053		1.0000	EACH	
	IN	452-4057	SUIDE • EDGE (81) 36631-351		1.0000	EACH	
2	IN	458-0458	PPR SCALE SCRVD MDL 81 15*C6531-362		1.0000	EACH	
2 2	IN	458-0474	KACK+COVER(B1) D6631-358		1.0000	EACH	
	IN	458-0578	WRAP+CNTR (WELD)81W C6818-670		1.0000	EACH	
2	IN	461-3348	ROD . EDGE GUIDE (81) 86631-356		1.0000	EACH	
2 2	IN	462-0322	SPACER.CLIP.BAR(B1W/WWP B6631-SK036		2.0000	EACH	
	IN	462-0329	SPACER CLIP HTG 81W/WWP 86631-SK029		2.0000	EACH	
2 2	IN	465-0843	HINGE • PIN(81W/81WWP) 86631-SK101 SPRING • EDGE GUIDE (81) 86631-378 PIN CLIP • CTR WRAP 86631-SK115		2.0000	EACH	
2	IN	465-1669	SPRING. EDGE GUIDE (81) 86631-378		1.0000	EACH	
2	IN	478-0430	PIN CLIP+CTR WRAP 86631-SK115		5 • 0 0 0 0	EACH	
2	IN	650-0083	2-56 x 1/4 PAV 40 PHIL MS SS SEMS	EC9526	4.0000	EACH	
2	IN	650-2120	4-40 X 3/8 PAN HD PHL MS SS SEMS	EC9526	5 • 0 0 0 0	EACH	
	IN	550-3124	6-32 X 3/8 TRUSS HD PHL MS SS	EC9526	2.0000	EACH	
<b>2</b>	IN	650-3161	SCR 5-32 1/2 PHIL FLAT H MS SS	EC9526	5 • 0 0 0 0	EACH	
	I٧	650-4123	8-32X3/8 TRUSS 4D PHL 4S SS CATCH+ACCESS COVER	EC9526	2.0000	EACH	
2	IN	551-0240			6.0000	EACH	
	IN	652-0032	6-32 LOCK-NUT (EPS 511-061800-00		10.0000	EACH	
2	IN	652-0990	NUT 2-56UNC HEX REG PAT SS		9.0000	EACH	
2	IN	652-2000	NUT 4-40UNC HEX REG PAT SS	EC9526	12.0000	EACH	
2	IN	652-3005	6-32 LK NUT ESNA 22 NTM-62 NO. 2 INT T LK WASHER	EC9526	4.0000	EACH	
2	IN	653-0990	NO. 2 INT T LK WASHER	EC9526	4.0000	EACH	
2	IN	653-2002		EC9526	10.0000	EACH	
2	IN	553-3000	WASH 6 .14910 .37500 .016 FL SS	EC9526	15.0000	EACH	

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ASSEMBLY PART NUMBER 197-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND 1: P=PHANTOM: 2: ITEM MASTER DELY CODE: 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN	LEGEND 1 2 3		DESCRIPTION	ECN	QUANTITY PER ASSY	<b>P</b> \U	IML
2	IN	653-3003	WASH 6 .14113 .25300 SPLIT SS	EC9526	5.0000	EACH	
1	IN	279-4028	ATM BOTTOM COVER ASSY 6631-65		1.0000	EACH	
• ?	IN	151-1237	PAN-BOTTOM (91W) E6631-SK100		1.0000	EACH	
Ś	ÍN	650-6150	10-32 X 1/2 PAN HD PHL MS SS SEMS		4.0000	EACH	
,	IN	650-3049	SCREW-KNURLED SLOT HEAD	20,020	5.0000	EACH	
2	IN	551-0239	RECEPTACLE • CLIP DN		2.0000	EACH	
2	ĪN	652-5002	10-32 LOCK NUT (EPS #511-101800-50	EC9526	4.0000	EACH	
2	IN	655-0205	BUMPER. WHITE #2095SW	EC9526	4.0000	EACH	
1	PIN	279-5136	81 MECHANICAL FINAL ASSY 5631-36		1.0000	EACH	
2	IN	220-1222	WIRE & LUG ASSY TYPE P103 D6482-12	EC9181	2.0000	EACH	
3	P FS	500-3000	WIRE 26 GA BLACK		-2100	FEET	
4	FS	500-3009	WIRE 26 GA WHITE		1.0000	FEET	
3	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6		2.0000	EACH	
2	I٧	220-3042	HEAD CABLE ASY 81 & 82 D6482-241	EC9181	1.0000	EACH	
3	IN	000-0004	SUB-SYSTEMS		4.1320		
3	IN	000-0011	LABOR QUALITY CONTROL		.8260		
3	FS	380-4000	DIO 1N4004 400V 1A RECT S D041	EC9356	2.0000	EACH	
3	FS	420-0066	16 COND FLAT FLEX CABLE(81)	EC9356	5.8300		
3	IN	451-4498	BRKT.FLEX CABLE(B1)C6631-276		1.0000	EACH	
3	IN	452-0077	PLATE + CONNECTOR CLAMPING (81) 6631272		1.0000	EACH	
3	IN	452-2575	CLAMP PLATE .FLEX CABLE(81)36631-274		2.0000	EACH	
3	IN	452-3545	SHIELD.MYLAR (81) 86631-384		1.0000	EACH	
3	IN	452-4045	GUDE+FLEX CA9LE(81)86631-313		1.0000	EACH	
3	I٧	510-7263	7263 PRINTED CIRCUIT BOARD		1.0000	EACH	
3	IN	510-7265	7265 PRINTED CIRCUIT BOARD		1.0000	EACH	
3	IN	650-2087	4-40X1/4 PAN HD PHL MS SS MAG. SEMS		2.0000	EACH	
3	IN	650-3121	SCR 6-32 3/8 PHIL FLAT H MS SS		2.0000		
3	IN	550-3160	6-32 X 1/2 PAN HD PHL MS SS SEMS	EC9356	3.0000	EACH	
3	ΙN	653-3002	WASH 6 .141ID .25000 .062 FL NYL		1.0000	EACH	
3	IN	654-0104	CONN HEADER. 3 .100 1ROW STR PIN			EACH	
3	IN	654-0106	CONN HEADER 6100 IRON STR PIN		4.0000	EACH	
3	FS	660-0082	FOAM TAPE 1/8 THK X 3/8 WIDE	EC9339	•3320	FEET	
2	IN	270-3091	PPR OUT & MARGIN SW.HARN.C6482-243	EC9774	1.0000	EACH	
3	IN	000-0004	SUB-SYSTEMS		•5000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		•1000		
3	PFS	600-2000	WIRF 24 GA BLACK UL	EC9461	4.3300	FEET	
4	FS	600-2009	WIRE 24 GA WHITE UL		1.0000	FEET	
3	P FS	500-2002	WIRE 24 GA RED UL		.8800	FEET	
4	FS	600-2009	WIRE 24 GA WHITE UL		1.0000	FEST	
3	P FS	600-2090	WIRE 24 GA WH/BL< UL	EC9461	3.5000		
4	FS	600-2009	WIRE 24 GA WHITE UL		1.0000	FEET	
3	P FS	500-5000	WIRE 26 GA BLACK		1.6600	FEET	
4	FS	600-3009	WIRE 26 GA WHITE		1.0000	FEET	
			•				

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION	E C N	QUANTITY PER ASSY	U/4	TAL
_					FER #331		
3	PFS	600-3002	WIRE 26 GA RED		1.6600	FEET	
	FS	500-3009	WIRE 26 GA RED WIRE 26 GA WHITE WIRE 26 GA WHITE TUBING NO 6 CLEAR TERMINAL FASTON -187X-020 PQ18R188M 30-26 GA CRIMP SNAP CONT AMP85967-6 -025 KEYING PLUG AMP 8707-2 CONN HSG 6-5 -100 2ROW		1.0000	FEST	
3	FS FS FS IN IN	600-3009	WIRE 26 GA WHITE		1-6600	FFFT	
3	FS	605-0109	TUBING NO 6 CLEAR	EC9461	3-1700	FFFT	
3	FS	554-0082-R	TERMINAL FASTON .187X.020 PG18R188M		4.0000	REFL	
3	FS	554-0102-R	30-26 GA CRIMP SNAP CONT A4P85967-6	EC8495	7.0000	FACH	
3	IN	654-0103	.025 KEYING PLUG AMP 8707-2		1.0000	EACH	
3	IN	654-0114	CONN HSG 6-5 .100 2ROW		1.0000	EACH	
,	IN	279-5111	IDLER PULLEY BRKT ASSY 86631-11		1.0000	FACH	
3	IN	000-0011	LABOR QUALITY CONTROL		-0060	EACH	
3	IN	000-0024	LABOR PREP AREA		-0280	FACH	
3	IN	451-4477	BRKT.IDLER PULLEY(LH)(81)86631-116		1.0000	FACH	
3	IN IN IN IN	461-3291	IDLER PULLEY BRKT ASSY B6631-11 LABOR QUALITY CONTROL LABOR PREP AREA BRKT+IDLER PULLEY(LH)(81)B6631-116 STJD+PULLEY NOUNTING(81)B6631-134		1.0000	EACH	
?	IN	279-5112	IDLER PULLEY ASSY B6631-12		2-0000	FACU	
3	IN	000-0011	LABOR QUALITY CONTROL		-0260	CACH	
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		-1290		
3	IN	465-0009	BALL BEARING . KUBAR#SRAHH ABEC-3		1.0000	FACH	
3	IN	478-0336	IDLER PULLEY ASSY B6631-12 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS BALL BEARING. KUBAR#SRAHH ABEC-3 PULLEY. CARRIAGE IDLER(81)C6631-127		1.0000	EACH	
2	IN	279-5114	CARRIER STEEL CABLE ASSY(81)6631-14		2-0000	FACH	
3	IN	000-0011	LABOR QUALITY CONTROL		-0140	LACI	
<b>3</b> ,	IN	000-0024	LABOR PREP AREA			FAPH	
3	IN	458-0275	CARRIER CABLE END FITTING 36497-198	EC7869	1-0000	FACH	
3	IN	465-0417	COLLAR + CLUTCH CABLE (62) B6636-202		1.0000	FACH	
3	IN	465-0728	CARRIER STEEL CABLE ASSY(81)6631-14 LABOR QUALITY CONTROL LABOR PREP AREA CARRIER CABLE END FITTING 36497-198 COLLAR.CLUTCH CABLE(62)86636-202 BUSHING.CABLE(62)36636-149 CARRIAGE MOTOR ASSY 5631-15		1.0000	EACH	
,	IN IN IN IN IN IN IN EN EN EN EN EN EN EN EN EN EN EN EN EN	279-5115	CARRIAGE HOTOR ASSY 6631-15		1-0000	FACU	
3	IN	000-0011	LABOR QUALITY CONTROL		-3480	CAUN	
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		1-7420		
3	IN	220-1177	CARRIAGE DR. MIR CA ASM 86482-240	EC7923	1.0000	FACH	
•	IN	000-0004	SUB-SYSTEMS		.0650	FACH	
4	IN	000-0011	LABOR QUALITY CONTROL		•0130		
4_	PFS	600-1000	WIRE 22 GA BLACK		-6600	FEET	
5	P FS	600-1009	CARRIAGE MOTOR ASSY 6631-15 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS CARRIAGE DR. TTR CA ASM B6482-240 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 22 GA BLACK WIRE 22 GA WHITE		1.0000	FEET	
4 ,	P FS	600-1009	WIRE 22 GA WHITE  WIRE 22 GA WHITE  CABLE TYE. PAN-TY PLTIM-M  M6 FORKLUG AMBER 20-26 GA (2K REEL)  SOCKET HOUSING 1-480318-0  SOCKET 30-22 GA(REEL)AMP 3500078-4		-6600	FFFT	
4	FS	605-1004	CABLE TYE. PAN-TY PLTIM-M		1-0000	FACH	
4	FS	654-0120-R " -	N6 FORKLUG AMBER 20-26 GA (2K REEL)		2-0000	FACH	
•	ΙN	654-1148	SOCKET HOUSING 1-480318-0		1.0000	FACH	
4	FS FS IN FS	654-1165-R	SOCKET 30-22 GA(REEL)AMP 3500078-4		2.0000	EACH	
3	IN	380-0107	SENSOR E EMITTE ACM BAUGUED CCTA-AD			FACU	
4	IN	380-0105	LED SENSOR AST (81)		•0000	FACH	
4	IN	380-0106	LED SENSOR ASM (81) LED EMITTER ASM (81)		-0000	FACH	
3	IN	400-0034	40TOR+CARRIER(81)96631-102		1 0000	<b>5484</b>	
3	IN	449-0174	COVER CARRIAGE ENCORERIDORES 1-214		1 0000	CACH	
3	11	451-4496	BRKT-ENCODER ADJUST(81)C6631-299	FC7023	1.0000	EACH	
3	IN	452-0070	MOTOR+CARRIER(81)96631-102 COVER+CARRIAGE EMCOR(81)D6631-214 BRKT+ENCODER ADJUST(81)C6631-299 PLATE+ENCODER 120 (81) C6631-210	,63	1.0000	EACH	

MBD OBO-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN JATE: 10/12/78

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ASSEMBLY PART NUMBER 197-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND

1: P=PHANTOW: 2: ITEM MASTER DELY CODE: 3: \*=TAGSED DUT DE <IT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part Number		E C N	DUANTITY PER ASSY	<b>W/U</b>	IML
3	FS	452-2154	MASK • ENCODER (120W) C6631-106 CLAMP • ENCODER HUB (81) B6631-206 CAP • ENCODER HUB 120(91) B6631-239		1.0000	EACH	
3	IN	452-2573	CLAMP.ENCODER HUB (81) 86631-206	EC7923	1.0000		
3	IN	458-0375	CAP . ENCODER HUB 120(91)86631-239		1.0000	EACH	
3	IN	461-1036	ENCOR DISC.PRINTWHEEL (120)C6531-111		1.0000	EACH	
3	IN	461-3276	HOUSING, ENCODER(81)D6631-184		1.0000	EACH	
3	IN	461-3298	SCREW, ENCODER ADJUST(81)86531-253		1.0000	EACH	
3	IN	462-0283	SPCR .140 ID .250 0D .125 L RD F		3.0000	EACH	
3	IN	465-1062	SPCR •140 ID •250 OD •125 L RD F HJB•ENCODER 120(81)96631-211 DRUM•CARRIAGE(81)96631-280		1.0000	EACH	
3	IN	478-0341	DRUM.CARRIAGE(81)36631-280		1.0000	EACH	
3	IN	650-0002	CCD A-GRY1/A BO HO CLOTTED	CATOAT	2.0000	EACH	
3	IN	650-2087	4-40X1/4 PAN HD PHL MS SS MAG. SEMS		2.0000	EACH	
3	IN	650-2168	4-40 X 1/2 SOC HD CAP (BLACK)		1.0000	EACH	
3	IN	650-3121	SCR 6-32 3/8 PHIL FLAT H MS SS	EC9774	1.0000	EACH	
3	IN	650-3130	6-32 X 3/8 TRUSS HD PH MS CAD PL	EC9774	2.0000	EACH	
3	IN	650-3319	SCR 6-32X1 PHL FLT HD	EC7923	4.0000	EACH	
3	IN	551-1507	PIN ROLL .125 DIA .750 LG SS	EC6517	1.0000	EACH	
3	IN	651-1753	RTNR RING .125 SFT DIA EXT TYPE E		1.0000	EACH	
3	IN	656-0107	SEAL, ENCODER 120(81)86631-204		1.0000	EACH	
3	IN	660-0194	LOCTITE NO. 35	EC7923	.0010	EACH	
2	IN	279-5117	U CHANNEL ASSY 6631-17 Labor Quality Control Labor Peripheral Systems		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		.1520		
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		.7610		
3	IN	279-5118	ARY & ROLLER STUD ASSY(L)B6631-1B	EC6821	1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		•0040		
4	IN	000-0024	LABOR PREP AREA		.0190	EACH	
4	IN	458-0378	ARM+FEED ROLLER(81186631-142		1.0000	EACH	
4	IN	461-3307	LABOR QUALITY CONTROL LABOR PREP AREA ARM,FEFD ROLLER(811/66631-142 STUD, NOLLER ARM MTG(81)86631-170		1.0000	EACH	
3	IN	279-5118-1	ARM & ROLLER STUD ASSY(R)86631-18		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL LABOR PREP AREA		.0040		
4	IN	000-0024	LABOR PREP AREA		•0190	EACH	
4	IN	458-0378	ARM.FEED ROLLER(81)C6631-142		1.0000	EACH	
4	IN	461-3307	STJD.ROLLER ARM MTG(81)86631-170		1.0000	EACH	
3	IN	279-5119	ARM & GUIDE STUD ASSY(L) B6631-19	EC6821	1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CUNTROL Labor prep area		.0040		
4	IN	000-0024	LABOR PREP AREA ARMoFEED ROLLER(B1)C6631-142		.0190	EACH	
4	IN	458-0378			1.0000	EACH	
4	IN	461-3308	STUD.PAPER GUIDE MTG(81)86631-173		1.0000	EACH	
3	IN	279-5119-1	ARM & GUIDE STUD ASSY(R) B6631-19	ECF 33	1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0040		
4	IN	000-0024	LABOR QUALITY CONTROL Labor Prep Area Arm, Feed Roller(B1)C6631-142		•0190	EACH	
4	IN	458-0378	ARM FEED ROLLER (81) C6631-142		1.0000	EACH	
4	IN	461-3308	STJD.PAPER GUIDE MT3(81)96531-173		1.0000	EACH	
3	IN	451-1943	CHANNEL ROLLER ARM MT(B1)C6631-194		1.0000	EACH	
3	IN	451-4483	CHANNEL ROLLER ARM MT(81)C6631-194 BRKT.ROLLER ARM PIVOT(81)B5631-190		1.0000	EACH	
3	IN	451-4485	BRKT.CAM PLT LOCATE(LH)(81)C6631187 BRKT.CAM PLT LOCATE(H)(81)C6631187		1.0000	EACH	
3	IN	451-4486	BRKT.CAM PLT LOCATE (RH) (81) C6631447		1.0000	EACH	
3	IN	451-4493	BRKT.PAPER-OUT DETECT(81)D6631-28	EC8675	1.0000	EACH	

1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3		DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	TML
3	IN	458-0377	ARM+FEED ROLLER MTG(81)86631-163		4.0000	EACH	
3	ΙN	458-0386	CAM FOLLOWER, PAPER REL(81):C6631-128 LEVER, PAPER-OUT BRKT(81):C6631-283 ROLLER SHAFT, PLAT PRES(81):C6631-169		1.0000	EACH	
3	IN	458-0396	LEVER + PAPER - OUT 3RKT(81)C6631-283		1.0000	EACH	
3	ΙV	461-3277	ROLLER SHAFT.PLAT PRES(81)C6631-169		1.0000 1.0000 4.0000	EACH	
3	IN	461-3305	SHAFT.FEED ARM PIVOT(81)86631-139		1.0000	EACH	
3	IN	461-3315	ROD .CAM(81)86531-188		1.0000	EACH	
3	IN	461-3317	STUD.CAM FOLLOWER (81) B6631-286		1.0000	EACH	
3	IN	461-3325	PIVOT.PAPER-DUT BRKT(81/2)3		5.0000	EACH	
3	IN	465-0734	BEARING .375 ID .078 LG 2 FLG NYL		3.0000	EACH	
3	IN	465-1647	EXT SPRING.ROLLER ARM(81)86631-244		4.0000	EACH	
3	IN	550-2120	4-40 X 3/8 PAV HD PHL 4S SS SE4S		2.0000	EACH	
3	IN	650-2201	SCR 4-40 5/8 PHIL FLAT H MS SS		5 • 0 0 0 0	EACH	
3	IN	650-4080	SCR 4-40 5/8 PHIL FLAT H MS SS 8-32 X 1/4 PAN HD PHL MS SS SEMS		6.0000	EACH	
3	1 N	650-4130	8-32x3/8 SOC SET COP POINT BEK OX	EC7923	1.0000	EACH	
3	IN	651-1649	PIN.GROOVED 1/B DIA X 3/4 LG TYPE D		4.0000	EACH	
3	IN	651-1724	RTNR RING .373 SFT DIA EXT GRIP-ON		5.0000	EACH	
3	IN	551-1728	RINK RING .248 SFT DIA EXT GRIP-ON		5.0000	EACH	
3	IN	651-1735	RTNR RING -248 SFT DIA EXT GRIP-ON C RING TRUARC 5133-18 MF WASHER-NYLON(81)B6631-304		7.0000	EACH	
3	IN	653-0042	WASHER . NYLON(81)86631-304		2.0000	EACH	
3	IN	660-0577	FDAM-SOUND DEADENER (81) 86631-383	EC8675	2.0000	EACH	
2	IN	279-5120	PLATTEN ASSY 6631-20 Labor Quality Control Labor Peripheral Systems		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		•0510		
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		•2550		
3	IN	279-5121	INCATOD DUCH P DEADING ACV ((71-0)		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL LABOR PREP AREA		.0040		
4	IN	000-0024	LABOR PREP AREA		.0200	EACH	
4	IN	465-0255	BEARING .3135 ID .250 LG BRZ		1.0000	EACH	
4	IN	465-0733	BEARING •3135 ID •250 LG BRZ BUSHING •PLATEN LOCATOR(81)86631-159		1.0000	EACH	
3	IN	449-0156	KVDB.PLATEN(MOLDED)(81)C6631-120		2.9000	EACH	
3	IN	449-0157	CONE.VERNIER(81)(MOLDED)C6631-143		1.0000	EACH	
3	IN	458-0381	PLATEN+RDP(81)C5531-172		1.0000	EACH	
3	IN	461-1032		EC6869	2.0000	EACH	
3	IN	461-2022	GEAK+VEKY1EK(81)U5631-144		1.0000	EACH	
3	IN	461-2025	GEAR TRACTOR FEED 32P/54T 36631-338	EC7755	1.0000	EACH	
3	IN	461-3300	PLUNGER . VERNIER CLUTCH(81)36531-118		1.0000	EACH	
3	IN	465-0262	NEEDLE BEARING TORR 8-59		1-0000	EACH	
3	IN	465-1648	SPRING. VERNIER CLUTCH (81)86631-245 Spring. Knob Lectra #3200		1.0000	EACH	
3	IN	465-1653	SPRING.KNOB LECTRA#3200		4.0000	EACH	
3	IN	650-5080	10-24 X 1/4 CONE PT SET SCR(BLACK)		5.0000	EACH	
3	IN	651-1647	PIN. VERN CLUTCH ACTUATE (81)85631158		1.0000	EACH	
3	IN	651-1753	RTNR RING .312 SFT DIA EXT CRESCEN		1.0000	EACH	
3	IN	553-0041	WASHER . VERNIER (81)86531-119		1.0000	EACH	
2	IN	279-5122	PLATEN PLATE ASSY (RH) 6631-22 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS PLATEN PLATE PREP (RH) 6631-23 LABOR QUALITY CONTROL LABOR PREP AREA PLATE *PLATEN(RH) (R1) D6631-167		1.0000	EACH	
	IN	000-0011	LABOR QUALITY CONTROL		•0990		
3 3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		•4960		
3	17	279-5123	PLAIEN PLATE PREP (RH) 6631-23		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		•0060		
4	IN	000-0024	LABUR PREP AREA		.0280	EACH	
7	IN	452-0069	PLAIL		1.0000	EACH	

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MBOURO-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN DATE: 10/12/78

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ASSEMBLY PART NUMBER 197-9237-W - -ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN	LEGENO	COMPONENT	DESCRIPTION E	: C N	YTITMAUD	U/4	T W I
STRUCTURE	1 2 3				PER ASSY	•••	
4	IN	458-0517	HANGER PAPER BAIL SPRING 86631-154 EC	7755	1.0000	EACH	
4	IN	461-3303	PIVOT PAPER BAIL ARM(81)86631-155		1.0000	EACH	
4	IN	461-5304	PIVOT PAPER BAIL ARM(RI)B6631-155 PIVOT PLATEN LATCH(BI) B6631-160		1.0000		
3	IN	449-0170	KNOB.PAPER RELEASE(81)D6631-147		1.0000	EACH	
3	IN	451-4482			1.0000	EACH	
3	IN	458-0295	MP-70 FORMAT CONTROL STOP 86615-138 EC	7923	1.0000	EACH	
3	IN	458-0384	LATCH.PLATEN(RH)(B1)C6631-164		1.0000	EACH	
3	1 N	458-0385	LINK.PAPER-OUT BRKT(81)86631-267 CLEVIS PIN IBM W/OFF/78 PIVOT.PAPER REL (NOB(81)86631-136		1.0000	EACH	
3	IN	461-3052	CLEVIS PIN IBM W/OFF/78		1.0000	EACH	
3	IN	451-3302	PIVOT, PAPER REL (NOB(81) B6631-136		1.0000	EACH	
3	IN	461-3309	ECCENTRIC.PLATEN PLATE(81)B6631-140 EC	28037	1.0000	EACH	
3	I٧	650-3134				EACH	
3	IN	650-4080		7923	4.0000	EACH	
3	1 4	550-4160			2.0000	EACH	
3	IN	651-1712			1.0000	EACH	
3	IN	651-1752			2.0000	EACH	
3	IN	652-0029		7923	1.0000	EACH	
3	IN	653-4000	WASH 8 .174ID .3750D .016 FL SS		2.0000	EACH	
2	IN IN	279-5124			1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		.0270		
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		.1360		
3	IN	279-5125	I CHICH I CHIC PACE ICID GOST-52		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0060		
4	IN	000-0024	LABOR PREP AREM		.0280		
4	IN	452-0068			1.0000		
4	IN IN	458-0517	THE TOTAL OF THE				
4	IN	461-3303			1.0000		
		461-3304	PIVOT PLATEN LATCH(81) B6631-160		1.0000	EACH	
3	IN	279-5126	PAPER FEED MTR ASSY 6631-26 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS PAPER FEED MTR & PLUG ASM 86631-48 EC		1.0000	EACH	
4	Į N	000-0011	LABOR QUALITY CONTROL		-0160		
4	IN	000-0021	LABOR PERIPHERAL SYSTEMS		.0790		
4	ľN	279-5145	PAPER FEED MTR'& PLUG ASM B6631-48 EC	C7923	1.0000	EACH	
5	IN	000-0004	SUB-SYSTEMS LABOR QUALITY CONTROL STEPPE MATERIAL DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DEMONSTRATION DE		•1160	EACH	
5	IN	000-0011	LABOR QUALITY CONTROL		.0230		
5	IN	400-0037	STEPPER HOTOR P-M(81)C6631-114 30-26 GA CRIMP SNAP CONT AMP85967-6		1.0000		
5	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6		4.0000	EACH	
5	I۷	654-0103	.025 KEYING PLUG AMP 8707-2		1.0000		
5	IN	654-0107	.025 KEYING PLUG AMP 8707-2 CONN HSG 6 .100 1ROW		1.0000		
4	IN	461-2023	GEAR.IDLER(81)C6631-141 STUD.IDLER GEAR(81)B6631-135 ECCENTRIC.IDLER GEAR(81)B6631-161 NUT.IDLER GEAR(81)B6631-252 10-32 LOCK NUT (EPS #511-101800-50		1.0000	EACH	
4	IN	461-3306	STUD+ IDLER GEAR(81)86631-135				
4	IN	461-3310	ECCENTRIC DLER GEAR(81)B6631-161		1.0000		
4	IN	478-0337	NUI + I DLER GEAR (B1) 86631-252		1.0000		
4	IN	652-6002	10-32 LUCK NUT (EPS #511-101800-50		1.0000	EACH	
3	IN	451-4481	BRKT•PLATEN FACT ADJ(LH)81)C6631156 GUIDE•PLATEN PLATE(81)B6631-138		1.0000		
5	1 7	452-4043			1.0000		
3	IN	458-0295		6821	1.0000		
3	IN	458-0383	LATCH+PLATEN(LH)(81)C6631-164		1.0000	EACH	

LEGEND 1: P=PHANTOM: 2: ITEM MASTER DELY CODE: 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
3	IN	461-3309	ECCENTRIC.PLATEN PLATE(81)86631-140	EC8037	1.0000	ENCH	
3	IN	650-3134	SCR 6-32 3/8 SOC CAP HD MS SS		1.0000		
3	IN	650-4080	E-32 X 1/4 PAN HD PHL MS SS SEMS		2.0000		
3	IN	650-4160	8-32 X 1/2 PAN HD PHL MS SS SEMS		5.0000	EACH	
3	IN	651-1712	RTNR RING .188 SFT DIA EXT TYPE E		1.0000		
3	IN	651-1752	RINR RING .062 SFT DIA EXT TYPE E		2.0000		
3	IN	553-4000	E-32 X 1/4 PAN HD PHL MS SS SEMS 8-32 X 1/2 PAN HD PHL MS SS SEMS RTNR RING •188 SFT DIA EXT TYPE E RTNR RING •062 SFT DIA EXT TYPE E UASH 8 •174ID •3750D •016 FL SS		5.0000	EACH	
2	IN IN	279-5127	CARRIAGE ASSY 6631-27 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS DISC OR MYR CA ASM C6482-245 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 26 GA RHACK WIRE 26 GA WHITE  WIRE 26 GA WHITE 30-26 GA CRIMP SNAP CONT AMP85967-6		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		-8810		
J	Τu	000-0021	LABOR PERIPHERAL SYSTEMS		4.4060		
3	IN	220-1179	DISC DR MTR CA ASH C6482-245	EC7923	1.0000	EACH	
4	IN '	000-0004	SUB-SYSTEMS		.0980	EACH	
•	IN	000-0011	LABOR QUALITY CONTROL		.0200		
4_	PFS	600-3000	WIRE 26 GA BLACK		-5800		
5	FS	600-3009	WIRE 26 GA WHITE		1.0000	FEET	
4	FS	600-3009	WIRE 26 GA WHITE		-5800	FEET	
4	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6		2.0000	EACH	
4	IN	654-0103	.025 KEYING PLUS AMP 8707-2		1.0000	EACH	
4	IN	<b>554-0105</b>	CONN HSG 3 .100 1ROW		1.0000	EACH	
4	FS	654-0136-R	WIRE 26 GA WHITE 30-26 GA CRIMP SNAP CONT AMP85967-6 .025 KEYING PLUS AMP 8707-2 CONN HSG 3 .100 IROW SEE 654-0137-R		4.0000	EACH	
3	IN	279-5128	CARRIAGE BRKT PREP 6631-28 LABOR GUALITY CONTROL LABOR PREP AREA		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0120		
4	IN	000-0024	LABOR PREP AREA		•0580	EACH	
4	IN	451-4576	STUD.PULLEY MOUNTING(81)86531-134	EC7755	1.0000	EACH	
4	IN	461-3291	STUD.PULLEY MOUNTING(81)B6631-134			EACH	
•	IN	465-0731	BUSHING.DISC 4TR BRKT(81)86631-148		2.0000	EACH	
•	IN	551-1646	PIN.DISC MOTOR LATCH(81)86631-153		1.0000	EACH	
3	IN	279-5129	PRINT YOKE & BEARING ASSY 6631-29 LABOR QUALITY CONTROL	•	1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0040		
4	IN	000-0024	LABOR PREP AREA		-0190	EACH	
4	IN	450-0107	YOKE PRINT SOLENOID (MACH) C6631-291	EC6753	1.0000	EACH	
<b>A</b>	IN	465-0254	BEARING, SOL ARM PIVOT (81)86631-175	EC9321	2-0000	EACH	
3	IN		CARRIAGE PULLEY ASSY 86631-31 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS BALL REARING, KUBARNSR4HH ABEC-3 PULLEY, CARRIAGE (81) C6631-132  DISK DRIVE MTR ASSY 6631-35 LABOR QUALITY CONTROL		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0040		
4	IN	000-0021	LABOR PERIPHERAL SYSTEMS		•0190		
4	IN	465-0009	BALL REARING KUBAR#SR4HH ABEC-3		1.0000		
4	IN	478-0339	PULLEY.CARRIAGE(B1)C6631-132		1.0000	EACH	
3	IN	279-5135	DISK DRIVE MTR ASSY 6631-35 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS HUB & TAB ASSY 81		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		-0600		
4	IN	000-3021	LABOR PERIPHERAL SYSTEMS		.3000		
4	IN	279-5202	HUB & TAB ASSY B1	EC9774		EACH	
5	IN	458-0590	TAB.PRINTWHEEL TYPE B 81W B6631-707		1.0000	EACH	
5	IN	465-1115	HU3.PRINTWHEEL TYPE 3 81W 96531-708		1.0000	E1CH	
4	IN	400-0036	MOTOR, PRINT WHEEL (81) C6631-263		1.0000	EACH	
4	IN	551-1501	PIN ROLL .062 DIA .437 LG SS	EC7547			
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MROOBO-A MULTI-LEVEL BILL OF MATERIAL AS OF

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ASSEMBLY PART NUMBER 187-9237-W - -ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LESEND 1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF (IT(PROD STR)

POSITION IN STRUCTURE	LFGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/4	IHL
3	IN	279-5146	HAMMER SOLENDID & PLUG ASM 86631-46	EC7923	1.0000	EACH	
4	IN	000-0004	SUB-SYSTEMS		•1270	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0250		
4	IN	320-0055	COIL. PRINT SOLENOID 86631-309		1.0000	EACH	
4	FS	554-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6		2.0000	EACH	
4	IN	654-0105	CONN HSG 3 .100 1ROW		1.0000	EACH	
3	IN	380-0107	SENSOR & EMITTE ASM BIW/WWP 6631-49	EC8675	1.0000	EACH	
4	IN	380-0105	LED SENSOR ASY (81)		.0000	EACH	
4	IN	380-0106	LED EMITTER ASM (81)		•0000	EACH	
3	IN	449-0168	RETAINER , FELT (81) C6631-150 COVER , DISC ENCODER (81) D6631-297		4.0000	EACH	
3	IN	449-0173	COVER, DISC ENCODER(81)D6631-297	EC8037	1.0000	EACH	
3	IN	450-0111	MOUNT DISC MTR CASTING(82) E6631-490	EC8675	1.0000	EACH	
3	IN	451-4484	BRKT.HAMMER HOUSING MTG(81)86631195 BRKT.CARD GUIDE MTG(81)06631-203 BRKT.ENCODER ADJUST(81)C6631-299		1.0000	EACH	
3	IN	451-4495	BRKT.CARD GUIDE MTG(81)D6631-203		1.0000	EACH	
3	IN	451-4496	BRKT.ENCODER ADJUST(81)C6631-299		1.0000	EACH	
3	IN	451-4640	BRKT.BEARING MOUNT (LOWER)C6631-393			EACH	
3	IN	451-4644	BRKT CARRIAGE BEARING MTG C6531-394				
3	IN	451-4681	BRKT. CL INDICATOR 81W C6631-412	EC8675	1.0000	EACH	
3	IN	452-0076	PLATE . ENCODER HSG MOUNT (81) C6631296		1.0000		
3 3	F\$	452-2157			1.0000		
	IN	452-2605	CLAMP ENCODER WIRES 81W 36631-716		2.0000		
3 3	IN	452-4044	GUIDE - CARD(81)D6631-197		1.0000		
	IN	458-0373	ARH, PRINT SOLENOID(81)(MLD)06631178		1.0000		
3 3	IN	458-0376	CAP.PRINTWHL ENCOR HUB(81)96631-228		1.0000	EACH	
3	IN IN	458-0398 458-0399	HAMMER, PRINT(81) 86631-213		1.0000	-	
3	IN	458-0399 458-0521	ACTUATOR CARR PHOTO CELL81 86631131	F00077	1.0000		
3	IN	458-0571	HANGER.SPRING C6631-392 LATCH.DISC MOTOR(81W) C6631-439				
3	IN	458-0586	LAMINATION STACK BIW/WWP B6631-43	EC9181	1.0000		
3	IN	458-0587			1.0000		
3	IN	458-0588	STOP.DAISY WHEEL BIW 36631-447 WASHER.FAN ISOLATION BIW 36631-704		1.0000		
3	IN	461-1039	FUCDD DISC DRINTUMENT (DESCRIPTION	CC7326	1.0000		
3	IN	461-3276	EVCDR DISC.PRINTWHEEL(96)C5631-110 HOUSING.ENCODER(81)D6631-184 HOUSING.PRINT HMR(81)(MOLD)C6631189		1.0000 1.0000		
3	IN	461-3283	HOUSING PRINT HWR(91)(MOID)C4431199		1.0000	EACH	
3	ĪN	461-3289	HOUSING CARR BEARNG(81) MLD C6631171	FCR037		EACH	
4	FS	465-0257	BEARING. SLEEVE .502 86631-335 (81)				
3	IN	461-3290	ARMATURE INSERT(81)86631-176		1.0000	EACH	
3	IN	461-3293	SHAFT DISC MOTOR PIVOT(81)86631-149		1.0000		
3	IN	461-3296	ECC+SOL ARM STOP(81)86631-196		1.0000	EACH	
3	IN	461-3297	ECC.DISC MTR LATCH PIVOT 86631-185		1.0000	EACH	
3	IN	461-3298	SCREW-ENCODER ADJUST(81)86531-253		1.0000	EACH	
3	ĪN	461-3323	SCREW.BEARING HSG MT(81)86631-292		2.0000	EACH	
3	FS	462-0284	STDF 6-32 .375LG CL TRU TRD AL		5.0000		
3	IN	462-0296	SPACER DAISY MOTOR(81) 86631-376	EC9039	2.0000		
3	IN	462-0328	SPACER DISC MOTOR BIW 86631-376	EC9039	1.0000	EACH	
3	IN	465-0015		EC9096	2.0000	EACH	
3	FS	465-0257			2.0000	EACH	
3	IN	465-0732	BUSHING CARR CASTING(81)86531-212	EC8132	2.0000	EACH	

ASSEMBLY PART NUMBER 187-9237-V - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND
1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

		COMPONENT			E C N	QUANTITY	U/M	IML
SINJUIUNE	1 2 3	PART NUMBE	L K			PER ASSY		
3	T 84	A/ E - 0000		70 07 F407 F00H3 000H5 05000 (14 04	500077			
-	IN In	465-1043-	-	TD 23 FAST FORW) SPRNG 85900-614 P4 HUB.PRINTWHFEL ENCODER(81)96631-225 EXT SPRING.CAM FOLLOW(81)86631-290 EXT SPRG.ARM RETURN 86631-330	FCBD31	1.0000	EACH	
3 3	I N I N	465-1063	-	EAT COLLING COM CONTRACTOR COLL	500/75	1.0000	EACH	
3	IN	465-1655 465-1660	_	CAL SPRING COAR DETHON DECEMBED 1-270	£(88/2	1.0000	EACH	
3 3		165-1664		COPTAIR COND. HAWKED / DI NOCCES - 200		1 0000	F 4 6 H	
3	IN IN IN IN IN	465-1687		SPRING -187 DD -625LG -022DIA EXT ROLLER-CARRIAGE 86631-86 MOUNT BEARING 86631-397	FC0324	1.0000	EACH	
3	TN	478-0386	_	DOLLED-CARDIAGE DOCTO-OC	509321	1.0000	EACH	
3	TN	A70-0300	_	MOUNT DEADING DECIT TOO	EC0037	1.0000	CACH	
1	TN	A70-0300	_	CTIO DEATING DOCT MTG DCCT1-10C	EC8037	1.0000	EACH	
3 3	IN	A79-0300	_	DIN DEADING MIC DECIT TOE	EC0037	1.0000	CACH	
	IN	450-0002-	_	CCD U"UUAAYA DU MU CIULLU	EC7031	1.0000	EACH	
3 3 3	IN	650-0002	_	SCREU-1-(A V R/1/ CLT DAN AD CC	EC7723	2.0000	CACH	
3	IN	650-3121	_	SCOR 4-12 I/O DUTI FLAT H MC CC	EC1723	* 0000	CACH	
3	IN	650-3165	_	C-RO Y 1/0 ALLEN UN CAD ME NVI OV	CC9001	3 0000	EACH	
3	IN	651-0031	_	A/20V1/A CLOTTED DAN MD CTEEL DIACT	EC6517	1 0000	CACH	
3 3	IN	651-1650	_	DIN COUNTY SECTION FOR THE STREET CT	EC6517	1.0000	EACH	
3	IN	651-1702	_	PIND DING -186 CET DIA EVI TVOC C	CCBSII	1 0000	EACH	
3	IN	651-1719	_	RYNR RING _250 SET DIA EXT TYPE C	567923	1.0000	EACH	
ì	ĪN	651-1727	_	RING BING -250 SFI DIR EXT COFCCEN	EC0037	1 0000	EACH	
3 3	IN	651-1753	-	RING RING 125 SET DIA FYT TYDE F	EC6031	1.0000	FACH	
3	IN	652-0025	_	TO HOUT IN DEAL CEAL DAME TIME	200735	2.0000	EACH	
3	IN	652-3005	-	6-32 IK NIIT FONA 22 NTM-62	FC4517	3-0000	EACH	
3 3	IN	553-2000	-	NO. A FLAT WASHER	200311	2-0000	FACH	
3	IN	655-0014	-	ROLLER CARRIAGE B6631-86  MOUNT BEARING B6631-397  STJD BEARING MTG B6631-395  SCR 0-80X1/4 RD HD SLOTTED  SCREW-1-64 X 3/16 SLT PAN HD SS  SCR 6-32 3/8 PHIL FLAT H MS SS  6-32 X 1/2 ALLEN HD CAP MS NYLOK  4/20X1/4 SLOTTED PAN HD STEEL PLAST  PIN GROOVE -125 DIA -375 LG ST  RTNR RING -156 SFT DIA EXT TYPE E  RTNR RING -250 SFT DIA EXT TYPE E  RTNR RING -250 SFT DIA EXT TYPE E  RTNR RING -125 SFT DIA EXT TYPE E  NUT 4-40 -032 -039 CLINCH ST  6-32 LK NUT ESNA 22 NTN-62  NO. 4 FLAT WASHER  CAPLUG RH-06(SCR HD SNAP ON COVER)  BUMPER-DAISY WHEEL 81W C6531-717  "O" RING 3/16 ID 5/16 OD -070W	FC6517	2-0000	EACH	
3	IN	655-0257	-	BUMPER DATCY WHEEL RIM CACET -717	FC9801	1.0000	FACH	
3	ĪN			"O" RING 3/16 ID 5/16 OD -070H	FC7923	2-0000	FACH	
3	IN	656-0106		WIPER RING-CARR SHAFT(A1)B6631-133	201723	4.0000	FACH	
3	FS	660-0086		**************************************		-1000		
3	IN	660-0521		732 BRAKE SHOE (PAD) 96403-217	EC8132	1.0000		
				701 0 1112 01102 11 407 10 100 227	CCSIGE	10000		
?	FS +	279-5139	_	CARTRIDGE ASSY. MULTI-STRIKE 6631-39 LABOR QUALITY CONTROL LABOR PREP AREA CARTRIDGE TOP. RIBBON(81)E6631-192 CARTRIDGE BOTTOM. RIBBON E6631-193 INSERT. FEED SPOOL(81)R6631-200 SPOOL. TAKE-UP (WHITE) B6631-201 BUSHING. TAKE UP 81W B6631-906 SPRING. TAKE UP 81W B6631-235 RIBBON. MULTI-STRIKE (81) C6631-37		1.0000	FACH	
3	IN	000-0011	-	LABOR QUALITY CONTROL		-0200	C 4 5	
3	IN	000-0024	-	LABOR PREP AREA		.1000	FACH	
3	ĪN	449-0160	-	CARTRIDGE TOP-RIBBON(81)F6531-192		1.0000	FACH	
3	IN	449-0161	-	CARTRIDGE BOTTOM-RIBBON E6631-193		1.0000	EACH	
3	IN	449-0162	_	INSERT.FEED SPOOL (81)86631-200		1.0000	EACH	
3	IN	449-0163-9 -	-	SPOOL TAKE-UP (WHITE) 86631-201		1.0000	EACH	
3	IN	465-0742	-	BUSHING TAKE UP RIN B6631-906	FC9181	1.0000	FACH	
3	IN	465-1651	-	SPRING.RIBBON TENSION(81)86631-235		1.0000	EACH	
3	IN	660-0030	-	RIBBON.MULTI-STRIKE (81) C6631-37	EC6989	1.0000	EACH	
3	IN			PAD.CARTRIDGE B5631-324		6.0000		
3	IN	660-0627	-	PAD "B" CARTRIDGE B6631-907	EC9181	1.0000		
2 3 4 4	1 N	279-5150	-	81W RIBBON PLATFORM ASM 6631-59	EC8132	1.0000	EACH	
3	IN	220-1178	-	E.O.R.& RIBBON SEL CA ASM C6482-244	<b>-</b>	1.0000	EACH	
4	IN	000-0004	-	SJ9-SYSTEMS		.3780	EACH	
4	IN	000-0011	-	LABOR QUALITY CONTROL		•0760	•	
4	P FS	500-3000	-	WIRE 26 GA PLACK		1.3300	FEET	
5	FS	600-3009	-	WIRE 26 GA WHITE		1.0000	FEET	
				81W RIBBON PLATFORM ASM 6631-59 E.O.R.& RIBBON SEL CA ASM C6482-244 SJ9-SYSTEMS LABOR QUALITY CONTROL WIRE 26 GA PLACK WIRE 26 GA WHITE WIRE 26 GA RED WIRE 26 GA WHITE				
4	P FS FS	600-3002	-	WIRE 26 GA RED		-4000	FEET	
5	FS	500-3009	-	WIRE 26 GA WHITE		1.0000	FEET	

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MRODRO-A MULTI-LEVEL BILL OF MATERIAL AS OF

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ASSEMBLY PART NUMBER 187-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND
1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT DF KIT(PROD STR)

POSITION IN STRUCTURE			DESCRIPTION E C	N QUANTITY PER ASSY	U/M IML
4	FS	600-3009	WIRE 26 GA WHITE	.4000	FFET
4	P FS	600-3090	WIRE 26 GA WHITE WIRE 26 GA WH/BLK W/OFF-76	.8000	
5	FS	600-3009	WIRE 26 GA WHITE	1.0000	
4	FS IN IN	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6	5.0000	EACH
4	IN	654-0103	.025 KEYING PLUG AMP 8707-2	1.0000	EACH
4	IN	654-0107	30-26 GA CRIMP SNAP CONT AMP85967-6 •025 KEYING PLUG AMP 8707-2 CONN HSG 6 •100 IROW	1.0000	EACH
3	IR IN IN IN	279-5132	PLATFORM PREP 6531-32 LABOR QUALITY CONTROL LABOR PREP AREA STOP•RIBBON LIFT SOL(81)86631-285 PLATFORM-CARTRIDGE(81)86631-281 PIVOT•CART SENSOR BRKY(81)86631-294 RIVET•POP 3/32X1/4 STL SD34H RIVET•S/TUB 1/16X5/16 DH-STL R3700 EC682 STUD 4-40 .250 CL FLUSH HEAD SS EC792 NUT 6-32 .056 UP CLINCH LKG ST	1.0000	EACH
4	IN	000-0011	LABOR QUALITY CONTROL	-0110	
4	IN	000-0024	LABOR PREP AREA	.0530	EACH
•	IN	458-03R7	STOP.RIBBON LIFT SOL(81)86631-285	1.0000	EACH
•	IN	458-0394	PLATFORM.CARTRIDGE(81)56631-281	1.0000	EACH
•	IN	461-3326	PIVOT.CART SENSOR BRKT(81)86631-294	1.0000	EACH
•	IN	651-0462	RIVET.POP 3/32X1/4 STL SD34H EC813	2 2.0000	EACH
4	IN	551-0463	RIVET +S/TUB 1/16X5/16 DH-STL R3700 EC682	1 2.0000	EACH
•	IN	651-1032	STUD 4-40 .250 CL FLUSH HEAD SS EC792	3 2.0000	EACH
4	IN	652-0070	NUT 6-32 .056 UP CLINCH LKG ST	1.0000	EACH
3	IN IN IN	279-5133	DRIVER PLATE PREP 6631-33 Labor Quality Control Labor Prep area	1.0000	<b>LACH</b>
•	IN	000-0011	LABOR QUALITY CONTROL	.0040	
4	IN	000-0024	LABOR PREP AREA	.0190	EACH
•	IN	422-0121	PLATE DRIVER WELD CAST - ARD FORT	1 1.0000	
4	IN	461-3294	SHAFT .SPIKE DRIVER(81)B6631-215	1.0000	
4	IN	461-3312	SHAFT.SPIKE DRIVER(81)86631-215 STUD.IDLER GEAR DRIVE(81)86631-266	1.0000	
3	IN	279-5134	SPIKE DRIVER ASSY 6631-34 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS SPIKE, RIBBON DRIVER(81)C6631-218	1.0000	EACH
4	IN	000-0011	LABOR QUALITY CONTROL	.0150	
4	IN	000-0021	LABOR PERIPHERAL SYSTEMS	.0730	
4	FS	459-0374	SPIKE RIBBON DRIVER (81) C6631-218	2.0000	EACH
4	IN	405-0331	544CE4.54IKE DRIVER BIN	6 3_000n	EACH
4	IN	465-1064	HUB + DRIVER (81) C6631-217 EC775	5 1.0000	EACH
3	IN IN IN IN FS	279-5147		1.0000	EACH
•	IN	000-0004	SUB-SYSTEMS	.3790	EACH
4	IN	000-0011	LABOR QUALITY CONTROL	0760	
•	IN	400-0038	STEPPER MOTOR(81) RIBBON C6631-248	1.0000	EACH
		654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6	4.0000	EACH
4	IN	554-0103	-025 KEYING PLUG AMP 8707-2	2.0000 1.0000	EACH
4	IN	654-0107	SUB-SYSTEMS LABOR QUALITY CONTROL STEPPER MOTOR(81) RIBBON C6631-248 30-26 GA CRIMP SNAP CONT AMP85967-6 .025 KEYING PLUG AMP 8707-2 CONN HSG 6 .100 1ROW	1.0000	EACH
3	IN In	325-2309		1.0000	EACH
		375-2108-4	PHOTO SWITCH, END OF RIB 86531-316	1.0000	EACH
4	IN	375-2108	PHOTO SWITCH, END OF RIBBON	1.0000	EACH
3	IN	449-0165	GUIDE DRIVER PLATE(81)B6631-226 BUSHING, MOTOR(81) (MOLDED)B6631-257 CLIP CARTRIDGE(81)D6631-221 BRKT END OF RIBBON C5631-321 INDICATOR RIBBON(81)B6631-295	1.0000	EACH
3	IN	449-0157	BUSHING, MOTOR(81) (MOLDED) B6631-257	1.0000	EACH
3	IN	449-0172	CLIP CARTRIDGE (81) D6631-221	2.0000	EACH
3	I٧	451-4499	BRKT.END OF RIB3ON C5631-321	1.0000	EACH
3	IN .	459-0397	INDICATOR •RIBBON(81)86631-295	2.0000	EACH
3	ΙV	458-0569	LATCH+LOCK (R1W) C6631-437 EC918	1 1.0000	EACH

1: P=PHANTOM: 2: ITEM MASTER DELY CODE: 3: \*=TAGGED\_OUT\_OF\_KILLEROD\_SIRE

POSITION IN STRJCTURE	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION  702 NUT PL MARGIN SWITCH 5776-487 IDLER GEAR, DRIVER PLATE (81)86631229 SHAFT, LEFT CARTG CLIP (81)86631-233 SHAFT, RIGHT CARTG CLIP (81)86631-234 HINGE, CARTRIDGE CLIP (81)86631-227 HINGE, CARTRIDGE (LIP) 818 W C6631-434 SPRING, RIBBON MOTOR (81)86631-258 SPRG, CART INDICATOR 86631-317 SPRG, CART RETURN 86631-318 SPRG, CARTRIDGE CLIP 86631-318 SPRG, CARTRIDGE CLIP 86631-319 SPRG, CARTRIDGE CLIP 86631-320 NUT, CART POSITION 86631-320 NUT, CART POSITION 86631-328 CAP-8BLACK (62) HEAD ADJ ARM 86636-218 SCREW, 81-64 X 1/4 FLT HD SLOTTED SS. 2-56 X 1/4 PAN HD PHL MS SS SEMS 2-56 X 7/16 PAN HD PHL MS SS SEMS SCREW, 81-64 X 1/4 FLT HD SLOTTED SS. 2-56 X 7/16 PAN HD PHL MS SS MAG. SEMS RTNR RING .094 SFT DIA EXT TYPE E 5133-12PP SNAP RING RTNR RING .156 SFT DIA EXT RTNR RING .156 SFT DIA	E C N	QUANTITY PER ASSY	U/M	INL
3	TN	461-0063	702 NUT PL MARGIN SWITCH 5776-487		1.0000	EACH	
3	TN	A61-2024	TOLER SEAR-ORIVER PLATE (81)86631229		1-0000	FACH	
3	TN	461-3313	SHAFT-LEFT CARTE CLIP(R1)R6631-233		1.0000	FACH	
3	TN	461-3314	SHAFT-RIGHT CARTS CLIP(R1)R6631-2		1.0000	FACH	The same of the sa
3	ŤN	461-3316	SHAFT-RELFASE ARM(R1)R6631-234		1-0000	FACH	
3	TN	465-0823	HINGE-CARTRIDGE CLIP(RNR1)C6631-227		1.0000	EACH	The second designation of the second
3	IN	465-0842	HINGE CARTRIDGE (LH) BIN C6631-434	EC9774	1.0000	EACH	
3	TN	465-1652	SPRING-RIBBON MOTOR(81)86631-258		1.0000	EACH	
3	IN	465-1656	SPRG. CART INDICATOR 86631-317		1.0000	EACH.	
3	IN	465-1657	SPRG. CART RETURN 86531-318		1.0000	EACH	
3	1 N	465-1658	SPRG. CARTRIDGE CLIP B6631-319		2.0000	EACH.	
3	TN	465-1659	SPRG. DRIVER RELEASE B6631-320		1.0000	EACH	
3	IN	478-0343	NUT-CART POSITION 86631-328		1.0000	EACH	
3	IN	550-0067	CAP-BLACK(62)HEAD ADJ ARM 86636-218		1.0000	EACH	
3	IN	650-0003	SCREW-#1-64 X 1/4 FLT HD SLOTTED SS		1.0000	EACH	
3	TN	650-0083	2-56 X 1/4 PAN HD PHIL MS SS SEMS		4-0000	FACH	
3	IN	650-0140	2-56 X 7/16 PAN HD PHL MS ZINC SENS		2.0000	FACH	
3	TN	650-2044	SCR 4-40 1/8 SOC CAP HD MS SS		2-0000	EACH	•
3	TN	650-2087	4-40X1/4 PAN HD PHL MS SS MAG. SENS		2,0000	EACH	
3	TM	651-1700	RING RING -094 SET DIA EXT TYPE E		7.0000	EACH	
3	TN	651-1701	5133-12PP SNAP RING		2-0000	EACH	
3	TN	651-1755	RING A156 SET DIA EXT		1.0000	EACH	
3	TN	651-1756	RING RING 1-062 SET DIA FXY		2.0000	EACH	
3	TN	652-0990	NUT 2-56UNC HEX REG PAY SS		1.0000	FACH	
3	TN	652-2000	NUT 4-40UNC HEX REG PAT SS		1.0000	EACH	
3	TN	653-0128	SHIM WSHR 3/32" X 1/4" X-005 THK SS	EC9296	3,0200	EACH	
3	TN	653-0990	NO. 2 INT T LK WASHER		4-0000	EACH	
3	TN	653-2001	NO. 4 FLAT WSHR 1/8ID 1/400		2.0000	EACH	
3	ĪN	653-2002	WASH 4 .1231D .2650D INT T 3T		1.0000	EACH	
3	IN	554-1295	CABLE CLAMP RICHCO HUC-2 ADV BACK	EC9774	4.0000	EACH	
2	TN	279-5151	SD FRAME(LH) & BEARING ASM 6631-61 LABOR BUALITY CONTROL LABOR PERIPHERAL SYSTEMS LABOR PREP AREA SIDE FRAME(LH)(81)D6631-168 BEARING -252 ID -250 LG 1 FLG BRZ	FC8132		FACH	
3	7 N	000-0011	I AROR DUALTTY CONTROL	COLOR	20000	LACI	
3	1 N	000-0011	LABOR DEPIDUEDAL CVCTEMS		-0100		
3	TN	000-0021-	LADOR PERP APPA		-0200	FACH	
3	TM	451-3858	SIDE FRAME(IM)(R1)D4631=168		1-0000	FACH	
3	IN	465-0232	BEARING .252 ID .250 LG 1 FLG BRZ		1.0000	EACH	
2	7.4	079-5150	. OR EDAMFIDUS & DEADYNO ACM //34-/A	EC0182	1.0000	FACU	
2	1 14	677-0102	Udeledd new control watering was pealedd	FC8135	10000	LAUM	
3	1 N	000-0011	LABOR GUALITY CUNTRUL		0070	FACU	
3	IN	000-0024 ·	SD FRAME(RH) & BEARING ASM 6631-60 LABOR QUALITY CONTROL LABOR PREP AREA SIDE FRAME(RH)(81)D6631-168 BEARING .252 ID .250 LG 1 FLG BRZ		1 0000	EACH	
3	1 N	451-3859	SIDE EKNUFIKULISTINDO 31-100		1.0000	EACH	
3	IN	465-0232	BEAKING *525 ID *520 FR I LEG RK5		1.0000	LAUH	
2	IN	279-5156	ROLLER ASSY 5631-58	EC8298	3.0000	EACH	
3	IN	465-1057	HUB.PAPER BAIL ROLLER (81)86631-207		2.0000	EACH	
3	IN	465-1071	ROLLER, PAPER BAIL B6631-220		1.0000	EACH	
3	IN	656-0100	ROLLER ASSY 5631-58 HU3.PAPER BAIL ROLLER(81)86631-207 ROLLER,PAPER BAIL 86631-220 RING,BAIL ROLLER(81)86631-219		1.0000	EACH	
3	IN	325-2460-	SWITCH.PAPER OUT(MODIFIED)5631-329 SWITCH.PAPER OUT (B6631-329)		1.0000	EACH	
J	7 14	363-6400	SHEIGHTAPER OUT 100031-3271		10000	LAUN	

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ASSEMBLY PART NUMBER 187-9237-W - - ASSEMBLY DESCRIPTION 114 PRINTER WANG 5541

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN Structure	LEGEND 1 2 3	COMPONENT Part NJMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
2	IN	375-2107	OPB1249-1 SLOTTED OPTICAL SWITCH	EC7135	2.0000	EACH	
2	IN	400-1003	FAN MUFFIN M747 HARK IV	EC9181	1.0000	EACH	
2	IN	449-0169	RETAINER, NUT(81) (MOLDED) C6631-262	207101	10.0000	EACH	
2	IN	449-0171	KNOB. COPY CONTROL (81) 06631-147		1.0000	EACH	
2	IN	449-0173	COVER DISC ENCODER (81) D6631-297		1.0000	EACH	
2	IN	451-1228	TRAY.FRONT BASE(81)E6631-165		1.0000	EACH	
2	IN	451-21R3	COVER . KEYBOARD(BIW/WWP) C6631-SK014	FC9526	1.0000	EACH	
2	ĪN	451-4478	BRKT. IDLER PULLEY (RH) (81) C6631-130		1.0000	EACH	
2	IN	451-4480	BRKT CARRIAGE CELL MTG(81)86631-121		2.0000	EACH	
2	IN	451-4492	BRKT . PAPER-OUT SW(81/2) C6631-268	EC9181	1.0000	EACH	
2	IN	451-4699	BRKT.CHASSIS 4T3(RH) C6631-SK086		1.0000	EACH	
?	IN	451-4700	BRKT.CHASSIS MTG(LH) C6631-SK086		1.0000	EACH	
2	IN	451-4724	BRACKET, SWITCH BIW/WWP C6631-904		1.0000	EACH	
2	IN	452-2574	CLAMP.FLEX CABLE(81)86631-284		1.0000	EACH	
2	IN	452-2595	CLAMP . FLEX CABLE 86631-400	EC9774	1.0000	EACH	
2	IN	452-2602	CLAMP+PC BD HOLD DOWN 81W C6631-497		1.0000	EACH	
2	IN	458-0379	ARM . PAPER BAIL (LH) (81) D6631-145		1.0000	EACH	
2	IN	458-0380	ARM . PAPER BAIL (RH) (81) D6631-145		1.0000	EACH	
2	IN	458-0400	DEFLECTOR .PAPER(81)D6631-180		1.0000	EACH .	
2	IN	458-0570	LATCH (81W) C6631-438	EC9181	1.0000	EACH	
2	IN	458-0582	SPCR SHOCK MT BIW/WWP B6631-SK114		1.0000	EACH	
2	IN	458-0603	81W/81WWP STRAP GROUND 36631-903		4.0000	EACH	
2	IN	461-0103	NUT PLATE . PAPER SW(62)86636-222	EC8675	1.0000	EACH	
2	IN	461-3292			1.0000	EACH	
2	IN	461-3295	STUD, IDLER PULLEY (ADJ) (81)36631-125 SHAFT, CARRIAGE GUIDE (81)86631-254 SHAFT, COPY CONTROL (81)86631-137 ROD, PAPER BAIL (81)86631-157		2.0000	EACH	
2	IN	461-3299	SHAFT.COPY CONTROL(81)86631-137		1.0000	EACH	
2	IN	461-3301	ROD . PAPER BAIL (81)86631-157		1.0000	EACH	
2	IN	461-3309	ECCENTRIC .PLATEN PLATE(81)96531-140	FC9774	2.0000	EACH	
2	IN	461-3311	ECCENTRIC.COPY CONTROL(81)36631-162		2.0000	EACH	
2	IN	462-0015	SPCR -140 ID -250 OD -250 L RD B	EC6837	1.0000	EACH	
2	IN	462-0246	SPACER WASHER B6497-392	EC9774	3.0000	EACH	
2	IN	462-0297	SPACER 140 IDX . 25 ODX . 375LG RD BRS		2.0000	EACH	
2	IN	462-0321	SPACER CIRCUIT BD 5/8"	EC9181	4.0000	EACH	
2	IN	465-0938	SPRING.TORSION 95776-249	EC9774	2.0000	EACH	
2	IN	465-1645	EXTENSION SPRING.LATCH(81)36631-237		5.0000	EACH	
2	IN	465-1646	EXT SPRING.PLATEN PLATE (81)86631238		2.0000	EACH	
2	IN	0.05-1649	SPRING.COPY CHTRL DINT(81)36631-208		1.0000	EACH	
?	IN	465-1654	SPRING.CABLE(81)C6631-117		1.0000	EACH	
2	IN	465-1655	EXT SPRING.CA4 FOLLOW(81)86631-290		1.0000	EACH	
2	IN	465-1686	SPRING.LATCH RETURN 36631-433	EC9181	1.0000	EACH	
2	IN	478-0338	NUT . BASE TRAY MTG(81) 86631-236		10.0000	EACH	
2	IN	478-0423	STUD.LATCH(81W) 36631-435	EC9181	1.0000	EACH	
2	IN	478-0426	STOP PAPER BAIL B6631-448		2.0000	EACH	
?	IN	478-0431	STOP SHIPPING 81W/WWP B6631-SK024		4.0000	EACH	
2	IN	478-0432	GUIDE CHAS TUBE BIW/WWP 36631-909		2.0000	EACH	
2	IN	615-0401	FISH PAPER RBN CABLE 36631-417		1.0000	EACH	
2	IN	615-1357	LABEL . WARNING HEAD SHIELD C6611-91		1.0000	EACH	
2	IN	615-1400	LABEL . 10/12 PTCH SCALE BIW D6611-93		1.0000	EACH	
2	IN	650-2083	4-40 X 1/4 PAN HD PHL 45 BK OX		4.0000	EACH	
2	IN	650-2121	SCR 4-40 3/8 PHIL FLAT H MS SS		2.0000	EACH	
2	IN	650-3080	6-32 X 1/4 PAN HD PHL MS SS SEMS		6.0000	EACH	
2	IN	650-3200	SCR 6-32 5/8 PHIL PH MS SS	EC6837	3.0000	EACH	

LEGEND
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POSITION IN	LEGEND	COMPONENT	DESCRIPTION	ECN	QUANTITY	U/4 INL
STRUCTURE	1 2 3	PART NUMBER			PER ASSY	
2	IN	550-3240	SCR 6-32 3/4 PHIL PH MS SS	EC6837	2.0000	EACH
2	IN	650-4080	8-32 X 1/4 PAN HD PHL 4S SS SEMS		6.0000	EACH
2	IN	550-4120	8-32 X 3/8 PAN HD PHL MS SS SEMS		4.0000	EACH
2	ÎN	650-4160	8-32 X 1/2 PAN HD PHL MS SS SEMS		1.0000	EACH
2	IN	650-4401	SCR 8-32 1 1/4 PHIL FLAT H MS SS		1.0000	EACH
2	IN	650-6088	SCR 10-32X1/4 FL HD MS 100DEG MS SS	EC7755	6.0000	EACH
2	IN	650-6119	10-32X3/8 L FLAT HD SC 100 C'SINK		6.0000	EACH
2	IN	650-6165	10-32 X 1/2 CUP PT. ALLEN SET SCREW		10.0000	EACH
2	IN	650-9046	HEX-SOCKET SHOULDER SCREW 1/40X3/8L	EC6517	4.0000	EACH
2	ÎN	552-3000		EC6837	2.0000	EACH
2	IN	653-3000	WASH 6 .1491D .3750D .016 FL SS		5.0000	EACH
2	IN	653-4000	WASH 8 .17410 .37500 .016 FL SS		2.0000	EACH
2	IN	653-6000	WASH 10 .20310 .43800 .032 FL SS	FC6837	2.0000	EACH
<u>د</u>	IN	655-0242	BUMPER CARRIAGE (B1) MINOR # ZB-6003		2.0000	EACH
ć	IN	655-0247	SHOCK MOUNT (B1) GREENE RUBBER555-107	FC8321	4.0000	EACH
2	116	000-067/	SURCE MANUITATION FOR KARATAN	COPSEI	750000	

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ASSEMBLY PART NUMBER 157-9237-MP- ASSEMBLY DESCRIPTION 114 PRINTER HANG JIDE PLATEN

LEGEND

ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: +=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3		DESCRIPTION	ECN	QUANTITY PER ASSY	U/4 I4L
1	IN	210-7360	7360 SERVO CONTROL BOARD		1.0000	EACH
?	IN	000-0001	LABOR SUB-SISTERS		5-5000	ENGI
2	IN	000-0011 ~	LABOR QUALITY CONTROL		1.1000	
2	IN	300-1108	CAP 100 PF 10% 500 V CERAMIC DISC	EC8693	1.0000	EACH
2	IN	300-1330	CAP 330 PF 10% 300 V CERAMIC DISC	EC8693	1.0000	EACH
2	IN	300-1900	CAP -05 UF +80-20% 12 V CERANIC D	EC7857	12.0000	EACH
? ?	IN IN	300-1903	CAP .01 UF +80-20% 25 V CERAMIC D	EC9536	2.0000	EACH
2	IN IN	300-1904	CAP .02 UF +80-20% 25 V CERANIC D	EC3536	1.0000	EACH
2	IN	300-1927 300-1931	CAP . 022 UF 10% 100 V CERATIC MOND		5-0000	EACH
2	IN	300-1933	1 UF CERAMIC CAPACITOR(HIGH FREQ) -0022 UF 200V 10% CERAMIC CAPACITOR	EC9236	36.0000	EACH
5	IN	300-1940	CAP .001UF CERAMIC 6KV		1.0000	EACH
2	IN	300-1941	.033UF 50VDC 10% REC.(81W)	EC9236	1-0000	EACH
2	IN	300-1942	-0015UF 100 VDC 10% REC.(81W)	EC8693	1.0000	EACH
2	IN	300-3010	CAP TO UF SOV -10+75% ELECT ANIAL		1.0000	EACH Each
?	IN	300-4013	CAP 1.2 UF 35 V 10% TANT AXIAL	EC8309	1.0000	EACH
2	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL	EC9236	5-0000	EACH
?	PFS .	330-1010-48	RES 10 DHM 1/4W 10% FIXED COMP	EC8309	9.0000	EACH
3	FS •	330-1010	RES 10 DHM 1/4W 10% FIXED COMP		1.0000	EACH
					20000	
2	IN	330-1022	RES 22 OHM 1/4W 10% FIXED COMP	EC9236	1.0000	EACH
2_		330-2022-48	RES 220 OHM 1/4W 10% FIXED COMP		3-0000	EACH
3	FS •	330-2022	RES 220 DHM 1/4W 10% FIXED COMP		1.0000	EACH
_		•••				
2 3	PFS	330-2047-4B	RES 470 OHY 1/4W 10% FIXED COMP	EC8913	1-0000	EACH
3	FS •	350-2047	RES 470 OHM 1/4W 10% FIXED COMP		1.0000	EACH
2	P FS	330-3010-48	BER IN DUM STAN SON BENED COM			
3		330-3010-48-	RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP	EC8913	2.0000	EACH
•		330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH
2	P FS +	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP	FC8800	22 222	545
3		330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP	EC8588	21-0000 1-000A	EACH
			NEO COLL OIL IN THE TOWN I TALL COMP		1.000.4	EACH
?	PFS .	330-3047-48	RES 4.7K OHM 1/4W 10% FIXED COMP	EC9236	14.0000	EACH
3	FS +	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP	207200	1.0000	EACH
					•	<b></b>
2		330-4010-4B	RES 10K OHM 1/4W 10% FIXED COMP	EC9473	4.0000	EACH
3	FS •	330-4010	RES 10K OHM 1/4W 10% FIXED COMP		1.0000	EACH
2_	PFS	330-4047-4R	RES 47K OHM 1/4W 10% FIXED COMP	EC8588	1.0000	EACH
3	FS *	330-4047	RES 47K OHM 1/4W 10% FIXED COMP		1.0000	EACH
2	D 50 .	*** 5040 45	0.50			
3		330-5010-48	RES 100K OHM 1/4W 10% FIXED COMP	EC8309	2.0000	EACH
3	F5 *	330-5010	RES 100K OHM 1/4W 10% FIXED COMP		1.0000	EACH
2	FS	330-6010	RES 14 OHM 1/4W 10% FTXED COMP	500036		
2	IN	333-3058	PRES 14 0H MAN MHO PE RES MIT CEXIT XE WENT MHO 183 RES	EC9236	1-0000	EACH
2	IN	333-0060	RES 4.02K OHM 1/8W 1% FIXED FILM	EC9473	8.0000	EACH
5	IN	333-0062	RES 249K OHM 1/8W 1% FIXED FILM	EC7857 EC9236	4.0000	EACH
5	İN	333-0064	RES 56.2K OHM 1/8W 1% FIXED FILM	EC8101	1.0000 9.0000	EACH
2	11	333-3071	RES 698K DHY 1/8W 1% FIXED FILM	EC8797	2.0000	EACH Each
2	IN	333-3074	RES 422K DHY 1/8W 1% FIXED FILM	EC9473	8.0000	EACH
				, , , ,	0.0000	C # 5 11

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LEGEND
1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: +=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3	COMPONENT Part Number	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
2	IN	333-0075		EC8693	2.0000	EACH	
2	1 4	333-0079		EC6797	9.0000	EACH	
2	IN	333-0080		EC9473	19-0000	EACH	
2	IN	333-0081	RES 16.2K OHM 1/8W 1% FIXED FILM	EC8309	4.0000	EACH	
2	IN	355-1082	RES 3.16H OH4 1/4W 1% FIXED FILM	ECB101	5-0000	EACH	
2	IN	333-0083	RES 1.58H OHY 1/4W 1% FIXED FILM	EC8693	5-0000	EACH	
5	IN	333-3084	RES 1.05M OHM 1/4W 1% FIXED FILM	EC9236	4.0000	EACH	
2	IN	333-0086	RES 105K DHY 1/8W 1% FIXED FILM	EC8101	24.0000	EACH	
2	IN	333-0087	RES 162% OHY 1/8W 1% FIXED FILM	EC8693	1.0000	EACH	
2	IN	333-0088	RES 5.11K DHY 1/8W 1% FIXED FILM	EC9473	7.0000 7.0000	EACH	
2	IN	333-0089	RES IN OHY 1/8W 1% FIXED FILM RES 10K OHY 1/8W 1% FIXED FILM	EC9473	11.0000	EACH	
2	IN	333-3090	RES 10K OHM 1/3W 1% FIXED FILM RES 2.37K OHM 1/8W 1% FIXED FILM	EC9236	2.0000	EACH	
2	IN	333-0093 333-0095	RES 82.5K OHN 1/8 WATT 1% FIXED FLM		9.0000	EACH	
? 2	I N	333-0096	RES 12.7K OHM 1/B WATT 1% FIXED FLM		5.0000	EACH	
	IN	333-0097	RES 16.9K DHY 1/8 WATT 1% FIXED FLM		5.0000	EACH	
2 2	IN	333-0098	RES 26.7K OHM 1/8 WATT 1% FIXED FLM		2.0000	EACH	
2	1 N	333-0099	RES 210K OHM 1/P WATT 1% FIXED FILM		5.0000	EACH	
2	IN	335-0107	RES 1.5K OHM 1/8 WATT 1%	EC9435	15.0000		
2	IN	333-0108	RES 18.2K DHY 1/8 WATT 1%	EC8693	2.0000	EACH	
2	IN	333-0109	RES 46.4K OHM 1/8 WATT 1%	EC8797	2.0000	EACH	
5	IN	333-0111	RES 2K DHM 1/8 WATT 1%	EC9435	6.0000	EACH	
2	IN	333-0112	RES 10.5K OHM 1/8 WATT 1% FIXED FLM		4.0000	EACH	
2	IN	333-0113	R S 8.06K OHM 1/8 WATT 1% FIXED FLM		4.0000	EACH	
5	IN	333-0114	RES 21K OHM 1/8W 1% METAL FILM	EC9473	1.0000	EACH	
2	IN	333-0116	RES 68.1K OHN 1/8 WATT 1% METAL FLM	EC3693	1.0000	EACH	
2	IN	533-0117	RES 2.21M OHM 1/4 WATT 1% FIXED FLM	EC9332	1.0000	EACH	
?	IN	374-0001	IC REG UA 7805 +5V TO-220	EC8101	1.0000	EACH	
2	IN	375-0017	TSTR 2N3014 3604W 40V SH NPN S 52		1.0000	EACH	
2	IN	376-0062	IC 7400N 4 2 IN POS NAND GATE	EC9236	1.0000	EACH	
?	IN	376-0010	IC 7404N HEX INVERTER	EC9236			
2	IN	376-0053	IC 74193 SYN 4 BIT UP DOWN COUNTER	PATREL	8.0000	EACH	
2	1 9	376-0055	IC 7406 HEX INV BUF DRIVERS HV OUT	PATREL	4.0000	EACH	
?	IN	376-0073	IC 7490 DECADE COUNTER	PATREL	1.0000	EACH	
2	IN	376-3104	IC 9602 2 RETRIG RESET MONDSTBL MVB		1.0000	EACH	
?	IN	376-0139	IC 7414 HEX SCHHITT TRIGGER	EC9236	3.0000	EACH	
2	IN	376-0158	IC 74LS155 2 2 4 LINE DECODER MX	PATREL	2.0000 20.0000	EACH	-
2	IN	376-0187	IC 72747 2 GEN PURPOSE OPER AMP	ECB797 PATREL	1.0000	EACH	
2	IN	376-0188	IC 74279 4 S-R LATCH	ECB797	9.0000	EACH	
2	IN	376-0195	DG200BA 1.C.	PATREL	4.0000	EACH	
2	IN	376-0226	IC 74LS139 2 2-4 LINE DECODE IC 74LS164 8 BIT PAR OUT SERIAL	PATREL	7.0000	EACH	
2	IN	376-0236		EC9236	1.0000	EACH	
2	IN	376-3266	IC SN74132N SCH4ITT-TRIG POS NAN DO35 SIL DIODE 30V 100MA AT 1V .48		47.0000	EACH	
2	FS	380-1001-48 380-1001-R	D035 SIL DIODE 30V+ 100MA AT 1V T&R		1.0000	EACH	
3				50055			
2	IN	380-2033	D10 ZEN 14746 A 3.3V 4004W S D0-7		1.0000	EACH	
?	FS	380-4000	DIO 1N4004 400V IA RECT S D041		2.0000		
2	IN	510-7360	7360 PRINTED CIRCUIT BOARD	PATREL	1-0000		
?	IN	554-0106	CONN HEADER 6 .100 IROW STR PIN	PAIREL.	2.0000		
1	IN	210-7351-4	PCB ASSY BIW/WWP PTR CONTROLLER		1.0000	EACH	

LEGEND 1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	IML
2_	PIN	209-7361	PCB ASSY BIW/WP PTR CONTROLLER		1.0000	EACH	
3	IN	000-0001	LABOR SUB-SYSTEMS		2.0000		
3 3	IN In	000-0011	LABOR QUALITY CONTROL		•4000		
3	IN	300-1900 300-1903	CAP -05 UF +80-20% 12 V CERAMIC D	PATREI	30.0000	EACH	
3	IN	500-1930	CAP .01 UF +80-20% 25 V CERAMIC D .1 UF 50V +80-20% CERAMIC CAP(HIFRQ		5.0000	EACH	
3	IN	300-1931	<b>=</b>		10.0000	EACH	
3	IN	300-1941	•033UF 50VDC 10% REC.(81W)	EC9838 EC8796	2.0000	EACH	
3	IN	300-4022	CAP 15.0 UF 20 V 10% TANT AXIAL		8.0000	EACH Each	
3	IN	300-5006	CAP 1000 PF 5% 100 V MICA DIPPED	EC9446	2.0000	FACH	
3	IN	321-0018	CRYSTAL 17-1 5 % QUARTZ HC-18/U		1.0000	EACH	
3	FS	330-2010	RES 100 OHM 1/4W 10% FIXED COMP	EC8226	2.0000	EACH	
3	PFS +	330-2022-48	RES 100 DHM 1/4W 10% FIXED COMP RES 220 DHM 1/4W 10% FIXED COMP		2.0000	EACH	
4	FS *	300-5006 321-9018 330-2010 330-2022-48 330-2022	RES 220 DHM 1/4W 10% FIXED COMP		1.0000	EACH	
_		*** ***					
3	FS +	330-2027	RES 270 DHM 1/4W 10% FIXED COMP	EC9446			
3	P 75 *	330-2033-48	RES 330 OHM 1/4W 10% FIXED COMP		2.0000	EACH	
4	rs =	330-2033	RES 330 OHR 1/4W 10% FIXED COMP		1.0000	EACH	
3	PFS +	330-3010-4B	RES 1K OHM 1/44 10% FIXED COMP		5.0000	EACH	
4		330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
					10000	LACII	
3	PFS *	330-3022-4B	RES 2.2K OHM 1/4W 10% FIXED COMP	EC8226	1.0000	FACH	
4	FS *	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
_							
		330-3047-48	RES 4.7K OHM 1/4W 10% FIXED COMP	EC9446	18.0000	EACH	
•	FS 4	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	P FS +	330-4010-49	RES 10K OHM 1/4W 10% FIXED COMP	EC9446			
Ĭ <b>4</b>		330-4010	RES 10K OHM 1/4W 10% FIXED COMP	267446	9.0000		
•			NES 104 OIN 1948 104 FIRES COMP		1-0000	EACH	
3	PFS *	330-4018-48	RES 18K OHM 1/4W 10% FIXED COMP		1.0000	FACH	
4		330-4018	RES 18K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
		330-4022-4B	RES 22K OHM 1/4W 10% FIXED FILM	EC9838	1.0000	EACH	
4	FS *	330-4022	RES 22K OHM 1/4W 10% FIXED FILM		1.0000	EACH	
3	FS	330-4047	DEC. ATH OUR STALL SER FELER COLD				
3	PFS	330-5010-48	RES 47K OHM 1/4W 10% FIXED COMP		1.0000		
4		330-5010	RES 100K DHM 1/4W 10% FIXED COMP RES 100K DHM 1/4W 10% FIXED COMP	EC9838	1.0000	EACH	
4		330-3010	RES 100K ONH 174W 10% FIRED COMP		1.0000	EACH	
3	IN	330-5033	RES 330K OHM 1/4W 10% FIXED COMP	FCRAAG	1.0000	EACH	
3	IN	333-0068	RES 3.01K OHM 1/8W 1% FIXED FILM	EC9446	4.0000	EACH	
3	IN	333-0090	RES 1CK DHM 1/8W 1% FIXED FILM	EC9446	2.0000	EACH	
3	IN	333-0094	RES 6.04K OHM 1/8W 1% FIXED FILM	EC9446	4.0000	EACH	
3	IN	333-0109	RES 46.4K DHM 1/8 WATT 1%	EC8796	2.0000	EACH	
3	IN	375-3017	TSTR 2N3014 3604W 40V SH NPN S 52		3.0000	EACH	
3	IN	375-9004	TRANSIPAD TO-18 (SMALL)	EC9446	3.0000	EACH	
3	IN	376-0008	IC 7442N 4 LINE-10 LINE DECODER		1.0000	EACH	
3	IN	376-0053	IC 74193 SYN 4 BIT UP DOWN COUNTER		1.0000	EACH	
3	IN	376-0055	IC 7406 HEX INV BUF DRIVERS HV OUT		1.0000	EACH	
3	IN	376-0076	IC 75150P 2 LINE DRIVER	PATREL	2.0000	EACH	

LEGEND

1: P=PHATOM: 2: ITEM MASTER DELY CODE: 3: +=TAGGED OUT OF KIT(PROD STR)

POSITION IN Strjcture	LEGEND 1 2 3	COMPONENT Part Number	DESCRIPTION	ECN	QUANTITY PER ASSY	U/4	IML
3	IN	376-0081	IC 7408 4 2 IN POS AND GATE	EC9446	3.0000	HOAB	
3	IN	376-0093	IC 7432 4 2 IN OR GATE	PATREL		EACH	
3	IN	376-0098	IC 74174 HEX D TYPE FLIP FLOP	EC9446		EACH	
3	IN	576-0104	IC 9602 2 RETRIG RESET MONDSTRU MVR	EC9446	3.0000	EACH	
3	IN	376-0108	IC 9314 4 LATCH		1.0000	EACH	
3	IN	376-0139	IC 7414 HEX SCHMITT TRIGGER		1.0000	EACH	
3	IN	376-0155	IC 74LS74 2 D TYPE EDGE TRIG FF	EC9446	5.0000	EACH	
3	IN	376-0159	IC 9314 4 LATCH IC 7414 HEX SCHMITT TRIGGER IC 74LS74 2 D TYPE EDGE TRIG FF IC 74LS174 HEX D TYPE FLIP FLOP	EC9446	2.0000	EACH	
3	IN	376-0160	IC 74LS175 4 D TYPE EDGE TRIG F/F		3.0000	EACH	
3	IN	376-0180	IC 74LS04 HEX INVERTER		5.0000	EACH	
3	IN	376-0183	IC 74173 4 BIT D TYPE REG 3 STATE			EACH	
3	IN	376-0192	IC 74LS367 HEX BUS DRIVER 3 STATE	EC9446			
3	IN	376-0193	IC 74LS368 HEX BUS DRIVER 3 STATE	EC9446	1.0000		
3	IN	376-0195	DG200BA 1.C.		1.0000		
3	IN	376-0207	IC 74LS00 4 2 IN POS NAND GATE	EC9446	4.0000		
3	IN	376-0208	IC 74LS02 4 2 IN POS NOR GATE	PATREL		EACH	
3	IN	376-0211	IC 74LS32 4 2 IN POS OR GATE	EC7973	4.0000		
3	IN	376-0212	IC 74LS42 BCD TO DEC DECODER	EC9446	4.0000	EACH	
3	IN	376-0220	IC 74LS193 SYN 4 BIT UP DOWN CTR	PATREL	4.0000		
3	IN	376-0226	IC 74LS139 2 2-4 LINE DECODE		1.0000		
3	IN	376-0231	IC 74LS86 4 2 IN EXCLUSIVE OR GATE		1.0000	EACH	
3 3	IN	376-0286 376-0288	IC 74LS374 B LATCHES W/TR ST OUTP		4.0000		
3	IN		IC 74LS244 OCTUAL BUF/LINE OR 3 OUT IC UABO1E PC D/A CONVERTER		1.0000		
	IN	376-3290	IC DABUIL PC D/A CONVERIER		2.0000	EACH	
3 3	IN	376-9002	IC 16 PIN SOCKET BURNDY	EC9838			
3	IN IN	376-9003	IC 24 PIN SOCKET BURNDY		6.0000		
3		376-9011	IC 40 PIN SOCKET BURNDY # DILBZ4GP1			EACH	
3	IN IN	376-9014 376-9015	IC 18 PIN SOCKET IC 28 PIN SOCKET BURNDY	EC9838		EACH	
3	PFS	380-1001-4B		EC9838	1.0000	EACH	
4	FS	380-1001-48	DO35 SIL DIODE 30V. 100MA AT 1V .4B			EACH	
•	. •		DO35 SIL DIODE 30V. 100MA AT 1V TER		1.0000	EACH	
3	IN	510-7361	7361 PC3 81W/WWP PTR CONTROLLER  8080A MICRUPROCESSOR  8224 I.C.  8228 I.C. 2114 1024X4 BIT STATIC RAM MICROCODE VERSION S1-2 L9 81W		1.0000	EACH	
?	FS	377-9269	BOBOA MICRUPROCESSOR		1.0000	EACH	
2	WC	377-0337	8224 I.C.		1.0000	EACH	
. 2	WC	377-0338	8228 I.C.	PATREL	1.0000	EACH	
2	IN	377-0341	2114 1024X4 BIT STATIC RAM		2.0000	EACH	
2	IN	378-2268	MICROCODE VERSION S1-2 L9 91W	EC9737	1.0000	EACH	
3	FS	377-0317	2708 INTEL PROM		1.0000	EACH	
2	IN	378-2269	HICROCODE VERSION S2-2 L8 81W	EC9737	1.0000	EACH	
3	FS	377-0317	2708 INTEL PROM		1.0000		
						20011	
2	IN	378-2270	VELOCITY PROFILE "X" L12	EC9737	1.0000	EACH	
3	FS	377-0317	2708 INTEL PROM		1.0000		
2	IN	378-2271		FC3777			
3	FS	378-2271 377-0317	VELOCITY PROFILE "Z" L15 2708 INTEL PROM	267/3/	1.0000	EACH	
-					1.0000		
1	IN	210-7364	7364 P.S.REGULATOR.MDL 81W		1.0000	EACH	
2	IN	000-0001	LABOR SUB-SYSYEMS		5.5000		

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ASSEMBLY PART NUMBER 197-9237-WP- ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND

1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
2	IN	000-0011	LABOR QUALITY CONTROL		1.1000		
2	IN	270-0397	HEATSINK ASSY BIW	EC9691	1.0000	EACH	
3	IN	270-3106	HEATSINK HARVESS BIW BOT C6482-329	)	1.0000	EACH	
4	PFS	600-0002	WIRE 18 GA RED UL		1.2100	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4	PFS	600-0005	WIRE 18 GA GREEN UL		•9500	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4	P FS	600-0006	WIRE 18 GA BLUE UL		1.7000	FEET	
<sup>7</sup> 5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4	PFS	600-0008	WIRE 18 GA GRAY UL		1.3900	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4	PFS	600-7000	16 GA BLACK STRANDED WIRE 16 GA WHITE STRANDED WIRE		1.0200	FEET	
5	FS	500-7009	16 GA WHITE STRANDED WIRE		1.0000	FEET	
4	FS	605-1004	CARLE TYE. DAN-TY DITTM-M		5.0000	EACH	
•	IN	654-1148	CABLE TYE, PAY-TY PLTIM-M SOCKET HOUSING 1-480318-0 SOCKET HOUSING 1-480303-0 SOCKET 20-14 GA(REEL)AMP 61117-4		1.0000	EACH	
4	TN	654-1150	SOCKET HOUSING 1-480310-0		1.0000		
4	FS	654-1163-R	SOCKET MODSING 1-460000-0		5.0000	EACH	
•	, 3	034-1133-K			380000	LACI	
3	IN	270-3107	HEATSINK HARNESS BIN TOP C6482-33	)	1.0000	EACH	
4	PFS	600-0000	WIRE 18 GA BLACK UL	-	1.1700		
4	PFS	600-0002	WIRE 18 GA RED UL		1.7000	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
<b>A</b>	P FS	(00 0007	WIRE 18 GA ORANGE UL			FEET	
4	–	600-0003			1.5400		
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4	P FS	600-0004	WIRE 18 GA YELLOW UL		1.7000	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000		
•	, ,				20000		
4	PFS	600-0005	WIRE 18 GA GREEN UL		1.6200	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4	PFS	600-0006	WIRE 18 GA BLUE UL		1.3300	FEET	
5	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
4_	P FS	600-0007	WIRE 18 GA VIOLET UL		1.3700		
5	FS	500-0009	WIRE 18 GA WHITE UL		1.0000		
4	FS	600-0009	WIRE 18 GA WHITE UL Cable tye• Pan-ty Pltim-m Socket 20-14 Ga(Reel)amp 61117-4		1.6200	FEET	
4	FS	605-1004	CABLE TYE. PAN-TY PLTIM-M		8 . 0000	EACH	
4	FS	654-1163-R					
4	IN	654-1189	8 POS SOCKET HSNG AMP 1-480283-0		1-0000	EACH	
3	IN	334-0017	-25 OHM 3W 5% FIXED RESISTOR		2.0000	EACH	
3	IN	334-0034	10 DHE 250 SY UN ETVED DESISTAN		4.0000		
3	I۷	360-0008			1.0000		
3	IN	375-1046	TRANSISTOR 2N5282 (TO-3)		2.0000		

PAGE

POSTTION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part Number	DESCRIPTION	E C N	QUANTITY PER ASSY	U/4	IHL	
			TRANSISTOR 2N6285 (TO-3) INSULATOR XTOR MOUNT WECKFSSER TM-1 MICA WSHR (LARGE) FOR POWER XISTORS INSULATED STANDOFF (FORKED) EXTRUSION MACHING.HEATSNK 86631-761 WIRE 18 GA RLACK UL WIRE 18 GA TINNED COPPER BUS (UL) TUBING PVC M8 CLEAR TEFLON TUBING M16 PENNTUBE 4-40X1/4 PAN HD PHL MS SS MAG. SEMS 6-32 X 3/R PAN HD PHL MS SS SEMS 6-32 X 1/2 PAN HD PHL MS SS SEMS NUT 6-32UNC HEX SMALL PAY SS WASH 6.149ID .3750D .016 FL SS WASH 6.150ID .2880D INT T ST WS GROUND LUG		PEX #221			
3	IN	375-1047	TRANSISTOR 2N6285 (TO-3)		1.0000	EACH		
3	IN	375-9014	INSULATOR XTOR MOUNT WECKESSER TM-1		3.0000	EACH		
3	IN	375-9020	MICA WSHR (LARGE) FOR POWER KISTORS		3.0000	EACH		
3	IN	462-0193	INSULATED STANDOFF (FORKED)		2.0000	EACH		
3	IN	478-0436	EXTRUSION MACHING HEATSNK B6631-701		1.0000	EACH		
3	PFS	600-0000	WIRE 18 GA BLACK UL		.7500	FEET		
3	FS	600-9018	WIRE 18 GA TINNED COPPER BUS (UL)		-6600	FEET		
3	FS	605-0010	TUBING PVC #8 CLEAR		-2100	FEET	•	
3	FS	605-0127	TEFLON TUBING #16 PENNTUBE		.4200	FEET		
3	IN	650-2087	4-40X1/4 PAN HD PHL MS SS MAG. SEMS		8-0000	EACH		
3	IN	550-3120	6-32 X 3/R PAN HD PHL MS SS SEMS		1.0000	EACH		
3	IN	650-3160	6-32 X 1/2 PAN HD PHL 4S SS SEMS		6.0000	EACH		
3	IN	552-3004	NUT 6-32UNC HEX SMALL PAY SS		5.0000	EACH		
3	IN	553-3000	WASH 6 .149ID .3750D .016 FL SS		6.0000	EACH		
3	IN	553-3001	WASH 6 .15010 .2880D INT T ST		3.0000	EACH		
3	IN	654~1006	#5 GROUND LUG		3.0000	FACH		
•								
2	IN	300-1470	CAP 470 PF 10% 500 V CERAMIC DISC	EC8180	1.0000	FACH		
?	IN	300-1903	CAP .01 UF +80-20% 25 V CERAMIC D	EC8180	1.0000	FACH		
? ?	IN	300-1930	-1 UF 50V +80-20% CERAMIC CAPCHIFRQ	EC7856	8-0000	FACH		
2	IN	300-1931	1 UF CERAMIC CAPACITOR (HIGH FRED)	FC7856	8-0000	FACH		
2 2	IN	300-2110	CAP +01 UF 10% 100 V MYLAR		1-0000	FACH		
2	IN	300-2115	CAP .015 UF 10% 100 V MYLAR		1-0000	EACH		
2	IN	300-4022	CAP 15.0 UF 20 V 10% TANT ANTAL	FC7856	3.0000	EACH		
5	IN	300-4032	CAP 10-0 UF 35 V 10% TANT ANTAL	FC7856	9.0000	EACH		
2	IN	320-0047	12V REED RELAY AGDOLADOL2	FC7856	3.0000	CACH		
2	P FS +	330-2010-48	RES 100 DHM 1/4W 10% ETVED COMP	EC 0 1 0 0	2 0000	EACH		
3	FS +	330-2010	RES 100 OHM 1/AN 10% FIXED COMP	£ C 8 1 8 0	3.0000	EACH		
			CAP 470 PF 10% 500 V CERAMIC DISC CAP .01 UF +80-20% 25 V CERAMIC D .1 UF 50V +80-20% CERAMIC CAP(HIFRQ 1 UF CERAMIC CAPACITORCHIGH FREC) CAP .01 UF 10% 100 V MYLAR CAP .015 UF 10% 100 V MYLAR CAP 15.0 UF 20 V 10% TANT AXIAL CAP 10.0 UF 35 V 10% TANT AXIAL 12V REED RELAY 46D01A0012 RES 100 OHM 1/4W 10% FIXED COMPRES 100 OHM 1/4W 10% FIXED COMPRES 150 OHM 1/4W 10% FIXED		1.0000	EACH		
?	PFS *	330-2015-4B	RES 150 OHM 1/4W 10% FIXED COMP RES 150 OHM 1/4W 10% FIXED COMP			E 4 6 14		
3	FS +	330-2015	RES 150 OHM 1/AU 10% FIVED COMP		1.0000	EACH		
	_		HED 130 OWN 1748 TOW FINED COMP		1.0000	EACH		
2	P FS *	330-2022-4R	RFS 220 DHM 1/AU 107 ETVED COMP			- i		
3	FS +	330-2022	RES 220 OHM 1/40 10% FIXED COMP		12.0000	EACH		
	. •		RES 220 OHM 1/4W 10% FIXED COMP RES 220 OHM 1/4W 10% FIXED COMP		1.0000	EACH		
2	P FS +	330-2047-48	RES A70 DAM 1/AU 104 ETVED COMD					
2 3	FS •	330-2047	PES A70 OUM 1/AU 104 FIXED COMP		2.0000	EACH		
_	. •		RES 470 DHM 1/4W 10% FIXED COMP RES 470 DHM 1/4W 10% FIXED COMP		"T•000Å	_EACH		
2	P FS .	330-3010-48	RES 1K OHM 1/4W 10% FIXED COMP RES 1K OHM 1/4W 10% FIXED COMP					
3	FS •	330-3010	MES IN OUR INAM INT LINED COMP		2.0000	EACH		
•		550-5010	KCS IN ONH IVAN IUS PIXED COMP		1.0000	EACH		
2	P FC .		RES 2.2K OHM 1/4W 10% FIXED COMP RES 2.2K OHM 1/4W 10% FIXED COMP					
3	FC	330-3022-46-	DEC 2 24 OHM 1/48 10% FIXED COMP		5.0000	EACH		
•	13 -	330-3022	MES SOSK ONN INAM INT LINES COMP		1.0000	EACH		
2	D EC .	110-1027-40	RES 2.7K OHM 1/4W 10% FIXED COMP RES 2.7K OHM 1/4W 10% FIXED COMP					
~ <b>3</b>	F C .	330-3027-4	ACS 207K UNM 174W 10% FIXED CUMP		1.0000	EACH		
J	F3 -	330-3027	WES SOLK OHM INAM INT LIXED COMB		1.0000	EACH		
2	D E C -	330-3033-AD	DEC T TV OUR SAAH SAA FTUES SSH			_		
~ 3	F F3 *	JJU-JUJJ-75	RES 3.34 OHM 1/4W 10% FIXED COMP RES 3.3K OHM 1/4W 10% FIXED COMP		1.0000	EACH		
3	F 3 =	JJU-3U33	NES SOOK UND 1748 10% FIXED COMP		1.0000	EACH		
3	F F5 *	JJU-3U37-45	RES 3.9K OHM 1/4W 10% FIXED COMP RES 3.9K OHM 1/4W 10% FIXED COMP		1.0000	EACH		
J	r 5 •	220-2024	KES 3-9K OHM 1/4W 10% FIXED COMP		1.0000	EACH		

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MATERIAL AS OF

RUN DATE: 10/12/78

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ASSEMBLY PART NUMBER 187-9237-WP- -SSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND 1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/4 I	٩L
2	D EC .	330-3047-49	RES 4.7K OHM 1/4W 10% FIXED COMP				
້າ		330-3047	RES 4.7K OHH 1/4W 10% FIXED COMP	EC9516	• • 0000	EACH	
J	, , ,	330-3047	MES 447K ONN 1748 10% FIXED COMP		1-0000	EACH	
2	P FS	330-3056-48	RES 5.6K DHM 1/4W 10% FIXED COMP	EC9180	2.0000	EACH	
3		330-3056	RES 5.6K OHM 1/4W 10% FIXED COMP	1.0-100	1.0000	EACH	
					10000	ERUN	
2	PFS	330-3083-4B	RES 8.2K OHM 1/4W 5% FIXED COMP	EC9516	1.0000	EACH	
3	IN +	350-3083	RES 8.2K OHM 1/4W 5% FIXED COMP		1.0000	EACH	
_							
		330-9010-48	RES 10K 04M 1/4W 10% FIXED COMP	EC9516	3.0000	EACH	
3	FS +	330-4010	RES 10K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	D EC .	330-4015-48	RES 15K OHM 1/4W 10% FIXED COMP				
໌3		330-4015	RES 15K OHM 1/4W 10% FIXED COMP RES 15K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
J	, 3 -	330-4013	ALS ISK ONH IVAM ION PIXED COMP		1-0000	EACH	
2	FS	330-4023	RES 22K OHM 1/4W 5% FIXED COMP	EC9516	1.0000	EACH	
2	IN	331-0022	RES 2.2 OHM 1/2W 10% FIXED COMP	EC8614	1.0000	EACH	
2	IN	331-1022	RES 22 OHM 1/2W 10% FIXED COMP		2.0000	EACH	
?	IN	331-2015	RES 150 OHM 1/2W 10% FIXED COMP		5.0000	EACH	
2	IN	331-2033	RES 150 OHM 1/2W 10% FIXED COMP RES 330 OHM 1/2W 10% FIXED COMP 680 OHM 1/2W 10% RESISTOR W/OFF-76 RES 1K OHM 1/2W 10% FIXED COMP		5.0000	EACH	
2	IN	331-2068	680 OHM 1/2W 10% RESISTOR W/OFF-76		3.0000	EACH	
?	IN	331-3010 ~	RES 1K OHM 1/2W 10% FIXED COMP		2.0000	EACH	
2	IN	331-3022	RES 2.2K OHM 1/2W 10% FIXED COMP RES 909 OHM 1/8W 1% FIXED FILM	EC8180	1.0000	EACH	
2	IN	333-0059	RES 909 OHM 1/8W 1% FIXED FILM	EC8180	1.0000	EACH	
2 2	IN In	334-0000	1 DHM 11W FIXED RESISTOR		1.0000	EACH	
2	IN	334-0028 336-1014	RES 909 OHM 1/BW 1% FIXED FILM 1 OHM 11W FIXED RESISTOR -50HM 5W 1% RESISTOR RES 14 OHM VAR TRIM SIDE ADJ SQ	EC9434	2.0000	EACH	
2	IN		WES IN OUR AND INTERPREDICTION	LLBIOU	1.00000	EACH	
2	IN	374-0002	IC REG UA 7812 +12V TO-220 IC REG UA 7905 -5V TO-220 IC REG UA 7912 -12V TO-220		2.0000 1.0000	EACH	
2	IN	374-0003	IC REG UA 7912 -12V TO-220		1.0000	EACH	
2	IN	375-0017	TSTR 2N3014 3604W 40V SH NPN S 52	EC7856	2.0000	EACH	
2	IN	375-0018	TSTR 2N4037 1.0W 40V S PNP S		6.0000	EACH	
2	IN	375-1026	TSTR 2N3467 1.0W 40V SH PNP S T05 TSTR 2N3725 0.8W 80V SH NPN S			EACH	
2	IN		TSTR 2N3725 O.BW BOV SH NPN S		7.0000	EACH	
2	IN	375-1034	2N6111 PNP PLASTIC POWER TRANSISTOR	EC7856	1.0000	EACH	
2	IN	375-1051	TRANSISTOR 2N6292 (PLASTIC) TRANSISTOR 2N6292 (PLASTIC) TRANSISTOR RCA8203A (PLASTIC) 2N6107 TRANSISTOR TRANSIPAD 8977897-1 LARGE TRANSIPAD TO-18 (SMALL)		4.0000	EACH	
2	IN	375-1052	TRANSISTOR 246387 (PLASTIC)		3.0000	EACH	
2 ?	IN In	375-1053	TRANSISTOR RCAB203A (PLASTIC)		3.0000	EACH	
?	IN	375-1058 375-9001	ZMBIUT IKANSISTUK		4.0000	EACH	
2	IN	375-9004	TRANSIPAU 07//03/-1 LAKUL	507051	14-0000	EACH	
2	IN		MICA INSULADF1038 FOR 375-1034/1035	EC061A	2.0000 19.0000	EACH Each	
2	IN	375-0066		200014	2.0000	EACH	
2	IN	376-0145	IC 75452 2 PERIPHERAL POS NAVO DRIV	EC7856	\$ _ OOOO	EACH	
2	IN	380-2039	IC 75452 2 PERIPHERAL POS NAND DRIV D10 ZEN 14748 A 3.9V 400MW S D0-7 D10 ZEN 14752 A 5.6V 400MW S D0-7		1.0000	EACH	
2	IN	380-2056	D10 ZEN 1N752 A 5.6V 400MW S D0-7	EC7856	1.0000	EACH	
2	IN	380-2062	D10 ZEN 14753 A 6.2V 400MW S D0-7	EC7856	1.0000	EACH	
2	IN	380-2068		EC7856	1.0000	EACH	
?	IN	380-2075	D10 ZEN 1N755 A 7.5V 4004W S D0-7	EC7856		EACH	
2	FS	380-4000			12.0000	EACH	
2	IN	462-0262	SPACER.HEATSINK(62)86636-230	EC9079	2.0000	EACH	

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT DF <II(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3	COMPONENT Part Number	DESCRIPTION	E C N	QUANTITY PER ASSY	U/4 I4L	
2	IN	478-0390	ANGLE, TRANSISTOR MTG C6631-402	EC8614	1.0000	EACH	
2	IN	510-7364	7364 P.S.REGULATOR. MDL 81W		1.0000	EACH	
2	IN	650-3120	6-32 X 3/8 PAN HD PHL MS SS SEMS	EC9614	3.0000	EACH	
2	IN	650-3131	6-32 X 3/A NYLON COVERED FIL HD SLT		19.0000	EACH	
2	IN	550-3401	SCR 6-32 1 1/4 PHIL PH 45 SS	EC8614	2.0000	EACH	
2	IN	553-3000	WASH 6 .149ID .3750D .016 FL SS	EC8614	2.0000	EACH	
2	IN	553-3001		EC8614	2.0000	EACH	
2	IN	653-3002	WASH 6 .14110 .25000 .062 FL NYL	EC9079	2.0000	EACH	
1	IN	210-7449	PCB ASSY 114 THN SHY FOR CHTL ASSY		1.0000	EACH	
2	IN	300-1220	CAP 220 PF 10% 500 V CERAMIC DISC		2.0000	EACH	
2 2	IN In	300-1900	CAP .05 UF +80-20% 12 V CERAMIC D	PATREL	8.0000	EACH	
2		300-1901	CAP -1 UF 20% 12 V CERAMIC DISC	PATREL	1.0000	EACH	
2	IN IN	300-1903	CAP -01 UF +80-20% 25 V CERAMIC D	PATREL	1.0000	EACH	
2	IN	300-1906 300-1930	CAP .301 UF 10% 500 V CERAMIC DISC		2.0000	EACH	
2	IN	300-4002	-1 UF 50V +80-20% CERAMIC CAPCHIFRO	PATREL	5.0000	EACH	
2	IN	300-4016	The second secon		1.0000	EACH	
2	IN	300-4018	CAP 3.3 UF 15 V 10% TANT AXIAL CAP 15.0 UF 20 V 10% TANT AXIAL	PATREL	2.0000	EACH	
2	1 N	300-4032		EC9373	3.0000	EACH	
2	IN	300-4034	CAP 10.0 UF 35 V 10% TANT AXIAL CAP 47.0 UF 20 V 10% TANT AXIAL	PATREL	2.0000	EACH	
2	IN	300-4045	CAP 220 UF TANT 15 VDC 10%	PATREL	2.0000	EACH	
2	PFS	330-1047-48	RES 47 OHM 1/4W 10% FIXED COMP		2.0000	EACH	
3		330-1047	RES 47 OHM 1/4W 10% FIXED COMP		1.0000 1.0000	EACH Each	
			NED TO ONE IF THE LOW PINCE COMP		1.0000	ENLÜ	
2	PFS	330-2010-48	RES 100 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
. 3	FS •	330-2010	RES 100 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2 3	PFS	330-2047-48	RES 470 OHM 1/4W 10% FIXED COMP		2 • 0 0 0 0	EACH	
3	FS *	330-2047	RES 470 OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	FS	330-2082	RES 820 OHM 1/4W 10% FIXED COMP	PATREL	2.0000	EACH	
2	P FS	330-3010-4P	RES 1K OHM 1/4W 10% FIXED COMP	EC9679	3.0000	EACH	
3	FS *	330-3010	RES 1K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	PFS	330-3015-48	RES 1.5K OHM 1/4W 10% FIXED COMP	EC9100	1.0000	EACH	
3	FS +	330-3015	RES 1.5K OHM 1/4W 10% FIXED COMP	207200	1.0000	EACH	
					20000		
2	PFS	330-3022-48	RES 2.2K OHM 1/4W 10% FIXED COMP	EC9679	14.0000	EACH	
3	FS +	330-3022	RES 2.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	P FS	330-3047-48	RES 4.7K DHM 1/4W 10% FIXED COMP	EC9100	5.0000	EACH	
3	FS *	330-3047	RES 4.7K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
					_ ,		
?_	PFS	330-3056-48	RES 5.6K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
3	FS *	330-3056	RES 5.6K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	D 50	770 7000 :-	000 4 64 644 444 555 555				
3	PFS	330-3082-48	RES 8.2K DHM 1/4W 10% FIXED COMP		1.0000	EACH	
J	F S •	330-3082	RES 8.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	PFS	330-4010-48	RES 104 OHM 1/4W 10% FIXED COMP	PATREL	2 0000	F424	
<u>.</u> 3		330-4010	RES 104 OHM 1/4W 10% FIXED COMP	FAIREL	2.0000		
-	, , ,	554 4010	WIS THE OUR TEAM THE LIVER COAL		1.0000	EACH	

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MULTI-LEVEL BILL OF MATERIAL AS OF RUNDATE: 10/12/78 PAGE 9 A-08006M

ASSEMBLY PART NUMBER 187-9237-WP- -ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND

1: P=PHANTON; 2: ITEM MASTER DELY CODE; 3: \*=TAGED DUT OF (IT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3			ECN	QUANTITY PER ASSY	U/4	IML
2	P FS	330-4033-48	RES 33K OHM 1/4W 10% FIXED COMP	PATREL	3.0000	EACH	
3	FS *	330-4033	RES 33K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
?	P . 3	330-4039-48	RES *9K OHM 1/4W 10% FIXED COMP	EC9190	1.0000	EACH	
3	FS *	330-4039-48 330-4039	RES 39K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	P FS	330-4047-48	RES 47K OHM 1/4W 10% FIXED COMP	EC9100	2-0000	EACH	
3	FS *	330-4047-48 330-4047	RES 47K OHM 1/4W 10% FIXED COMP		1.0000	EACH	
2	IN	330-4047-48- 330-4047-  331-2056- 374-0004- 374-0005- 375-3017- 375-1011- 375-1052- 375-1053- 375-1053- 375-1059- 376-0006- 376-0006- 376-0010- 376-0010- 376-0014- 376-0126- 376-0126- 376-0126- 376-0124-	RES 560 OHM 1/2W 10% FIXED COMP IC REG UA 7815 +15V TO-3 IC RES UA 7915 -15V TO-220		1.0000		
2	IN	374-0004	IC REG UA 7815 +15V TO-3	PATREL	1.0000		
?	IN	374-0005	IC RES UA 7915 -15V TO-220	EC9373	1.0000		
Ş	IN	375-3017	TSTR 2N3014 3604W 40V SH NPN S 52		1.0000		
2	IN	375-1011	USE 375-1017 (REF ECN 5644)	PATREL	1.0000		
2	IN	375-1017	TSTR 2N2906A 1.BW GOV SH PNP S 18 Transistor 2N6387 (Plastic) Transistor RCA8203A (Plastic)		1.0000		
?	IN	375-1052	TRANSISTOR 246387 (PLASTIC)		1 - 0000		
2	IN	375-1053	TRANSISTOR RCAB203A (PLASTIC)		1.0000		
2	1.4	375-1059	TSTR 2N2907A 1.8W 60V SH PNP S 18	EC9100	1.0000	EACH	
2	YN	375-9004	TRANSIPAD TO-18 (SMALL)		2.0000	EACH	
5	IN	376-0002	IC 7400N 4 2 IN POS NAND GATE		1.0000	EACH	
?	IN	376-0006	IC 7474N 2 D EDGE TRIG FLIP-FLOP		2.0000	EACH	
? ? 2 2	IN	376-0010	IC 7404N HEX INVERTER		1.0000	EACH	
2	IV	3/6-0081	IC 7408 4 2 IN POS AND GATE		5-0000	EACH	
2 2	1 N	376-0093	TSTR 2N2907A 1.8W 60V SH PNP S 18 TRANSIPAD TO-18 (SMALL) IC 7400N 4 2 IN POS NAND GATE IC 7474N 2 D EDGE TRIG FLIP-FLOP IC 7404N HEX INVERTER IC 7408 4 2 IN POS AND GATE IC 7432 4 2 IN DR GATE IC 9602 2 RETRIG RESET MONDSTBL MVB IC 555 TIMER IC 7411 3 3 IN POS AND GATE IC LM339 4 COMPARATOR IC 8T37 HEX BUS REC W/HYST-SCHMIT T		1.0000	EACH	
2	1 %	375-0104	IC 3805 S KEIKIR KESEL MONDSIRE MAR		3.0000	EACH	
? ? ?	IN	376-0126	IC TALL T T IN DOC AND CATE		1.0000	EACH	
Ś	7.11	376-0174	IC (411 2 2 IA MA2 MAA GAID	DATREL	1.0000	EACH	
2	1.4	376-0240	IC 8737 HEX BUS REC W/HYST-SCHMIT T	FORCEL	3 0000	EACH	
5	D EC 4	100-1001-40-	D035 SIL DIODE 30V. 100MA AT 1V .4B				
3	F F3 *	380-1001-46-	D035 SIL DIODE 30V. 100MA AT 1V T&R		3-0000	EACH	
3	rs	380-1001-4	DUSS SIE DIUSE SUVO IOUNA AT IN TAK				
?	IN IN FS IN				1.0000	EACH	
2	IN	380-3008	A15A RECTIFIER	EC9100	2.0000	EACH	
2	FS	380-4000	DIO 1N4004 400V 1A RECT S D041 7449 PC3 114 TWN SHT FDR CVTL		2.0000	EACH	
5	IN		7449 PC3 114 YWV SHT FOR CVTL		1.0000	EACH	
•	IN	654-1186	6 POS PIN HEADER AMP 1-380999-0 3 POS P.C. HEADER ASSY AMP 350210-1	PAIREL	1.0000	EACH	
2	IN	654-1193	3 POS P.C. HEADER ASSY AMP 350210-1	PATREL	1.0000	EACH	
1	IN IN IN	220-0198	I/O CA 114 PRTR (114) C6482-286		1.0000	EACH	
2	IN	000-0004	SUB-SYSTEMS LABOR QUALITY CONTROL CONN 25-50 CABLE TO CABLE PLUG STRAIN RELIEF CVR 50 POS 180DEG GRV		•7500	EACH	
2	IN	000-0011	LABOR QUALITY CONTROL		·1500		
č	1 N	350-2083	CONN 25-50 CABLE TO CABLE PLUG		2.0000	EACH	
2 ?	IN	350-4229-G	STRAIN RELIEF CVR 50 POS 180DEG GRV	FC9496	2.0000	EACH	
?	IN IN	350-4229-T	STRAIN RELIEF CVR 50 POS 180DEG TNG 4-40X3/8 CAPT SCR FOR SCR MT CONNS. 25 TWISTED PAIR SHIELDED CAPLE GROUND STRAP C6915-28	EC9496	2.0000	EACH	
?	IN	350-4234	4-40X3/8 CAPT SCR FOR SCR MT CONNS.		4-0000	EACH	
2	FS	420-0073	25 TWISTED PAIR SHIELDED CABLE		12.0000	FEST	
?	IN	458-0361	GROUND STRAP C6815-28	EC9450	4.0000	EACH	
?	I۷	606-0198	CBL MARKER WH/BK 114P 220-0198	EC9699	1.0000	EACH	
3	FS	605-0139	TJBING 1/8 WH SHRINK POLYDLEFIN		•1140	FEET	

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

RUN DATE: 10/12/78

POSITION IN STRJCTURE	LEGEND 1 2 3	COMPONENT Part Number	DESCRIPTION	E C N	QUANTITY PER ASSY		
1	IN IN	270-0560	BINUP CHASSIS ASSY 60HZ		1.0000	FACH	
2	IN	000-0004	SUB-SYSTEMS		5-4170	FACH	
	IN	000-0011	LABOR QUALITY CONTROL		1.0830		
2	IN IN IN IN IN	210-7462	PCB ASSY 81W/WWP MOTHERBOARD		1.0000	FACH	
3	IN	220-3043	20 POS. FLAT CA ASM (KBD) C6482-242		1-0000	FACH	
4	IN	000-0004	SUB-SYSTEMS		-1180	FACH	
4	IN	000-0011	LABOR QUALITY CONTROL		-0240	LAGN	
4	IN	350-0408-B	CONN.20 P PCB FLT CBL BOT 3M #3422		1.0000	FACH	
4	IN	350-0409	CONN. 20 P FLT CBL SOCKET 3M #3421		1.0000	EACH	
9	FS	420-0076	CABLE + FLAT 20 COND 34 #3365/20	EC9825	1.6600	FFFT	
4	FS	505-0020	BINUP CHASSIS ASSY 60HZ SUB-SYSTEMS LABOR QUALITY CONTROL PCB ASSY BIN/NUP MOTHERBOARD 20 POS. FLAT CA ASM (KBD) C6482-242 SUB-SYSTEMS LABOR QUALITY CONTROL CONN.20 P PCB FLT CBL BOT 3M #3422 CONN.20 P FLT CBL SOCKET 3M #3421 CABLE.FLAT 20 COND 3M #3365/20 TUBING 3/4" HEATSHRINK BLACK PVC	EC8429	.4200	FEET.	
3	IN	331-3010	RES 1K OHH 1/2W 10% FIXED COMP		6.0000	EACH	
3	IN	334-0015	•15 OHM 5W 5% FIXED RESISTOR		2.0000	EACH	
3	IN	334-0023	-15 OHM 10W 5% RESISTOR		1.0000	EACH	
. 3	IN	350-0011	225-21521-110 PC CONN SOLDER TYPE		9.0000	EACH	
3	IN	350-0021	225-22221-110 SOL TYPE		10.0000	EACH	
3	IN	350-0039	44 POS P.C.CONN SOLDER TYPE (CINCH)		5.0000	EACH	
3	IN	380-3008	A15A RECTIFIER		2.0000	EACH	
3	IN	510-7462	7462 PCB 81W/WWP MOTHERBOARD		1.0000	EACH	
3	IN	654-0106	CONN HEADER 6 .100 1ROW STR PIN		1.0000	EACH	
3	IN	654-0113	CONN HEADER. 6-5 .100 2ROW STR PIN		1-0000	EACH	
3	IN	654-1190	8 POS PIN HEADER AMP 350212-1		1-0000	EACH	
3	IN	554-1193	3 POS P.C.HEADER ASSY AMP 350210-1	EC9305	1.0000	EACH	
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	IN	654-1198	RES 1K OHM 1/2W 10% FIXED COMP  15 OHM 5W 5% FIXED RESISTOR  15 OHM 10W 5% RESISTOR  25-21521-110 PC CONN SOLDER TYPE  25-22221-110 SOL TYPE  44 POS P.C.CONN SOLDER TYPE(CINCH)  A15A RECTIFIER  7462 PC9 81W/WWP MOTHERBOARD  CONN HEADER 6 .100 1ROW STR PIN  CONN HEADER 6 .100 2ROW STR PIN  B POS PIN HEADER AMP 350212-1  3 POS P.C.HEADER ASSY AMP 350210-1  2 POS PIN HEADER ASSY AMP 350209-1	PATREL	2.0000	EACH.	
2	IN	220-1005	2216C FAN CABLE B6422-271 W/0-77		1.0000	EACH	
3	IN	000-0001	LABOR SUB-SYSTEMS		-0400		
3	IN	000-0011	LABOR QUALITY CONTROL		.0100		
3	PFS	600-0000	WIRE 18 GA BLACK UL	EC8399	1.4200	FEET	
3	FS	600-0009	WIRE 18 GA WHITE UL		1.4200	FFFT	
3	FS	605-0015	#3 CLEAR TUBING	EC5402	1.2500	FEET	
3	IN	654-1148	SOCKET HOUSING 1-480318-0		1.0000	EACH	
3	FS *	654-1163-R	2216C FAN CABLE B6422-271 W/0-77 LABOR SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 18 GA BLACK UL WIRE 18 GA WHITE UL W3 CLEAR TUBING SOCKET HOUSING 1-480318-0 SOCKET 20-14 GA(REEL)AMP 61117-4	EC5402	5.0000	EACH	
?	IN	220-1188	WIRE & LUG ASSY TYPE POR2 D6482-12		1.0000	FACH	
3	IN	000-0004	SUB-SYSTEMS		-0130	FACH	
3	IN	000-0011	LABOR QUALITY CONTROL		-0030	LACI	
3	P FS	600-0002	WIRE 18 GA RED UL		1.0800	FFFT	
4	FS	600-0009	WIRE & LUG ASSY TYPE PO82 D6482-12 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 18 GA RED UL WIRE 18 GA WHITE UL		1.0000	FEET	
3	FS	605-0132	TUBING.3/8 10 HEATSHRINK TERMINAL FASTON .250x.032 PQ18R258M	EC9566	.1250	FFET	
3	FS +	654-0048-R	TERMINAL FASTON .250X.032 PQ18R258M		1.0000	EACH	
2	IN	220-1189	WIRE & LUG ASSY TYPE PO83 D6482-12		1.0000	FACH	
3	IN	000-0004	SUB-SYSTEMS		-0140	FACH	
3	IN	000-0011	LABOR QUALITY CONTROL		.0030	2	
3	P FS	600-0007	WIRE 18 GA VIOLET UL		1.0800	FFFT	
2 3 3 3	FS	600-0009	WIRE & LUG ASSY TYPE POB3 D6482-12 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 18 GA VIOLET UL WIRE 18 GA WHITE UL  TUBING.3/8 ID HEATSHRINK TERMINAL FASTON .250X.032 PQ18R258M		1.0000	FEST	
3	ES	605-0132	THRING.3/8 IS HEATCHPING	France	1950	EC-+	
3	FS +	654-0048-R	TERMINAL FACTON LOSARY DIS DOLORASIA	としづつわり	-1250	FLLI	
-		55. 5570 K - 5	TENTIFIC PROTOR #200A#U32 PWISK258H		1.0000	LAUH	

LEGEND 1: P=PHANTOM: 2: ITEM MASTER DELY CODE; 3: +=TAGGED OUT OF (IT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3	COMPONENT Part Number	DESCRIPTION	ECN	QUANTITY PER ASSY	<b>P</b> \U	IML
2	TN	220-1190	WIRE & LUG ASSY TYPE PO84 D6482-12 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 18 GA BLUE UL WIRE 18 GA WHITE UL		1 - 0 0 0 0	EACH	
3	IN In	000-0004	SUR-SYSTEMS		-0070	EACH	
		000-0011	LARDR DUALITY CONTROL		-0010	CACH	
3	IN P FS FS	600-0006	WIRE IS GA BLUF UL		1-1200	FEET	
Ĭ4	FS	600-0009	WIRE 18 GA WHITE UL		1.1200 1.0000	FEET	
					10000	,	
3	FS	605-0132 654-0048-R	TUBING,3/8 ID HEATSHRINK TERMINAL FASTON 250X-032 PD18R258M	EC9566	.1250	FEET	
3	FS •	654-0048-R	TERMINAL FASTON .250X.032 PQ18R258M		1.0000	EACH	
2	IN	270-3095	TRANSFORMER HARN ASM WWP C6482-252		1.0000	EACH	
3	IN	000-0004	SUB-SYSTEMS		-2800	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		.0560		
3	IN	410-0123	60 HZ CONSTANT VOLT BIW C5068-123		1.0000	EACH	
3	IN	120-1005	POWER CORD ROTRON FAN 16415	EC9346	1.0000	EACH	
3	IN	451-4634	BRKT.TRANSFORMER (81) C6631-387	EC9346	4.0000	EACH	
3	FS	605-0012	TUBING #4 CLEAR	EC9346	• 4600	FEET	
3	FS	605-0014	TUBING #5 CLEAR	EC9346	1.0000	FEET	
3	FS	505-0132	TUBING.3/8 ID HEATSHRINK		1.0000	FEET	
3	FS	654-0017-R	TERMINAL FASTON .250x.032 PQ10R258M	EC9346	5.0000	EACH	
3	FS *	654-0048-R	TERMINAL FASTON .250X.032 PG18R258M	EC9346	2.0000	EACH	
3	FS •	554-0084-R	TRAINAL FASTON .250X.032 PG18K258H  TRANSFORMER HARN ASM WWP C6492-252 SUB-SYSTEMS LABOR QUALITY CONTROL 60 HZ CONSTANT VOLT 81W C5068-123 POWER CORD ROTTRON FAN 16415 BRKT.TRANSFORMER (81) C6631-387 TUBING #4 CLEAR TUBING #5 CLEAR		4.0000	EACH	
2	IN IN	300-3075	TAK HE TON ELECT CARACCOCH TYOPS				
2	7 N	300-3078	P. OF HE ONE FLECTION VICE CARRANTALS		3.0000 1.0000	EACH	
2	IN	300-3078	14K UF 12V ELECT.CAP(SCREW TYPE) 8.2K UF 25V ELECTROLYTIC CAP(AXIAL) 30K UF 30V ELECTROLYTIC CAPACITOR		5.0000	EACH	
		300-9009	CAP CLAMP 1 1/A THEM 2 116 CHC-22		* 0000	EACH	
5	IN In	300-9024	CAP CLAMP 1 1/4 INCH 2 LUG CMC-22 CAP BOOT FOR #300-3042 GE #614 CLAMP CAPACITOR OVAL 2.062"X 1.250"		3.0000 1.0000 1.0000	EACH	
2	IN	300-9026	CLAMP CAPACITOR OVAL 2-0629Y 1-2509		1.0000	EACH	
2	IN	300-9027			2.0000	EACH	
2	IN	320-0300	SPEAKER 3 IN R OHM MAGNETIC SQUARE		1.0000	EACH	
2	ĪŇ	325-0021	SWITCH. ROCKER SPST		1.0000		
2	IN	325-2112	SLIDE SW-115/230 VAC	EC9691	1.0000	EACH	
2	IN	350-1036	BNC SOCKET (F) CONN UG1094A		1.0000	EACH	
2	IN	350-2078	SWITCH, ROCKER SPST SLIDE SW.115/230 VAC BNC SOCKET (F) CONN UG1094A TNC BULKHEAD CONN(F)(PANEL)BW311403		1.0000	EACH	
2	IN	350-4118	POLARIZING KEY BETWEEN CONTACTSOPK2		1.0000	EACH	
2	IN	360-0000	FUSE HOLDER 90 DEGREE CONTACT		1.0000	CACH	
2	IN	360-9000	RUBBER WSHR FOR 360-0000 / 360-0001		1.0000	EACH	
2	IN	360-9002	HEX NUT FOR 360-0000 / 360-0001		1.0000	EACH	
2	IN	360-9003	LOCK WSHR LF#905023(FOR 360-0000/1)		1.0000	EACH	
2	IN	380-4005	RECTIFIER MINIBRIDGE 18 AMP		1.0000	EACH	
2	IN	380-4006	RECTIFIER MINIBRIDGE 15 AMP		1.0000	EACH	
2	IN	380-5001	250 VOLT VARISTOR V250LA20		1.0000	EACH	
?	IN	410-2005	LINE FILTER 5 AMP CORCOM 5K1		1.0000	EACH	
2	IN	420-1000	CORD POWER 3 COND		1.0000	EACH	
2	IN	420-1005	TNC BULKHEAD CONV(F) (PANEL)BW311403 POLARIZING KEY BETWEEN CONTACT5 OPK2 FUSE HOLDER 90 DEGREE CONTACT RURBER WSHR FOR 360-0000 / 360-0001 HEX NUT FOR 360-0000 / 360-0001 LOCK WSHR LF#905023(FOR 360-0000/1) RECTIFIER MINIBRIDGE 18 AMP RECTIFIER MINIBRIDGE 15 AMP 250 VOLT VARISTOR V250LA20 LINE FILTER 5 AMP CORCOM 5K1 CORD POWER 3 COND POWER CORD ROTRON FAN 16415 CHASSIS,SILKSCRN E6631-411 COVER, FILTER WLDMNT D6631-410 COVER, SCRND B1W/SWICH BOX D6631-550 BRKT,TRANSFORMER (81) C6631-387 PLATE,SPEAKER GRILLE(-70)B6634-121 BOX,FILTER SWITCH C6631-542		1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	EACH	
2	IN	451-1120	CHASSIS.SILKSCRV E6631-411		1.0000	EACH	
2	IN	451-2179	COVER+ FILTER WLDMNT D6631-410		1.0000	EACH	
5	IN	451-2946	COVER + SCRND BIM/SWICH BOX D6631-550		1.0000	EACH	
?	IN *	451-4634	BRATE CONTACT		4.0000	EALI	
2 ?	I N I N	752-UU35	PLAIL 95 PLART K UKILLE (-70) 85554-121		1.0000	EACH	
<i>c</i>	IN	458-0574	BOX+FILTER SWITCH C6631-542		1.0000	EACH	

LEGEND

1: P=PHANTOM: 2: ITEM MASTER DELY CODE: 3: +=TAGGED OUT OF (IT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3				GJANTITY PER ASSY		IML
2	IN	462-0141	SPCR. PHENOLIC CURRENT 4-250 6749 PRINTED CIRCUIT BOARD WIRE 18 GA BLACK UL WIRE 18 GA ORANGE UL WIRE 18 GA WHITE UL WIRE 18 GA YELLOW UL WIRE 18 GA WHITE UL WIRE 18 GA WHITE UL		7 0000		
2	IN	510-6749	6749 PRINTED CIRCUIT BOARD	500001	7.0000	EACH	
	PFS	600-0000	WIRE 18 GA BLACK III	CC3631	1.0000	EACH	
	PFS	600-0003	WIRE 18 GA ORANGE III		3.0000	FEET	
3	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
					1.0000	FEEI	
	PFS	600-0004	WIRE 18 GA YELLOW UL		.7200	EFFT	
3	FS	600-0009	WIRE 18 GA WHITE UL		1-000	FFFT	
					10000	1 2 2 1	
2	P FS	600-0054	WIRE 18 GA GREEN/YELLOW UL		.8800	FFFT	
3	FS	600-0009	WIRE 18 GA WHITE UL		1.0000	FEET	
_			WIRE 26 GA BLACK WIRE 26 GA WHITE				
2	P FS FS	900-3000	WIRE 26 GA BLACK		•9900	FEET	
•	FS	500-3009	WIRE 26 GA WHITE		1.0000	FEET	
2	B	(00 1000					
3	P FS FS	600-3002 600-3009	WIRE 26 GA RED WIRE 26 GA WHITE		•5400	FEET	
•	гэ	600-3009	WIRE 26 GA WHITE		1.0000	FEET	
2	D E C	600-3004	UIDE OF CA MELLON				
3	P FS FS	600-3009	WIRE 26 GA YELLOW WIRE 26 GA WHITE		•4100	FEET	
		500-5007-	MINE SP ON MUTIE		1.0000	FEET	
2	P FS FS	600-3005	HIRF 26 GA GREEN		4500		
3	FS	600-3009	WIRE 26 GA GREEN WIRE 26 GA WHITE		1 0000	FEET	
					1.0000	FEEI	
2	P FS	600-3006	WIRE 26 GA BLUE WIRE 26 GA WHITE		- 4100	FFFT	
3	FS	600-3009	WIRE 26 GA WHITE		1.0000	FFFT	
2	P FS	600-7000	16 GA BLACK STRANDED WIRE	EC9614	•2500	FEET	
3	г 5	500-7009	16 GA BLACK STRANDED WIRE 16 GA WHITE STRANDED WIRE		1.0000	FEET	
2	FS FS FS FS FS IN IN		TUBING PYC #B CLEAR TUBING #4 CLEAR TUBING #5 CLEAR TUBING #5 CLEAR #3 CLEAR TUBING TEFLON TUBING #16 PENNTUBE CABLE TYE. PAN-TY PLTIM-M CABLE TYE. PAN-TY TY-232M 4-40 X 3/4 PAN HD PHL #S SS SEMS 6-32 X 1/4 PAN HD PHL #S SS SEMS SCR 6-32 5/8 PHIL PH #S SS B-32 X 3/8 PAN HD PHL #S SS SEMS				
2	- S	605-0010	TUBING PVC #B CLEAR		•1200	FEET	
2	F 3	605-0012	TUBING #4 CLEAR		•5800	FEET	
2 2 2	r S E C	605-0015-	IURING MP CLEAR		•5600	FEET	
2	FC	605-0013	WO CLEAR TUBING		.0800	FEET	
2	FS	605-1004-	CARL TYPE DAY THE PENNIUSE		•3300	FEST	
2	FS	505-1010	CARLE TYE. DAN-TY TY-OTON		17.0000	EACH	
2	ĪN	650-2240	A-A0 V 3/A DAN UD DUI MC CC CCMC		1.0000	EACH	
? 2 ?	TN	650-3080	6-43 A 1/4 DAY NO DRI MG GG GENG		19.0000	EACH	
2	IN	650-3200	SCR 4-12 5/8 DUTI DU MO CO		19.0000	EACH	
2 2	IN	650-4120	8-32 X 3/8 PAN HD PHL MS SS SEMS	500444	5.0000	EACH	
2	IN	650-6120	SCR 10-32 3/8 DHI DH WE CE	EC9614	7.0000	EACH	
2	ĪN	650-6240	SCR 10-32 3/4 PHIL PH MC CC		9.0000	EACH	
? ? ? ?	IN	651-0435	RIVET POP AK 429 BS	Fracat	2.0000	EACH	
?	IN	652-0032	6-32 LOCK-VUT KEPS 511-061800-00	CC/071	7.0000	EACH	
2	IN IN IN IN	552-2005	8-32 X 3/8 PAN HD PHL MS SS SEMS SCR 10-32 3/8 PHIL PH MS SS SCR 10-32 3/4 PHIL PH MS SS RIVET POP AK 429 BS 6-32 LOCK-NUT KEPS 511-061800-00 4-40 LOCK-NUT KEPS SS 10-32 LOCK NUT KEPS SS 10-32 LOCK NUT KEPS #511-101800-50 WASHER, NO.4 NYLON 1/8 ID X 3/8 OD NO. 4 FLAT WSHR 1/8ID 1/400 WASH 6 -14110 -2530D SPLIT SS WASH 10 -203ID -4380D -032 FL SS		19-0000	EACH	
2	IN	652-6002	10-32 LOCK NUT (EPS #511-101900-50		4.0000	FACH	
2	I N I N	653-0003	WASHER, NO.4 NYLON 1/8 ID X 3/8 DD		12.0000	FACH	
2	ΙN	553-2001	NO. 4 FLAT WSHR 1/8ID 1/400		19.0000	EACH	
	ΙN	653-3003	WASH 6 .14110 .2530D SPLIT SS		3.0000	EACH	
?	IN	653-6900	WASH 10 -2031D -4380D -032 FL SS		5.0000	EACH	
?	IN	653-6001	WASH 10 .20310 .43800 .032 FL SS T T T T T T T T T T T T T T T T T T		.0000		

D-90

RUN DATE: 10/12/79

P4 GE 13

ASSEMBLY PART NUMBER 187-9237-WP- - ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED DUI DF <II(PRDD SIR)

POSITION IN STRJCTURE		PART NUMBER	DESCRIPTION		QUANTITY PER ASSY	U/4	IYL
2	IN	654-1006	#6 GROUND LUG #8 GROUND LUG #10 GROUND LUG 3/8" GROUND LUG HH SMITH 1497 HEYCO STRAIN RELIEF SR5P-4	Fracas	3.0000	EACH	
2	IN	654-1008	#8 GROUND LUG	FC961A	1.0000		
2	ĪN	654-1010	#10 GROUND LUG	CC7014	10.0000		
2	IN	654-1011	3/8" GROUND LUG HH SMITH 1497		2.0000	EACH	
2	IN	654-1238	HEYCO STRAIN RELIEF SRSP-4		1 1 1 1 1 1		
2	IN	654-1290	SNAP BUSH SB-1.000-12(1"HOLEX3/410)		1.0000	EACH	
1 2	IN		114/928 KEYBD ASSY 7365-1 KYBD MDL 81W (928) LABOR SUB-SYSTEMS LABOR QUALITY CONTROL 11SM1 MICRO SWITCH FOR CP-1 CM6833 AS15 CLEAR LAMP 1200 LAMPHOLDER B5776-895 7365 PCR KFYBDARD		1.0000		
2	IN	210-7365-1	7365-1 KYBD 4DL 81W (928)		1.0000		
3	IN	000-0001	LABOR SUB-SYSTEMS		1.4840		
3	IN	000-0011	LABOR QUALITY CONTROL		.2970		
3	IN	325-2305	11SM1 MICRO SWITCH FOR CP-1	EC9104	2.0000	EACH	
3	IN	370-0015	C46833 AS15 CLEAR LAMP		5.0000	EACH	
3	IM	370-1020	1200 LAMPHOLDER 85776-895		6.0000	EACH	
3	IN FS	510-7365					
		605-0017	TEFLON TUBING #28 TFT 200 NUT 6-32UNC HEX REG PAT WYLON	EC9570	1.0000	FEET	
3	IN	652-3002	NUT 6-32UNC HEX REG PAT NYLON		5.0000		
3	IN	654-0122	20 POS -100 HEADER 3M 3492-1002	EC8570	1.0000		
?	I N	325-2111	SLIDE SW.DOUBLE POLE 3 POS.MGW/0-77		1.0000	EACH	
-	IN	<b>452-1058</b>	PLATE BEARING (81W-WWP) C6531-SK013		1.0000	EACH	
2	ΙN	462-0020	CA SPACER KB 4-40 TAP A5316-M21		2.0000	EACH	
2	IN	550-0005	SLIDE SM-DOUBLE POLE 3 POS.MGM/O-77 PLATE-BEARING(81W-WWP) C6531-SK013 CA SPACER KB 4-40 TAP A5316-M21 SM WHT KEY STEM SM GRN KEY CAP KEY RETAINER B5900-32 KEY STEM-SMALL LIGHTED B6815-14 ND 46 INSERT GROUP C6856-2 4-40X1/4 FL HD PHL MS SARKERIZE 4-40X1/4 PAN HD PHL MS SS MAG. SEMS NUT 4-40UNC HEX REG PAT		1.0000	EACH	
2	FS	550-0006-5	SM GRN KEY CAP		7.0000	EACH	
2	IN	550-0013	KEY RETAINER 35900-32		7.0000	EACH	
2	IN	550-0068	KEY STEM.SMALL LIGHTED BER15-14		6.0000	EACH	
2	IN	550-0746	NO 46 INSERT GROUP C6856-2		1.0000	EACH	
2	IN	650-2082	4-40X1/4 FL HD PHL HS PARKERIZE		4.0000	EACH	
2	IN	550-2087	4-40X1/4 PAN HD PHL 45 SS MAG. SEMS		2.0000	EACH	
?		552-2000	NUT 4-40UNC HEX REG PAT SS		2.0000	EACH	
2	IN	653-2002	WASH 4 .12310 .26500 INT T ST		2.0000	EACH	
	IN	554-1209	WASH 4 .1251D .2650D INT T ST GROMMET 1/41D FOR 3/8HOLE 1/8PNL		5.0000	EACH	
1	P IN	279-5136-1	82 MECHANICAL FINAL ASSY(PRELM)		1.0000		
?	IN	220-1222	WIRE & LUG ASSY TYPE P103 D6482-12	EC9181		EACH	
3	P FS		WIRE 26 GA BLACK		•2100	FEET	
4	FS	500-3009	WIRE 26 GA WHITE		1.0000	FEET	
	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6		2.0000	EACH	
?	IN	220-3042	HEAD CABLE ASM 81 & 82 D6482-241	EC7923	1.0000	FACH	
3	IN	000-0004			4.1320		
3	I۷	000-0011			•8260		
3	FS	100-A000	010 104004 4000 14 0000 0 0044			FACH	
3	FS	420-0066	16 COND FLAT FLEX CABIF (A1)	EC9356	5.8300	FFFT	
3	IN	451-4498	BRKT.FLEX CABLE(81)C6631-276	_0,,00	1.0000	FACH	
3	FS IN IN	452-0077	PLATE CONNECTOR CLAMPING (81)6631272		1.0000	FACH	
7	1 /	452-2575	CLAMP PLATE FLEX CABLE (81) 36631 -274		2.0000	FACH	
3	IN	452-3545	SHIELD, MYLAP (81) 86531-384		1.0000	FA -	
3	I۷	452-4045	GUDE . FLEX CABLE (91) 86631-313		1.0000	FACH	
3	I٧	510-7263	7263 PRINTED CIRCUIT ROARD		1.0000	FACH	
7,	IN	510-7265	TYPE TO THE TELL THE		1.0000	EACH	

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE		COMPONENT Part number	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	INL
3	7.11	(50-2007	A A CANA A DAN HO DUI MC CC MAC OFMO				
3	1 N	550-2087	4-40x1/4 PAN NO POL NO 55 740 5575	500754	2.0000	EACH	
3	1 M	650-3121	SCR 6-32 378 PHIL FLAT H MS SS	EC9356	2.0000	EACH	
3	IN	550-3160	6-32 X 1/2 PAN HD PHL NS SS SENS	EC9356	3.0000	EACH	
3	IN	653-3002	WASH 6 .14110 .25000 .062 FL NYL	EC9356	1.0000	EACH	
3	IN	654-0104	CONN HEADER. 3 .100 1ROW STR PIN		3.0000	EACH	
3	IN	554-0106	CONN HEADER 6 .100 1ROW STR PIN		4.0000	EACH	
3	FS	660-0082	4-40X1/4 PAN HD PHL MS SS MAG. SEMS SCR 6-32 3/8 PHIL FLAT H MS SS 6-32 X 1/2 PAN HD PHL MS SS SEMS MASH 6 .141ID .2500D .062 FL NYL CONN HEADER. 3 .100 1ROW STR PIN CONN HEADER 6 .100 1ROW STR PIN FOAM TAPE 1/8 THK X 3/8 WIDE  PPR OUT & HARGIN SW.HARN.C6482-243 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 24 GA BLACK UL	EC9339	-3320	FEET	
2	IN	270-3091	PPR OUT & MARGIN SW.HARN.C6482-243	EC7923	1.0000	EACH	
3	IN	000-0004	SUB-SYSTEMS		-5000	EACH	
3	I٧	000-0011	LABOR QUALITY CONTROL		-1000		
3	PFS	600-2000	WIRE 24 GA BLACK UL	EC9461	4.3300	FEET	
•	FS	600-2009	SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 24 GA BLACK UL WIRE 24 GA WHITE UL WIRE 24 GA RED UL WIRE 24 GA WHITE UL		1.0000.	FEET	
3	PFS	600-2002	WIRE 24 GA RED UL		-8800	FEET	
4	FS	600-2009	WIRE 24 GA WHITE UL		1-0000	FEET	
3	P FS	(00-2080	UIDE 24 CA HUZDI V III	F004(1			
		600-2070	WIRE 24 OR WHITE HE	267461	3 - 3000	FEET	
	FS	800-2009	WIRE 24 DA WHITE OL		1.0000	FEEI	
3	PFS	600-3000	WIRE 26 GA BLACK		1.6600	FEET	
4	FS	600-3009	WIRE 24 GA WH/BLK UL WIRE 24 GA WHITE UL WIRE 26 GA BLACK WIRE 26 GA WHITE WIRE 26 GA RED WIRE 26 GA WHITE		1-0000	FEET	
3	PFS	600-3002	WIRF 26 GA RED		1-6600	FFFT	
3	FS	500-3009	WIRE 26 GA WHITE		1.0000	FEET	
3	FS	600-3009	WIRE 26 GA WHITE		1.6600	FEET	
3	FS	605-0109	TUBING NO 6 CLEAR	EC9461	3.1700	FEET	
3	FS	654-0082-R	TERMINAL FASTON .187X.020 PQ18R188M		4.0000	REEL	
3	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6	EC8495	7.0000	EACH	
3	IN	654-0103	•025 KEYING PLUG AMP 8707-2		1.0000	EACH	_
3	IN	654-0114	WIRE 26 GA WHITE TUBING NO 6 CLEAR TERMINAL FASTON .187X.020 PQ18R108M 30-26 GA CRIMP SNAP CONT A1P85967-6 .025 KEYING PLUG AMP 8707-2 CONN HSG 5-5 .100 2ROW		1.0000	EACH	
2	IN	279-5111	IDLER PULLEY BRKT ASSY B6631-11		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		.0060		
3	IN	000-0024	LABOR PREP AREA		.0280	EACH	
3	IN	451-4477	BRKT.IDLER PULLEY(LH)(81)86631-116		1.0000	EACH	
3	IN IN IN IN	461-3291	IDLER PULLEY 9RKT ASSY B6631-11 LABOR QUALITY CONTROL LABOR PREP ARLA BRKT.IOLER PULLEY(LH)(81)B6631-116 STUD.PULLEY MOUNTING(81)B6631-134	•	1.0000	EACH	
	IN IN IN IN		IDLER PULLEY ASSY B6631-12 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS BALL BEARING, KUBAR#SR4HH ABEC-3 PULLEY, CARRIAGE IDLER(81)C6631-127		2.0000	EACH	
3	Ĩ٩	000-0011	LABOR QUALITY CONTROL		.0260		
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		-1290		
3	TN	465-0009	BALL REARING KURARMSRAHH AREC-3		1-0000	FACH	
3	IN	478-0336	PULLEY CARRIAGE IDLER(81)C6631-127		1.0000	EACH	
?	IN IN IN IN	2/9-5114-1	CARRIER STEEL CABLE ASSY(82)6631-14		5 • 0000	EACH	
3	IN	000-0011	LABUR QUALITY CONTROL		.0140		
3	IN	000-0024	LABOR PREP AREA		•0700	EACH	
3	IN	458-0275	CARRIER CABLE END FITTING 36497-198		1.0000	EACH	
3	IN	465-0417	CJLLAR.CLUTCH CABLE(62)B6636-202		1.0000	EACH	
3	IN	465-0728	CARRIER STEEL CABLE ASSY(82)6631-14 LABOR QUALITY CONTROL LABOR PREP AREA CARRIER CABLE END FITTING 36497-198 COLLAR,CLUTCH CABLE(62)86636-202 BUSHING,CABLE(62)86636-149		1.0000	EACH	

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ASSEMBLY PART NUMBER 187-9237-WP- 187-9237-WP- 197-9237-WP- 197-9237-WP- 197-9237-WP- -

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN Structure	LEGEND 1 2 3		DESCRIPTION		QUANTITY PER ASSY	U/M	IML
2	IN	279-5115	CARRIAGE MOTOR ASSY 6631-15 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS CARRIAGE DR. MTR CA ASM 86482-240 SUB.SYSTEMS		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		-3480	LAUN	
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		1.7920		
3	IN		CARRIAGE DR. MTR CA ASM B6482-240	EC7923	1.0000	EACH	
•	IN	000-0004	SUB-SYSTEMS		-0650	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		-0130		
4	PFS	600-1000	WIRE 22 GA BLACK		-6600	FFFT	
5	PFS	600-1009	WIRE 22 GA WHITE		1.0000	FEET	
•	P FS		W-5				
•	FS	500-1009	MIRE 22 GA MHILE		•6600	FEET	
•	FS	503-1004	CABLE ITE PAN-IT PLITT-N		1.0000	EACH	
	IN	554-U12U-K	WE FURKLUG AMBER 20-26 GA (2K REEL)		2.0000	EACH	
4	FS	654-1148	SUCKET HOUSING 1-480318-0		1.0000	EASH	
•	r S	P34-1165-K	CARRIAGE DR. MTR CA ASM B6482-240 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 22 GA BLACK WIRE 22 GA WHITE  WIRE 22 GA WHITE CABLE TYE. PAN-TY PLTIM-M #6 FORKLUG AMBER 20-26 GA (2K REEL) SUCKET HOUSING 1-480318-0 SUCKET 30-22 GA(REEL)AMP 3500078-4		2.0000	EACH	
3	IN	580-0107	SENSOR & EMITTR ASM 81W/WWP 6631-49	EC7923	1.0000	EACH	
4	IN	380-0105	LED SENSOR ASM (81)		•0000	EACH	
•	IN	380-0106	LED SENSOR ASM (81) LED EMITTER ASM (81)		.0000	EACH	
3	IN	400-0034	MDTOR.CARRIER(81)86631-102 COVER.CARRIAGE ENCOR(81)D6631-214				
3	IN	449-0174	COVER-CARRIER CHERRARIA COM		1.00.0	EACH	
		451-4496	BRKT.ENCODER ADJUST(81)C6631-299		1.0000	EACH	
3	7 N	452-0070	PLATE - ENCODER 120 (81) C6631-210	EC7923	1.0000	EACH	
*	FS	452-2154	MASK, ENCODER (1204) C6631-106		1.0000	EACH	
3	IN	452-2573	CLAMP. ENCODER HUB (81) 86631-206	EC7923	1.0000	EACH	
3	IN	458-0375	CAD-FUCNOFD HIR 120(01) DB631-206	EC1723	1.0000	EACH	
3	ĪŸ	461-1036	FUCUS DISC. DITUTURE 1 4120 NOCCIT - 144		1-0000	EACH	
3	ÎÑ	461-3276	HOUST NE FACOULD TO THE FOR THE FOR		1.0000	EACH	
3	IN	461-3298	SCREN-FUCNER ADJUSTION IRECTIONS		1.0000	EACH	
3	IN	462-0283	CAP.ENCODER HUB 120(81)86631-209 ENCDR DISC.PRINTWHEEL(120)C6631-111 HOUSING.ENCODER(81)D6631-184 SCREW.ENCODER ADJUST(81)86631-253 SPCR .140 ID .250 OD .125 L RD F HUB.ENCODER 120(81)86631-211 DRUM.CARRIAGE(81)86631-280		1.0000 3.0000	EACH	
3	IN	465-1062	HU3-FNCODER 120(81)86631-211		1.0000	EACH	
3	IN	478-0341	DRUM-CARRIAGE (R1) R6631-280		1 0000	EACH	
3	IN	650-0002			2 0000	EACH	
3	IN	650-2087	4-40X1/4 PAN HD PHL MS SS MAG. SEMS	201725	2.0000	EACH	
3	IN	650-2168	4-40X1/4 PAN HD PHL MS SS MAG. SEMS 4-40 X 1/2 SOC HD CAP (BLACK)		1.0000	EACH	
3	IN	650-3121	SCR 6-32 3/8 PHIL FLAT H MS SS	FC9774	1.0000	EACH	
3	IN	550-3130	6-32 X 3/8 TRUSS HD PH MS CAD PL	EC9774		EACH	
3	IN	550-3319	SCR 6-32X1 PHL FLT HD	EC7923	4.0000	EACH	
3	IN	651-1507	PIN ROLL .125 DIA .750 LG SS		1.0000	EACH	
3	IN	651-1753					
3	IN	656-0107	SEAL . ENCODER 120(81)86631-204	201133	1.0000	EACH	
3	IN	660-0194	LOCTITE NO. 35	EC7923	.0010	EACH	
2	IN	279-5117-1	RTWR RING •125 SFT DIA EXT TYPE E SEAL • ENCODER 120(81)86631-204 LOCTITE NO. 35  U CHANNEL ASSY (82) LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS ARM & ROLLER STUD ASSY(L)86631-18 LABOR QUALITY CONTROL LABOR PREP AREA ARM • FEED ROLLER(81)C6631-142 STUD • ROLLER ARM MTG(81)86631-170				
3	IN	000-0011	I ADOD CHALTTY CONTROL		-1.0000	EACH	
3	IN	000-0011	LASON WUNLITT CUNTRUC		•1520		
3	IN	279-5110	ADM & DOLLED CTUD ACCVALABACES 40		• 7610	<b>540</b>	
<b>A</b>	IN	000-0011	IARDS CHAILTY CONTROL		1.0000	EACH	
4	IN	000-0011	IAROR PREP AREA		•0040	E 4 2 11	
•	IN	458-0378	ADM_EFFN DOLLED/01106631_140		•0170	EACH	
4	IN	461-3307	STUDAROUFR ARM MTG/01304621_470		1.0000	EACH	
•	4.4	102-0001	PIONAUGEET MAN MINISTAGEST-110		1.0000	EACH	

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE: 3: \*=TAGGED OUT OF KIT(PRDD STR)

POSITION IN STRUCTURE		COMPONENT Part Number	DESCRIPTION	E C N	QUANTITY PER ASSY	<b>P\</b> U	IML
3	IN	279-5118-1	ARM & ROLLER STUD ASSY(R)B6631-18		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0040		
4	IN	000-0024	LABOR PREP AREA		.0190	EACH	
4	IN	458-0378	ARMOFEED ROLLER(81)C6631-142		1.0000	EACH	
4	IN	461-3307	ARM & ROLLER STUD ASSY(R)B6631-18 LABOR QUALITY CONTROL LABOR PREP AREA ARM•FEED ROLLER(B1)C6631-142 STUD•ROLLER ARM MTG(B1)B6631-170		1-0000	EACH	
3	IN	279-5119	ARM & GUIDE STUD ASSY(L) B6631-19		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0040		
4	IN	000-0024	LABOR PREP AREA		-0190	EACH	
4	IN	459-0378	ARM.FEED ROLLER(81)C6631-142		1.0000	EACH	
4	IN	461-3308	ARM & GUIDE STUD ASSY(L) B6631-19 LABOR QUALITY CONTROL LABOR PREP AREA ARM•FEED ROLLER(81)C6631-142 STUD•PAPER GUIDE MTG(81)B6631-173		1.0000	EACH	
3	IN	279-5119-1	ARM & GUIDE STUD ASSY(R) B6631-19		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		-0040		
4	IN	000-0024	LABOR PREP AREA		.0190	EACH	
4	1 N	458-0378	ARM.FEED ROLLER(81)C6631-142		1.0000	EACH	
4	IN	461-3308	ARM & GUIDE STUD ASSY(R) B6631-19 LABOR QUALITY CONTROL LABOR PREP AREA ARM.FEED ROLLER(81)C6631-142 STUD.PAPER GUIDE MTG(81)B6631-173		1.0000	EACH	
3 3 3 3	IN	451-4483	BRKT.ROLLER ARM PIVOT(81)86631-190		1.0000	EACH	
3	IN	451-4485	BRKT.CAM PLT LOCATE(LH)(81)C6631187		1.0000	EACH	
3	IN	451-4486	BRKT.CAM PLT LOCATE(RH)(81)C6631187		1.0000	EACH	
3	IN	451-4494	BRKT.PAPER-OUT DETECT(82)D6631-479	EC8675	1.0000	EACH	
3	IN	452-2162	CHANNEL ROLLER ARM MTG(82)C6631-481		1.0000	EACH	
3 3	IN	458-0377	ARM.FEED ROLLER MTG(81)B6631-163		4.0000	EACH	
3	IN	458-0386	CAM FOLLOWER . PAPER REL(81)C6631-128		1.0000	EACH	
3	IN	458-0396	LEVER APER-OJT BRKT(81)C6631-283		1.0000	EACH	
3 3	IN	461-3277	ROLLER SHAFT.PLAT PRES(81)C6631-169		4.0000	EACH	
3	IN	461-3317	STUD.CAM FOLLOWER(81)B6631-286		1.0000	EACH	
3	IN	461-3321	ROD .CAM(82)86531-188		1-0000	EACH	
3 3	IN	461-3324	SHAFT ROLLER ARY PIVOT(82)C6631476		1.0000	EACH	
3	IN	461-3325	PIVOT.PAPER-DUT BRKT(81/2)B		2.0000	EACH	
3	IN	465-0734	BEARING .375 ID .078 LG 2 FLG NYL		3.0000	EACH	
3	IN	465-1647	EXT SPRING, ROLLER ARM(81)86631-244		4.0000	EACH	
3	IN	650-2120	4-40 X 3/8 PAN HD PHL MS SS SEMS		2.0000	EACH	
3	IN	650-2201	SCR 4-40 5/8 PHIL FLAT H MS SS		2.0000	EACH	
3	IN	650-4080	8-32 X 1/4 PAN HD PHL MS SS SEMS	EC8037	4.0000	EACH	
3	IN	551-1649	PIN.GROOVED 1/8 DIA X 3/4 LG TYPE D		4.0000	EACH	
3	IN	651-1724	RTNR RING .373 SFT DIA EXT GRIP-ON		2.0000	EACH	
3	IN	651-1728	RTNR RING .248 SFT DIA EXT GRIP-ON		2.0000	EACH	
3	IN	651-1735	C RING TRUARC 5133-18 MF		7.0000	EACH	
3	IN	653-0042	WASHER - NYLON(81)86631-304		2.0000	EACH	
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	IN	660-0577	BRKT-ROLLER ARM PIVOT(81)86631-173  BRKT-ROLLER ARM PIVOT(81)86631-190 BRKT-CAM PLT LOCATE(LH)(81)C6631187 BRKT-CAM PLT LOCATE(RH)(81)C6631187 BRKT-PAPER-OUT DETECT(82)D6631-479 CHANNEL-ROLLER ARM MTG(82)C6631-481 ARM-FEED ROLLER TG(81)B6631-163 CAM FOLLOWER-PAPER REL(81)C6631-128 LEVER- APER-OUT BRKT(81)C6631-283 ROLLER SHAFT-PLAT PRES(81)C6631-169 STUD-CAM FOLLOWER(81)B6631-286 ROD-CAM(82)B6531-188 SHAFT-ROLLER ARM PIVOT(82)C6631476 PIVOT-PAPER-OUT BRKT(81/2)B BEARING .375 ID .078 LG 2 FLG NYL EXT SPRING-ROLLER ARM(81)B6631-244 4-40 X 3/8 PAN HD PHL MS SS SEMS SCR 4-40 5/8 PHIL FLAT HMS SS 8-32 X 1/4 PAN HD PHL MS SS SEMS PIN-GROOVED 1/8 DIA X 3/4 LG TYPE D RTNR RING .373 SFT DIA EXT GRIP-ON RTNR RING .248 SFT DIA EXT GRIP-ON RTNR RING .258/4023	EC8675	3.0000	EACH	
2	IN IN IN IN IN IN	279-5120-1	PLATEN ASSY(82)		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL		•0450		
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		•2250		
3	IN	279-5121	LOCATOR BUSH & BEARING ASY 6631-21		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		.0040		
4	IN	000-0024	LABOR PREP AREA		•0200	EACH	
4	IN	465-0255	BEARING .3135 ID .250 LG BRZ	•	1.0000	EACH	
4	IN	465-0733	PLATEN ASSY(82) LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS LOCATOR BUSH & BEARING ASY 6631-21 LABOR QUALITY CONTROL LABOR PREP AREA BEARING .3135 ID .250 LG BRZ BUSHING.PLATEN LOCATOR(81)36631-159	1	1.0000	EACH	

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ASSEMBLY PART NUMBER 187-9237-WP- -ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part Number	CONC. VERNIER (MOLDED) (81) C6631-120 CONC. VERNIER (81) (MOLDED) C6631-143 PLATEN. RDP (82) C5631-172 DISC. TO KNOB DRESS B5300-1094 GEAR. VERNIER (81) D6631-144 GEAR. TRACTOR FEED 32P/54T B6631-338 PLUNGER. VERNIER CLUTCH (81) B6631-118 NEEDLE BEARING TORR B-59 SPRING. VERNIER CLUTCH (81) B6631-245 SPRING. KNOB LECTRAW3200 10-24 X 1/4 CONE PT SET SCR (BLACK) PIN. VERN CLUTCH ACTUATE (81) B6631158 RTWR RING .312 SFT DIA EXT CRESCEN WASHER. VERNIER (81) B6631-119  PLATEN PLATE ASSY (RH) 6631-22 LABOR GUALITY CONTROL LABOR PERIPHERAL SYSTEMS PLATEN PLATE PREP (RH) 6631-23 LABOR QUALITY CONTROL LABOR PREP AREA PLATE. PLATEN (RH) (81) D6631-167 HANGER. PAPER BAIL SPRING B6631-154 PIVOT. PAPER BAIL SPRING B6631-155 PIVOT. PLATEN LATCH (81) B6631-160  KNOB. PAPER RELEASE (81) D6631-147	E C N	QUANTITY PER ASSY	U/M	IML	* *
3 3 3 3 3 3 3 3 3 3 3 3 3	IN	449-0156	KNOB.PLATEN(MOLDED)(81)C6631-120		2.0000	FACH		
3	IN	449-0157	CONE + VERNIER (B1) (MOLDED) C6631-143		1.0000	FACH		
3	IN	459-0382	PLATEN+RDP(82)C5631-172		1.0000	FACH		
3	IN	461-1032	DISC+-70 KNOB DRESS B5300-1094		2.0000	FACH		
3	IN	461-2022	GEAR + VERNIER (81) D6631-144		1-0000	FACH		
3	IN	461-2025	GEAR TRACTOR FEED 32P/54T 86631-338	EC7755	1.0000	EACH		
3	IN	461-3300	PLUNGER . VERNIER CLUTCH(81)36631-118	201133	1-0000	EACH		
3	IN	465-0262	NEEDLE BEARING TORR 8-59		1-0000	EACH		
3	IN	465-1648	SPRING. VERNIER CLUTCH (81) B6631-245		1.0000	EACH		
3	IN	465-1653	SPRING.KNOB LECTRA#3200		4 0000	EACH		
3	IN	650-5080	10-24 X 1/4 CONE PT SET SCRERLACKS		3 0000	EACH		
3	IN	651-1647	PINOVERN CLUTCH ACTUATE (81)86631188		1 0000	CACH		
3	1 N	651-1733	RING -312 SET DIA FYT CRESCEN		1.0000	EACH		
3 3	IN	653-0041	WASHER-VERNIER (A1) B6631-119		1.0000	CACH		
3 3 3 4 4 4 4					1.0000	EALH		
2	IN	279-5122	PLATEN PLATE ASSY (RH) 6631-22			E 4 6 11		
3	IN	000-0011	LABOR QUALITY CONTROL		10000	EALH		
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		4D(0			
3	IN	279-5123	PLATEN PLATE PREP (RH) 6631-23		1 0000	E 4 C 11		
4	IN	000-0011	LABOR QUALITY CONTROL		1.0000	LACH		
4	IN	000-0024	LABOR PREP ARFA		•0060	<b>546</b>		
4	IN	452-0069	PLATE PLATENCEHO CRIODECTI-167		•0580	EACH		
4	IN	458-0517	HANGER-PAPER RATI SPRING DECEMBER	F07766	1.0000	EACH		
4	IN	461-3303	PIVOT-PAPER DATE SPRING DEGITION	EC//55	1.0000	EACH		
4	IN	461-3304	PIVOT-DIATEN LATCHEDIA DECENTATO		1.0000	EACH		
			LIAMINICA CHICHIGIA DERZI-IRA		1.0000	EACH		
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	IN	449-0170	KNOB.PAPER RELEASE(81)D6631-147 BRKT.PLATEN FACT ADJ(RH 81)C6631156 MP-70 FORMAT CONTROL STOP 36615-138 LATCH.PLATEN(RH)(81)C6631-164 LINK.PAPER-OUT 3R <t(81)b6631-267 .016="" .062="" .174id="" .188="" .3750d="" 1="" 2="" 3="" 4="" 511-081800-50="" 6-32="" 78="" 8="" 8-32="" cap="" clevis="" dia="" e="" eccentric.platen="" ext="" fl="" hd="" ibm="" keps="" knob(81)b6631-136="" lock-nut="" ms="" off="" pan="" phl="" pin="" pivot.paper="" plate(81)36631-140="" rel="" ring="" rtnr="" scr="" sems="" sft="" soc="" ss="" ss<="" td="" type="" w="" wash="" x=""><td></td><td>1.0000</td><td>FACU</td><td></td><td></td></t(81)b6631-267>		1.0000	FACU		
3	IN	451-4482	BRKT.PLATEN FACT ADJURH 81306631156		1.0000	EACH		
3	IN	458-0295	MP-70 FORMAT CONTROL STOP 36615-138	FC7923	1.0000	EACH		
<b>3</b> ·	IN	458-0384	LATCH.PLATEN(RH) (81) C6631-164	201723	1.0000	EACH		
3	IN	458-0385	LINK.PAPER-OUT BRKT(R1)R6631-267		1 0000	CACH		
3	IN	461-3052	CLEVIS PIN IRM WOFF/78		1 0000	EACH		
3	IN	461-3302	PIVOT - PAPER REL KNOR (R1) R6631 - 136		1 0000	EALH		
3	ΙN	461-3309	ECCENTRIC.PLATEN PLATF (81)36631-140	FCR037	1 0000	CACH		
3	IN	650-3134	SCR 6-32 3/8 SOC CAP HD MS SS	EC7233	1.0000	EACH		
3	IN	650-4080	8-32 X 1/4 PAN HD PHI MS SS SEME	FC7023	1.0000	EACH		
3	IN	650-4160	8-32 X 1/2 PAN HD PHL 45 SS SENS	201723	2 0000	EACH		
3	IN	551-1712	RING AIRS SET DIA FAT TYPE F		1 0000	EACH		
3	IN	651-1752	RING -062 SET DIA FYT TYDE		10000	EACH		
3	IN	652-0029	8-32 LOCK-NUT KFPS 511-081900-50	F C 7 9 2 2	2.0000	EACH		
3	IN	653-4000	WASH 8 -17417 -37500 -016 EL CC	661723	1.0000	EACH		
2 3 3 3 4 4 4 4			2 21 413 43 300 4019 FE 33		2.0000	EACH		
2	IN	279-5124	PLATEN PLATE ASSY (LH) 6631-24		1.0000	EACH		
3	IN	000-0011	LABOR QUALITY CONTROL		_0070	CAUT		
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		-1360			
3	IN	279-5125	PLATEN PLATE PREP (1H) 6631-25		1.0000	EACH		
4	IN	000-0011	LABOR QUALITY CONTROL		10000	LAUM		
4	I٧	000-0024	LABOR PREP AREA		•0060	F 4 C		
4	I٧	452-0068	PLATE . PLATEN(LH) (81) D6631-167		1 0000	EACH		
4	IN	458-0517	HAVGER PAPER BAIL SPRING REGRITATES	FC77EE	1 0000	EACH		
4	I٧	461-3303	PIVOT-PAPER BATL ARMERIANCE TILE	201199	1.0000	EACH		
4	IN	461-3304	PIVOT-PLATEN LATCHERIS REGITATION		1.0000	EACH		
			PLATEN PLATE ASSY (LH) 6631-24 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS PLATEN PLATE PREP (LH) 6631-25 LABOR QUALITY CONTROL LABOR PREP AREA PLATE, PLATEN(LH) (81) D6631-167 HANGER, PAPER BAIL SPRING 86631-154 PIVOT, PAPER BAIL ARM(81) 86631-155 PIVOT, PLATEN LATCH(81) 86631-160		1.0000	EACH		

ASSEMBLY PART NUMBER 187-9237-WP- ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

### LEGEND

1: P=PHANTOM; 2: ITEM MASTER DELY CODE: 3: ... = TAGGED OUT OF KIT (PROD STR)

POSITION IN STRUCTURE		COMPONENT Part Number			PER ASSY	·	
3	IN	279-5126	PAPER FEED MTR ASSY 6631-26 LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS		1-0000	FACH	
Ĭ.	IN	000-0011	I ABOR QUALITY CONTROL		-0160	CA 011	
,	ÎN	000-0011-	I AROR PERIPHERAL SYSTEMS	-	.0790		The state of the s
À	ĪN	279-5145	PAPER FEED HTR & PLUG ASM B6631-48	FC7923	1-0000	EACH	*
· 5	IN	000-0004	SUR-SYSTEMS	201720	-1160	FACH	THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN
5	IN	000-0011	LARGE CHALLTY CONTROL		- 0230	EXCA	
5	IN	\$00-0011-	STEPPER MOTOR D-MERINCECTI-11A		1.0000	FACH	
5	FS	654=0102=R = =	SUB-SYSTEMS LABOR QUALITY CONTROL STEPPER HOTOR P-H(81)C6631-114 30-26 GA CRIMP SNAP CONT AMP85967-6		A . 0000	EACH	
5	IN	654-0103	- 025 KEYING PING AND 8707-2		1 - 0000	EACH.	
5	ÎN	654-0107	•025 KEYING PLUG AMP 8707-2 Cown HSG 6 •100 1row		1.0000	CACH	
J		634-010/	CJ4M H30 B \$100 IRUM		1.0000	EACH	The state of the s
•	IN	461-2023	SEAR . IDLER (81) C6631-141		1.0000	_EACH_	
4	IN	461-3306	STUD.IDLER GEAR(81)86631-135		1.0000	EACH	
4	IN	461-3310	ECCENTRIC.IDLER GEAR(81)86631-161		1.0000	EACH	
4	IN	478-0337	NUT-IDLER GEAR(81)86631-252		1.0000	EACH	
4	IN	652-6002	SEAR.IDLER(81)C6631-141 STUD.IDLER GEAR(81)B6631-135 ECCENTRIC.IDLER GEAR(81)B6631-161 NUT.IDLER GEAR(81)B6631-252 10-32 LOCK NUT (EPS #511-101800-50		1.0000	EACH	and the second second
3	IN	451-4481					
3	IN	452-4043		•	1.0000	FACH	Constitution to the second of
3	IN	45R-0295	MP-70 FORMAT CONTROL STOP R6615-138	FC6821	1-0000	FACH	
3	ĪN	458-0383	MP-70 FORMAT CONTROL STOP 96615-138 LATCH-PLATEN(LH)(81)C6631-164	200022	1-0000	FACH	· · · · · · · · · · · · · · · · · · ·
3	IN	461-3309	FCCFNTRIC -PLATFY PLATF(R1)36631-140	FCR037	1-0000	FACH	
3	IN	650-3134		EC6831	1 - 0000	EACH	
3	IN	650-4080	R-RO W 1/A PAN NO DHI NG SG SENG		2-0000	EACH	
3	IN	650-4160	A-32 X 1/4 FAN HD FHE 13 33 JEHS		E 0000	CACH	
3	IN	651-1712	DIND DING 100 CET NIA CVI TVOE E		1 0000	EACH	
3	IN	551-1752	8-32 X 1/4 PAN HD PHL MS SS SEMS 8-32 X 1/2 PAN HD PHL MS SS SEMS RTNR RING .188 SFT DIA EXT TYPE E RTNR RING .062 SFT DIA EXT TYPE E WASH 8 .174ID .3750D .016 FL SS		2 0000	EACH	••
3	IN	653-4000	UACH A 17AIN 37500 .014 CL CC		E 0000	CACH	
J	111	833-4000					
2	IN	279-5127	CARRIAGE ASSY 6631-27		1.0000	EACH	
3	IN	000-0011	LABOR QUALITY CONTROL Labor Peripheral Systems		-8810		
3	IN	000-0021	LABOR PERIPHERAL SYSTEMS		4.4060		
3	IN	220-1179	D15C DK MIK CA 45M C6482-245	EC7923	1.0000	EACH	
4	IN	000-0004	SUB-SYSTEMS		•0980	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		•0200		
4	P FS	600-3000	WIRE 26 GA BLACK		•5800		
5	FS	500-3009	WIRE 26 GA BLACK WIRE 26 GA WHITE		1.0000	FEET	
4	FS				•58UO	FEET	
4	FS	654-0102-8	30-26 GA CRIMP SNAP CONT AMP85967-6		2.0000	EACH	
4	IN	654-0103	.025 KEYING PLUG AMP 8707-2		1.0000		
4	IN	654-0105	CONN HSG 3 .100 1ROW		1.0000		
4	FS	654-0136-R	WIRE 26 GA WHITE 30-26 GA CRIMP SNAP CONT AMP85967-6 .025 KEYING PLUG AMP 8707-2 COMN HSG 3 .100 IROW SEE 654-0137-R	EC9496	1.0000	EACH	
3	IN	279-5128	CARRIAGE BRKT PREP 6631-28		1.0000		
4	IN		IAROS DUNI FACE DOST-20		•0120		
4	IN	000-0011	LABOR QUALITY CONTROL LABOR PREP AREA		0 = 0 0	FACU	
Δ	IN	451-4574	BRKT.CARRIAGE (82) D6631-179 STUD.PULLEY MOUNTING(81)B6631-134 BUSHING.DISC MTR BRKT(81)B6631-148	57755	1 0000	EACH	
Δ	IN	441-1201	CTIO.DILLEY MOUNTING (01 NDC/31-17)	LC//33	1.0000	EACH	
Δ	IN	A65=0731= = =	DIIGHTHG DICC MID DONITOGIOCCIA-140		1 - 00 0 0	EACH	
7 A	IV	451-16A6	PIN.DISC MOTOR LATCH(81)86631-153		1 0000	CACH	
7	1.4	031-1046	ET#4012C UDIOM FMICHERIARP21#122		1.0000	LAUH	

ASSEMBLY PART NUMBER 187-9237-WP- -ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT DF KIT(PROD STR)

POSITION IN STRUCTURE			DESCRIPTION E C V	QUANTITY PER ASSY	U/4 I4L
2	FS *	279-5139	CARTRIDGE ASSY. MULTI-STRIKE 6631-39	1.0000	EACH
3	IN	000-0011	LABOR QUALITY CONTROL Labor prep area	•0200	
3	IN	000-0024	LABOR PREP AREA	•1000	EACH
3	IN	449-0160		1.0000	EACH
3	TN	449-0161	CARTRIDGE BOTTOM.RIBBON E6631-193	1.0000	
3	IN IN	449-0162	CARTRIDGE BOTTOM.RIBBON E6531-193 INSERT.FEED SPOOL(81)B6631-200 SPOOL.TAKE-UP (WHITE) B6631-201	1.0000	
		149-0163-9	SPOOL TAKE-UP (WHITE) 86631-201	1.0000	
3 3	IN	465-1/51-	BUSHING.TAKE UP 81W B6631-906 EC9181	1.0000	
3	IN IN	660-0030	SPRING RIBBON TENSION (81)86631-235		
3	IN	660-0558	RIBBON.MULTI-STRIKE (B1) C6631-37 EC6989 PAD.CARTRIDGE B6631-324		
3	IN			6.0000	
-		000-002/	PAD "B" CARTRIDGE 36631-907 EC9181	1.0000	LACH
2	IN In	279-5150	81W RIBBON PLATFORM ASM 6631-59 EC8132	1.0000	FACH
3	IN	220-1178	E.D.R.& RIBBON SEL CA ASH C6482-244	1.0000	EACH
4	IN	000-0004	SUB-SYSTEMS	•3780	EACH
4	IN IN P FS	000-0011	LABOR QUALITY CONTROL	•0760	
	P FS	500-3000	WIRE 26 GA BLACK	1.3300	FEST
5	FS	600-3009	WIRE 26 GA WHITE	1.0000	FEET
	P FS	600-3002	WIRE 26 GA RED	-4000	FEET
5	FS	P00-3009	WIRE 26 GA WHITE	1.0000	FEET
4	E 9	600-3000	UTDE 24 CA UNITE	4000	
4	FS P FS	600-3009	WIRE 26 GA WHIRE	•4000	FEET
	FS	600-3009	UIRF 26 GA UNITF	1 0000	FEET
•			BIW RIBBON PLATFORM ASM 6631-59 ECB132 E-O-R-& RIBBON SEL CA ASM C6482-244 SUB-SYSTEMS LABOR QUALITY CONTROL WIRE 26 GA BLACK WIRE 26 GA WHITE  WIRE 26 GA WHITE  WIRE 26 GA WHITE  WIRE 26 GA WHITE  WIRE 26 GA WHITE  WIRE 26 GA WHITE  WIRE 26 GA WHITE  WIRE 26 GA WHITE	1.0000	FEEI
4	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-5 •025 KEYING PLUG AMP 8707-2 CONN HSG 5 •100 1ROW	5.0000	EACH
4	IN	654-0103	.025 KEYING PLUG AMP 8707-2	1.0000	
4	IN	654-0107	CONN HSG 5 .100 1ROW	1.0000	
3	IN	279-5132		1-0000	EACH
•	IN	000-0011	LABOR QUALITY CONTROL	•0110	
•	IN In	000-0024	LABOR PREP AREA	-0530	EACH
4	IN	458-038/	STOP+RIBBON LIFT SOL(81)B6631-285 PLATFORM+CARTRIDGE(81)E6631-281 PIVOT+CART SENSOR BRKT(81)B6631-294 RIVET+POP 3/32X1/4 STL SO34H EC8132 RIVET+S/TUB, 1/16X5/16 DH-STL R3700 EC6821	1.0000	EACH
7	IN	461-3326	PLAITURM#CARIRIUGE(81)E5531-281	1.0000	EACH
•	IN	451-0462	PINCT DOD 3/3041/A CTI COSAU CCOSE	1.0000	EACH
4	IN	651-0463	PINET-S/THR 1/1645/16 DM-STI DEFON FC6001	2.0000	EACH Each
4	IN	651-1032	STUD 4-40 -250 CL FLUSH HEAD SS FC7923	2.0000	EACH
4	IN	652-0070	STUD 4-40 .250 CL FLUSH HEAD SS EC7923 NUT 5-32 .055 UP CLINCH LKG ST	1.0000	
3	IN	279-5133	DRIVER PLATE PREP 6631-33 LABOR QUALITY CONTROL LABOR PREP AREA PLATE+DRIVER WELD C6631-430 EC9181	1.0000	EACH
4	IN	000-0011	LABOR QUALITY CONTROL	-0040	• •
4	IN	000-0024	LABOR PREP AREA	•0190	EACH
4	IN	452-0121	PLATE DRIVER WELD C6631-430 EC9181	1.0000	EACH
4	IN	461-3294	SHAFY SPINE DRIVER(81)86631-215	1.0000	EACH
4	IN	461-3312	STUD. IDLER GEAR DRIVE (81)86631-266	1.0000	EACH
3	TN	270-5134	AT-113 WOOD DOULED DAILED		E 4 6 14
4	T N	000-0011	TAROR DITALL MODI DEST-SA	1-0000	EACH
4	IN	000-0021	SPIKE DRIVER ASSY 6631-34 Labor Quality Control Labor Peripheral Systems	•0150 •0730	
7	4.4	000.0021	CHOOK CONTRICARE STOTERS	•0130	

MROOBO-A MULTI-LEVEL BILL OF MATERIAL AS OF

RUN DATE: 10/12/78

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ASSEMBLY PART NUMBER 187-9237-WP- -ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3	- · · · · · · · · · · · · · · · · · · ·	DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IML
3	IN	279-5129	PRINT YOKE & BEARING ASSY 6631-29		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		-0040	LAGI	
4	IN	000-0024	LABOR PREP AREA			EACH	
•	IV	450-0107	YOKE PRINT SOLENOID (MACH) C6631-291	EC6753	1-0000	EACH	
4	IN	465-0254	BEARING+SOL ARY PIVOT(81)85631-175	EC9321	2.0000	EACH	
3	IN	279-5131	CARRIAGE PULLEY ASSY 86631-31		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL Labor Peripheral Systems		•0040	2	
•	IN	000-0021	LABOR PERIPHERAL SYSTEMS		.0190		
•	IN	465-0009	BALL BEARING - KUBARNSRAHH ABEC-3		1.0000	EACH	
4	IN	479-0339	PULLEY . CARRIAGE (81) C6631-132		1.0000	EACH	
3	IN	279-5135	DISK DRIVE MTR ASSY 6631-35		1.0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL	EC9774	•0600		
4	IN	000-0021	LABOR PERIPHERAL SYSTEMS		-3000		
<b>,</b> 5	IN IN	277-5202	HUB & TAB ASSY 51	EC9774	1.0000	EACH	
5	IN	458-0590	TABOPRINTWHEEL TYPE B 81W 96631-707		1.0000	EACH	
-1	110	<b>+65-1115-</b>	HU3.PRINTWHEEL TYPE B 81W 86631-708		1.0000	EACH	
4	I٧	400-0036	MOTOR . PRINT WHEEL (81) C6631-263		1.0000	EACH	
4	IN	551-1501	B*** BB**	EC7547			
3	IN	279-5146	HAMMER SOLENDID & PLUS ASH 86631-46	507077			
4	IN	000-0004			1-0000	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		•1270 •0250	EACH	
4	IN	320-0055	COIL, PRINT SOLENDID 36631-309		1.0000	EACH	
4	FS	654-0102-R	30-26 GA CRIMP SNAP CONT AMP85967-6		2.0000	EACH	
4	IN	654-0105	CONN HSG 3 .100 1ROW		1.0000	EACH	
3	IN	380-0107	SENSOR & EMITTE ASM 81W/WWP 6631-49	FC8675	1.0000	EACH	
4	I٧	380-0105	LED SENSOR ASM (81)	200015	•0000		
4	ΙN	380-0106	LED EMITTER ASM (A1)		•0000	EACH	
3	I٧	449-0158	RETAINER.FELT(81)C6631-150		4.0000	EACH	
3	IN	449-0173	COVER.DISC ENCODER(81)D6631-297	EC8037	1.0000	EACH	
3	ΙN	450-0111	MUJNIDUSC MTR CASTING(82)=6631-490	EC8675	1.0000	EACH	
3	IN	451-4484	PRKT+HAMMER HOUSING MTS(R1)36631195		1.0000	EACH	
3 3	IN	451-4495	BRKT.CARD GUIDE MTG(81)D6651-203 BRKT.ENCODER ADJUST(81)C6631-299		1.0000	EACH	
7	IN IN	451-4496	RRKT.ENCODER ADJUST(81)C6631-299		1.0000	EACH	
3	IN	451-4640	BRKT PEARING MOUNT (LOWER) 26531-393	EC8037	1.0000	EACH	
3	IN	451-4544 451-4681	BRKT CARRIAGE SEARING MTG 26531-394	EC8037	1.0000	EACH	
₹	ΙN	452-0076	BRKT+ CL INDICATOR 81W C6631-412	EC8675	1.0000	EACH	
3	FS	452-2157	PLATE . ENCODER HSG MOUNT (A1) C6631296 MASK . ENCODER (96W) C6631-109		1.0000	EACH	
3	11	45?-2605	CLAMP . ENCODER WIRES 81W 36631-716	C C D 7 C 4	1.0000	EACH	
3	IN	452-4044	GUIDE + CARD(81) 26631-1197	CC7/59	5.0000	EACH	
3	ΙN	459-0373	ARM+PRINT SOLENJOICENJOHLD)D6631178		1.0000	EACH	
3	IN	458-0376	CAP PRINTHHL ENCOR HUR(81)36631-228		1.0000 1.0000	EACH Each	
3,	1 4	459-0398	HAMMER.PRINT(81)36631-213		1.0000	EACH	
3	I۷	458-0399	ACTUATOR + CARR PHOTO CELL81 96631131		1.0000	EACH	
5	IN	453-0521	HANGER SPRING C5531-792	EC8037	1.0000	EACH	

ASSEMBLY PART NUMBER 187-9237-WP- ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF <IT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT PART NUMBER	DESCRIPTION	E C N	QUANTITY PER ASSY	U/H IMI
. 3	IN	458-0571	LATCH DISC MOTOR(81W) C6631-439	EC9181	1.0000	EACH
3	IN	458-0586	LAMINATION STACK BIW/WWP B6631-43		1.0000	EACH
. 3	IN	458-0587	STOP DAISY WHEEL BIN 96631-447		1.0000	EACH
3	IN	458-0588	WASHER, FAN ISOLATION 81W B6631-704		1.0000	EACH
3	IN	461-1039	ENCOR DISC.PRINTWHEEL (96) C5631-110	20/020	1.0000	EACH
3	IN	461-3276	HOUSING DENCODER (81) D6631-184		1.0000	EACH
. <b>3</b>	IN	461-3283	HOUSING, PRINT HAR(81) (MOLD) C6631189		1.0000	EACH
3	IN	461-3289	HOUSING CARR BEARNG(81) MLD C6631171		1.0000	EACH
<b>4</b>	FS	465-0257	BEARING - SLEEVE - 502 B6631-335 (81)	200001	2.0000	EACH
7		403-0237	DERNING SECENT #502 DOBSI-555 (DI)		2.0000	LAUN
3	IN	461-3290	ARMATURE INSERT(81)86631-176		1.0000	EACH
3	IN	461-3293	SHAFT DISC MOTOR PIVOT(81)36631-149		1.0000	EACH
3	IN	461-3296	ECC.SOL ARM STOP(81)86631-196		1.0000	EACH
3	ÎN	461-3297	ECC.DISC MTR LATCH PIVOT 86631-185		1.0000	EACH
3	IN	461-3298	SCREW-ENCODER ADJUST(81)86631-253		1.0000	EACH
3	ĪN	461-3323	SCREW BEARING HSG HT(81)B6631-292		2.0000	EACH
3	FS	462-0284	STDF 6-32 •375LG CL TRU TRD AL		5.0000	EACH
3	IN	462-0296	SPACER DAISY MOTOR(81) 86631-376	EC9039	2.0000	EACH
3	IN	462-0328	SPACERODISC MOTOR 81W B6631-376	EC9039	1.0000	EACH
. 3	IN	465-0015	BALL BEARING DBL SHLD .500 OD.	EC9096	2.0000	EACH
3	FS	465-0257	BEARING • SLEEVE • 502 B6531-335 (81)	EC8675	5.0000	EACH
	IN		BUSHING CARR CASTING (81) B6631-212	EC8132	5.0000	EACH
3	IN	465-0732 465-0928	TD 23 FAST FORWD SPRNG B5900-614 P4			
3	IN		HUB.PRINTWHEEL ENCODER(81)86631-225	20031	1.0000	EACH Each
3	IN		EXT SPRING CAM FOLLOW (81)96631-290	EC8675	1.0000	EACH
	IN			20073	1.0000	
3	IN		EXT SPRG, ARM RETURN 86631-330			EACH Each
3			SPRING.COMP HAMMER(81)86631-322	CC0 7 01	1.0000	
3	IN IN	465-1687 478-0386	SPRING .187 DD .625LG .022DIA EXT	EC8037	1.0000	EACH
3 3	IN		ROLLER,CARRIASE B6631-86 MOUNT BEARING B6631-397	EC8037	1.0000	EACH
3	IN		STUD BEARING BRAT MTG B6631-396		1.0000	EACH
3	IN	478-0388 478-0389	PIN. BEARING MTG 86631-395	EC8037 EC8037	1.0000	EACH Each
3	IN		SCR 0-80X1/4 RD HD SLOTTED	EC7923	2.0000	EACH
	IN	650-0002				
3		650-0004	SCREW-1-64 X 3/16 SLT PAN HD SS	EC7923	2.0000	EACH
3	IN	650-3121	SCR 6-32 3/8 PHIL FLAT H MS SS 6-32 X 1/2 ALLEN HD CAP MS NYLOK	EC8037	3-0000	EACH
3	IN	650-3165			2.0000	EACH
3	IN.	651-0031	4/20X1/4 SLOTTED PAN HD STEEL PLAST		1.0000	EACH
3	IN	651-1650		EC6517	1-0000	EACH
3	IN	651-1702	RTNR RING .156 SFT DIA EXT TYPE E	F07007	1.0000	EACH
3	IN	651-1719	RING .250 SFT DIA EXT TYPE E	EC7923	1.0000	EACH
3	IN	651-1727	RTNR RING .250 SFT DIA EXT CRESCEN		1.0000	EACH
3	IN	651-1753	RTNR RING .125 SFT DIA EXT TYPE E	EC6738	1.0000	EACH
3	IN	652-0025	NUT 4-40 .052 .039 CLINCH ST		2.0000	EACH
3	IN	652-3005	6-32 LK NUT ESNA 22 NTM-62	EC6517	3.0000	EACH
3	IN	553-2000	NO. 4 FLAT WASHER	50/543	2.0000	EACH
3	IN	655-0014	CAPLUG RH-06(SCR HD SNAP ON COVER)	EC6517	5.0000	EACH
3	IN	655-0257	BUMPER DAISY WHEEL 81W C6631-717		1.0000	EACH
3	IN	656-0013	"O" RING 3/16 ID 5/16 OD .070W	EC7923	2.0000	EACH
3	IN	655-0106	WIPER RING, CARR SHAFT (81)86631-133		4.0000	EACH
3	FS	660-0086	RUBBER"U"CHANNEL 1/8W 1/16 ID GR231		•1000	FEET
3	IN	660-0521	732 BRAKE SHOE (PAD) B6403-217	EC8132	1.0000	EACH

ASSEMBLY PART NUMBER 187-9237-UP- ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN Structure	LEGEND 1 2 3	PART NUMBER			QUANTITY PER ASSY	U/4	IML
4	FS	458-0374	SPIKE . R 1393 V DRIVER (81) C6631-218		2.0000	EACH	
4	IN	462-0331	SPACER SPIKE DRIVER BIW 36631-440	EC9296	3.0000		
4	IN	465-1064	HUB.DRIVER (81) C6631-217	EC7755	1.0000	EACH	
3	IN	279-5147			1.0000	EACH	
•	IN	000-0004	SUR-SYSTEMS		.3790	EACH	
4	IN	000-0011	LABOR QUALITY CONTROL		-0740	LACT	
4	IN	900-0038	STEPPER MOTOR (81) RIBRON C6631-248		1.0000	FACH	
4	FS	554-0102-R	30-26 GA CRIMP SNAP CONT AMPRESANT-6		4-0000	FACH	
4	IN	659-0103	.025 KEYING PLUG AMP 8707-2		2.0000	FACH	
4	IN	654-0107	CONN HSG 6 .100 1ROW		1.0000	EACH	
3	7.11	705 0700	RIBBON MTG & PLUG ASM  SUB-SYSTEMS LABOR QUALITY CONTROL STEPPER MOTOR(B1)RIBBON C6631-248 30-26 GA CRIMP SNAP CONT AMP85967-6  025 KEYING PLUG AMP 8707-2 CONN HSG 6 .100 1ROW  SWITCH, BURGESS V4T7Y1 PHOTO SWITCH, END OF RIB B6631-316 PHOTO SWITCH, END OF RIBBON  GUIDE, DRIVER PLATE(B1)B6631-226				
3	IN IN	325-2309	SWITCH BURGESS VAITAI		1.0000	EACH	
3	IN	375-2100-A	PHOTO SWITCH END OF RIB B6531-516		1.0000	EACH	
	1.44	2/2-2108	SHOLD SMILCHIEND OF KIRRON		1.0000	EACH	
3	I N I N I N I N I N	449-0165	PHOTO SWITCH, END OF RIB B6631-316 PHOTO SWITCH, END OF RIBBON  GUIDE, DRIVER PLATE(81) B6631-226 BUSHING, MOTOR(81) (MOLDED) B6631-257 CLIP, CARTRIDGE (81) D6631-321 INDICATOR, RIBBON C6631-321 INDICATOR, RIBBON C8631-321 INDICATOR, RIBBON C8631-325 LATCH, LOCK (81W) C6651-437 702 NUT PL MARGIN SWITCH 5776-487 IDLER GEAR, DRIVER PLATE(81) B6631-233 SHAFT, RIGHT CARTG CLIP(81) B6631-233 SHAFT, RIGHT CARTG CLIP(81) B6631-234 HINGE, CARTRIDGE CLIP(RH81) C6631-227 HINGE, CARTRIDGE CLIP(RH81) C6631-227 HINGE, CARTRIDGE (LH981W C6631-324 SPRING, RIBBON MOTOR(81) B6631-328 SPRG, CARTRIDGE CLIP R8631-317 SPRG, CARTRIDGE CLIP B6631-317 SPRG, CARTRIDGE CLIP B6631-319 SPRG, CARTRIDGE CLIP B6631-319 SPRG, CARTRIDGE CLIP B6631-320 NUT, CART POSITION B6631-328 CAP, BLACK(62) HEAD ADJ ARM B6636-218 SCREW, N1-64 X 1/4 FLT HD SLOTTED SS 2-56 X 7/16 PAN HD PHL MS SS SEMS 2-56 X 7/16 PAN HD PHL MS SS SEMS 2-56 X 7/16 PAN HD PHL MS SS NAG, SEMS RTNR RING .094 SFT DIA EXT TYPE E 5133-12PP SNAP RING RTNR RING .156 SFT DIA EXT RTNR RING .156 SFT DIA EXT RTNR RING .156 SFT DIA EXT RTNR RING .156 SFT DIA EXT RTNR RING .156 SFT DIA EXT RTNR RING .158 SFT DIA EXT		1.0000	EACH	
3	IN	449-0167	BUSHING • MOTOR (81) (MOLDED) B6631-257		1.0000	EACH	
3	IN	449-0172	CLIP,CARTRIDGE(B1)D6631-221		2.0000	EACH	
3	IN	451-4499	BRKT.END OF RIBBON C6631-321		1.0000	EACH	
3	IN	458-0397	INDICATOR, RIBBON(81)86631-295		2.0000	EACH	
3	IN	458-0569	LATCH+LOCK (91W) C6631-437	EC9181	1.0000	EACH	
3	IN	461-0063	702 NUT PL MARGIN SWITCH 5776-487		1.0000	EACH	
3	IN IN	461-2024	IDLER GEAR+DRIVER PLATE(81)86631229		1.0000	EACH	
3	IN	461-3313	SHAFT LEFT CARTG CLIP(81)B6631-233		1.0000	EACH	
3	IN	461-3314	SHAFT RIGHT CARTS CLIP(81)36531-2		1.0000	EACH	
3	IN In	461-3316	SHAFT+RELEASE ARM(81)96631-234		1.0000	EACH	
3	IN	465-0823	HINGE + CARTRIDGE CLIP(RH81)C6631-227		1.0000	EACH	
3	IN	465-0842	HINGE • CARTRIDGE (LH) 81W C6631-434	EC9774	1.0000	EACH	
3 3	IN	465-1652	SPRING RIBBON MOTOR (81) 86631-258		1.0000	EACH	
3	IN IN IN	465-1656	SPRG. CART INDICATOR B6631-317		1.0000	EACH	
3	IN	165-155/	SPRG. CART RETURN BB631-31B		1.0000	EACH	
3	IN IN IN IN IN IN IN	465-1658	SPRG CARTRIDGE CLIP B6631-319		2.0000	EACH	
3	1 N	465-1659	SPRGO DRIVER RELEASE 86631-320		1.0000	EACH	
3	TN	550-0067-	UNITED AND ADDRESS OF A DEC. 10 AND ADDRESS OF		1.0000	EACH	
3	TM	650-0003	COPEN-MI-CA V 1/A ELT UD CLOTTED CO		1.0000	EACH	
3	TAI	650-0003	STUDY A TAN ON THE DATE WE SE SEME		1.0000	EACH	
3	114	650-0140-	2-20 v 1/4 LMA AD DAT WG 32MC CLWC		4.0000	EAUH	
3	TN	650-2044	CCB A_AO 1/0 COC CAD UD MC CC		2.0000	EACH	
3	TN	650-2007-	A-ANYIZA DAN UN DUI ME CE MAC CEME		2.0000	EACH	
3	ĪN	651-1700	PIND DING OGA CET DIA CVT TVDC C		2.0000	CACH	
3	IN	651-1701	5133-1200 CNAD DING		7.0000	EACH	
3	IN	651-1755	RING SING STATES		1.0000	EACH	
3	IN	651-1756	RING TING 1-060 CFT DIA EXT		1.0000	EACH	
3	ĪV	652-0990	NUT 2-56UNC HEY BEG DAT		A.0000	EACH	
3	ĪN	652-2000	NIT AMADING HER REG FAT CC		1.0000	EACH	
3	ĪN	553-0128	SHIM USHR TARES IN A TONE THE CO	Fragae	1.0000	EACH	
3	ĪN	553-0990	NO. 2 INT TIK WASHER	72 70	A . 0000	FACU	
3	IN	553-2001	NO. 4 FLAT USHR 1/RTD 1/ADD		2.0000	EACH	
3	ĪN	553-2002	WASH 4 .12310 .26500 INT T ST		1-0000	ETCH	
3	IN	554-1295	CABLE CLAMP RICHCO HUC-2 ADV BACK	EC9774	4.0000	EACH	

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MB0080-A MULTI-LEVEL BILL OF MATERIAL AS OF

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ASSEMBLY PART NUMBER 187-9237-WP- ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT DF KIT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3			DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	IML
2	IN	279-5151-		SD FRAME (LH) & BEARING ASH 6631-61	EC8132	1.0000	EACH	
3	IN	000-0011-		LABOR QUALITY CONTROL		.0020		
3 3	IN IN	000-0021- 000-0024-		LABOR QUALITY CONTROL LABOR PERIPHERAL SYSTEMS LABOR PREP AREA SIDE FRAME(LH)(81)D6631-168 BEARING •252 ID •250 LG 1 FLG BRZ		-0100		
3	IN	451-3858-		CIDE EDAME() WY(DIND(CII-1/D		•0200	EACH	
3	IN	465-0232-		DEADING .252 IN 250 10 1 510 007		1.0000		
J	4 14	403-0232-		DEWRING #252 ID #250 LG 1 FLG BRZ		1.0000	EACH	
2	IN	279-5152-		SD FRAME(RH) & BEARING ASM 6631-60	EC8132	1.0000	EACH	•
3	IN	000-0011-		LABOR QUALITY CONTROL LABOR PREP AREA SIDE FRAME(RH)(81)D6631-168 BEARING •252 I) •250 LG 1 FLG BRZ		.0070		
3	IN	000-0024-		LABOR PREP AREA		•0350	EACH	
3	IN	451-3859-	<b>-</b>	SIDE FRAME(RH)(81)D6631-168		1.0000	EACH	
3	IN	465-0232-				1.0000	EACH	
2	IN	279-5156-		ROLLER ASSY 6631-58	FC0000	4.0000		
<b>5</b>	IN	465-1057-		MILER ASSI BEST TO COMMON CARALINA	EC8270	2.0000	EACH	
3	ÎN			BUILER-DADED RATE REEST-220		1.0000	EACH	
3	IN	656-0108-		RING-BATI ROLLFR(R1)B6631-219		1.0000	EACH	
-	• • •			HUS.PAPER BAIL ROLLER(81)B6631-207 ROLLER.PAPER BAIL B6631-220 RING.BAIL ROLLER(81)B6631-219		1.0000	LACI	
2	IN	325-2460-M		SWITCH.PAPER OUT(HODIFIED)6631-329	EC8037	1.0000	EACH	
3	IN	325-2460-		SWITCH.PAPER DUT (B6631-329)		1.0000	EACH	
•	• 21	775-0107		OPB1249-1 SLOTTED OPTICAL SWITCH				
2	IN In	375-2107- 400-1003-		FAN MUFFIN M747 MARK IV RETAINER.NUT(81)(MOLDED)C6631-262 KNOB.COPY CONTROL(81)D6631-147 TRAY.FRONT BASC(82)E6631-483	C00404	2.0000	EACH	
2	IN	443-0169-		PETATUED NUTTERINGUAL IV	FCAIRI	1.0000	EACH	
2	IN	449-0171-		KNOB-CODY CONTROL (81)DCC21-147		10.0000	EACH	
2	IN	451-1229-		TRAY-FRONT RASF(R2)F6631-AR3		1.0000	EACH	
2	ĪN	451-2183-		COVER + KEYBOARD(BIW/WWP) C6531-SK014	FC9526	1.0000	EACH	
2	IN						EACH	
2	IN			BRKT.CARRIAGE CELL MTG(81)96631-121		2.0000	EACH	
2	IN	451-4492-			EC8037	1.0000	EACH	
2	IN	451-4642-		BRKT+CHASSIS MTG (RH) C6631-485	EC8037	1.0000		
2	IN	451-4643-		BRKT CHASSIS MTG (L.H.) C6631-486	EC8037	1.0000	EACH	
2	IN				EC9501	1.0000	EACH	
2	IN	452-2574-		CLAMP.FLEX CABLE(81)86631-284 CLAMP.FLEX CABLE 86631-400		1.0000	EACH	
2	IN	<b>452-2595-</b>		CLAMP.FLEX CABLE 86631-400	EC8037	1.0000	EACH	
2	IN	452-2602-					EACH	
2	IN	452-4043-		GUIDE.PLATEN PLATE(81)86631-138	EC7923	2.0000	EACH	
2	IN	-				1.0000	EACH	
2	IN			ARM, PAPER BAIL (RH) (81) D6631-145		1.0000	EACH	
2	IN	458-0401-		DEFLECTOR .PAPER (82) 06631-482		1.0000	EACH	
2	IN In			LATCH (81W) C6631-438	EC9181	1.0000	EACH	
2	IN	458-0582- 458-0603-		SPCR SHOCK MT 81W/WWP B6631-SK114			EACH	
2	IN			81W/81WWP STRAP GROUND 96631-903 NUT PLATE PAPER SW(62)B6636-222 STUD IDLER PULLEY(ADJ)(81)B6631-125 ECCENTRIC PLATEN PLATE(81)B6631-140 ECCENTRIC COPY CONTROL(81)B6631-162	EC7273	4.0000	EACH	
2	IN	461-3292-		CTHO. 101 FR DHILFVIAD.1318152424 426	C C B B / 5	1.0000	EACH	
2	IN	461-3309-		FCCFNTRICAPIATEN PLATERRIDAGIATA	FCAN37	1-0000	EACH	
2	IN	461-3311-		ECCENTRIC COPY CONTROL (81)86631-140	20031	2.0000	EACH	
2	IN	461-3319-		SHAFT COPY CONTROL (82)86631-137		1.0000	EACH	
2	ÎN	461-3320-		ROD . PAPER BAIL (82) 86631-157		1.0000	EACH	
2	IN	461-3322-		SHAFT.CARRIAGE GUIDE (82)86631-254		2.0000	EACH	
2	IN	462-0246-		ECCENTRIC.COPY CONTROL (81)86631-162 SHAFT.COPY CONTROL (82)86631-137 ROD.PAPER BAIL (82)86631-157 SHAFT.CARRIAGE GUIDE (82)86631-254 SPACER WASHER 86497-392	EC8037	4.0000	EACH	
							-	

ASSEMBLY PART NUMBER 187-9237-WP- ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

POSITION IN STRJCTURE	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/M	IHL
2	IN	462-0321	SPACER CIRCUIT BD 5/8"	EC9181	4.0000	EACH	
2	IN	465-0938	SPRING. FORSION 35776-249	EC8037	2.0000	EACH	
2	IN	465-1645	EXTENSION SPRING.LATCH(81)36531-237		2.0000	EACH	
2	IN	465-1646	EXT SPRING.PLATEN PLATE(81)86631238		2.0000	EACH	
2	IN	465-1649	SPRING, COPY CATAL DINT(81)36631-208	20.,,20	1.0000	EACH	
2	IN	465-1654	SPRING.CABLE(81)C6631-117		1.0000	EACH	
2	I٧	465-1655	EXT SPRING, CAM FOLLOW(81)86631-290		1.0000	EACH	
2	IN	465-1686	SPRING.LATCH RETURN B6631-433	EC9181	1.0000	EACH	
2	IN	478-0338	NUT.BASE TRAY MTG(81)86631-236		10.0000	EACH	
2	IN	478-0423	STUD+LATCH(81W) 96531-435	EC9181	1.0000	EACH	
2	IN	478-0426	STOP, PAPER BAIL 36631-448	EC9181	2.0000	EACH	
2	IN	478-0431	STOP+SHIPPING 81W/WWP B6631-SK024	EC9526	4.0000	EACH	
2	IN	478-0432	GUIDE CHAS TUBE 81W/WWP 86631-909	EC9526	2.0000	EACH	
2	IN	615-0401	FISH PAPER RBN CABLE 36631-417	EC8132	1.0000	EACH	
2	IN	615-1357	LABEL WARNING HEAD SHIELD C6611-91		1.0000	EACH	
2	IN	615-1399	LBL+10/12 PTCH SCALE 81WWP D6611-94		1.0000	EACH	
2	IN	650-2060	4-40 X 3/16 PAN HD PHL MS SS SEMS	EC8037	2.0000	EACH	
2	IN	650-2083	4-40 X 1/4 PAN HD PHL MS BK DX		4.0000	EACH	
2	IN	650-2087	4-40X1/4 PAN HD PHL MS SS MAG. SEMS	EC8037	2.0000	EACH	
2	IN	650-2121	SCR 4-40 3/8 PHIL FLAT H MS SS		2.0000	EACH	
2	IN	650-3080	6-32 X 1/4 PAN HD PHL MS SS SEMS		5.0000	EACH	
2	IN	650-3160	6-32 X 1/2 PAN HD PHL MS SS SEMS	EC8037	2.0000	EACH	
2	IN	650-3200	SCR 6-32 5/8 PHIL PH MS SS		3.0000	EACH	
2	IN	650-3204	6-32X5/8 FL HD PHL MS PARKERIZE	EC8037	1.0000	EACH	
2	IN	650-3240	SCR 6-32 3/4 PHIL PH MS SS		2.0000	EACH	
2	IN	650-4061	8-32 X 3/16 SOC SET SCREW BK OX	EC8037	2.0000	EACH	
2	IN	650-4080	8-32 X 1/4 PAN HD PHL MS SS SEMS	EC8037	8.0000	EACH	
` 2	IN	650-4120	8-32 X 3/8 PAN HD PHL MS SS SEMS		4.0000	EACH	
2	IN	550-4121	SCR 8-32 3/9 PHIL FLAT H MS SS	EC8037	4.0000	EACH	
2	IN	650-4130	8-32X3/8 SOC SET CUP POINT BLK OX	EC8037	1.0000	EACH	
2	IN	650-4160	8-32 X 1/2 PAV HD PHL +S SS SEMS		1.0000	EACH	
2	IN	650-4324	DISC 8-32 X 1 SOCKET HD MS	EC8037	1.0000	EACH	
?	IN	650-4401	SCR 8-32 1 1/4 PHIL FLAT H MS SS		1.0000	EACH	
2	IN	650-6088	SCR 10-32X1/4 FL HD MS 1000EG MS SS	EC7755	6.0000	EACH	
2	IN	650-6119	10-32%3/8 L FLAT HD SC 100 C*SINK		6.0000	EACH	
2	IN	650-6163	10-32 1/2 SOC HD CAP MS BK OX	ECB037	10.0000	EACH	
2	ΙN	550-5155	10-32 X 1/2 CJP PT. ALLEN SET SCREW		10.0000	EACH	
?	IN	650-9046	HEX-SOCKET SHOULDER SCREW 1/4DX3/8L		4.0000	EACH	
2	IN	651-1727	RTVR RING .250 SFT DIA EXT CRESCEN	EC8037	2.0000	EACH	
2 .	IN	552-3000	NUT 6-32UNC HEX REG PAT SS		2.0000	EACH	
2	IN	653-2000	NO. 4 FLAT WASHER	EC8037	1.0000	EACH	
2	IN	653-3000	WASH 6 .14910 .37500 .016 FL SS	20000	5.0000	EACH	
2	IN	653-4000	WASH 8 .17410 .37500 .016 FL SS		2.0000	EACH	
2	IN	553-6000	WASH 10 .20310 .4380D .032 FL SS		2.0000	EACH	
2	IN	653-6001	WASH 10.20410 .38100 INT T ST	EC8037	1.0000	EACH	
2	IN	555-0242	BJMPER.CARRIAGE(81)MINOR # Z3-6003	200001	2.0000	EACH	
2	ĪN	555-0247	SHOCK MOUNT (81) GREENE RUBBER555-107	EC8037	4.0000	EACH	
1	IN	279-5153	81 WWP BOTTOM COVER ASM		1.0000	EACH	
?	IN	451-1238	PAN, BOTTOM (81WWP) E6631-SK100		1.0000	EACH	
2	IN	650-6160	10-32 X 1/2 PAN HD PHL MS SS SEMS	EC9526	4.0000	EACH	
2	IN	650-9049	SCREW+KNURLED SLOT HEAD		2.0000	EACH	

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ASSEMBLY PART NUMBER 187-9237-WP- -ASSEMBLY DESCRIPTION 114 PRINTER WANG WIDE PLATEN

LEGEND
1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: +=TAGSED OUT DF <IT(PROD STR)

POSITION IN STRUCTURE	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/4	IML
2	IN	651-0239	RECEPTACLE.CLIP ON		2.0000	EACH	
2	IN	652-6002	10-32 LOCK NUT KEPS #511-101900-50	EC9526	• 0000	EACH	
2	IN	655-0205	BUMPER . WHITE W2096SW	EC9526	4.0000	EACH	
1	IN	279-5155	81MWP TOP COVER ASM		1.0000	EACH	
2	IN	325-0027	SWITCH.CHEAT INTERLOCK CH#E69-30A		1.0000	EACH	
2	IN	450-0904	WANG NAME TAG C6815-97	EC9526	1.0000	EACH	
2	IN	451-2948	CVR.FRVT.TOP WELD(81WWP)D6631-SK041		1.0000	EACH	
2	IN	451-2952	CVR TP WLD(BOSSES)81WWP E6631-SK106		1.0000	EACH	
2 2 2	IN	451-2956	CVR.KNOB SHFT LG CUTOUT B6631-SK032		2.0000	EACH	
2	IN	451-4702	BRKT.CVR HINGE(B1W/WWP) C6631-SK051		2.0000	EACH	
2	IN	452-2352	PLT.FNSH SYGL SLT(81W)SSC6631-SK053	EC9321	1.0000	EACH	
2	IN	452-4057	GUIDE • EDGE (81) 86631-351		1.0000	EACH	
2	IN	458-0459	PPR SCALE SCRVD WOL 82 20*C6631-362		1.0000	EACH	
8	IN	458-0475	RACK+COVER(82) D6631-493		1.0000	EACH	
? 2 ?	IN	458-0577	WRAP+CNTR(WELD)81WWP C6631-SK111	EC9321	1.0000	EACH	
	IN	451-3349	ROD.EDGE GUIDE (82) 86531-356		1.0000	EACH	
2 2 2	IN	462-0322	SPACER.CLIP.BAR(BIW/WWP B6531-SK036	EC9321	2.0000	EACH	
2	IN	462-0329	SPACER CLIP MTG BIW/WWP B6631-SK029	EC9321	2.0000	EACH	
2	IN	465-0843	HINGE + PIN(81W/81WWP) B6631-SK101	EC9321	2-0000	EACH	
2	IN	465-1669	SPRING, EDGE GUIDE (81) 86631-378		1.0000	EACH	
2	IN	478-0430	PIN CLIP CTR WRAP B6531-SK115	EC9321	2.0000	EACH	
2	IN	650-0083	2-56 X 1/4 PAN HD PHIL MS SS SEMS	EC9526	4.0000	EACH	
2 2 2	IN	650-2120	4-40 X 3/8 PAN HO PHL 45 SS SEMS -		2.0000	EACH	
2	IN	550-3124	6-32 X 3/8 TRUSS HD PHL MS SS	EC9526	2.0000	EACH	
2	IN	650-3161	SCR 5-32 1/2 PHIL FLAT H MS SS		2.0000	EACH	
2	IN	650-4123	8-32X3/8 TRUSS HD PHL MS SS	EC9526	2.0000	EACH	
2 2 2	IN	551-0240	CATCH+ACCESS COVER	EC9321	5.0000	EACH	
2	IN	652-0032	6-32 LOCK-NUT KEPS 511-061800-00	EC9526	10.0000	EACH	
	IN	652-0990		EC9526	4.0000	EACH	
2	IN	652-2000		EC9526	12.0000	EACH	
2 2 ?	IN	652-3005	6-32 LK NUT ESNA 22 NTM-62	EC9526	4.0000	EACH	
2	IN	653-0990	NO. 2 INT T LY WASHER	EC9526	4.0000	EACH	
2	ĪN	653-2002		EC9526	10.0000	EACH	
2	IN	653-3000	WASH 6 .14910 .37500 .016 FL SS		15.0000	EACH	
2	IN	553-3003		EC9526	5.0000	EACH	
•	• •		A ATATTA ACADAN ALPII 22	LU7320	5.0000	LAUM	

END OF REPORT MB0080-A

# APPENDIX E

### **CUSTOMER ENGINEERING DIVISION**

### APPENDIX E

### 7549 PRINTER JUNCTION BOARD ADDENDUM

The purpose of this addendum is to provide a reference for the printer junction boards used with the System 5 Word Processor. This addendum should be considered the most expedient source; as the information contained within shall not be found in any other publication.

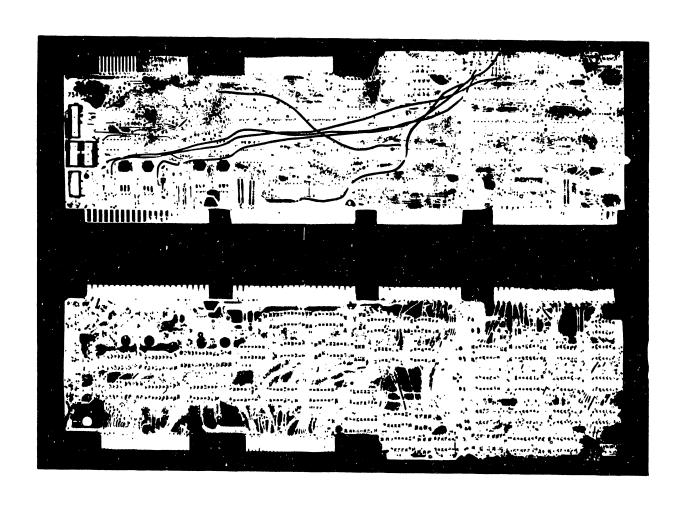
The major contents of this addendum are:

- \* GENERAL DESCRIPTION
- \* THEORY OF OPERATION
- \* INSTALLATION
- \* APPENDIX A
  TABLE OF MNEMONICS
- \* APPENDIX B

  CABLE AND EDGE CONNECTOR

  CONFIGURATION TABLE
- \* APPENDIX C
  PRINTER COMMAND WORD TABLE
- \* APPENDIX D
  PRINT PACKAGE
- \* APPENDIX E
  BILL OF MATERIALS





7549 PRINTER JUNCTION BOARD

### GENERAL DESCRIPTION

Because the System 5 Word Processor uses a parallel interface for its printer, a junction board is needed to route signals to and from the 'master' (main CPU). In the 928 Word Processor System, I/O requirements are met by the 7446 I/O board which is part of the printer 'slave'. The System 5 does not use the slave concept though control signals are identical. All control signals arrive, via cable, from hardware located on the 7411 board in the System 5 master and enter the printer I/O board.

This was originally handled by the 7314 junction board which was later replaced by the 7449 junction board. Outdated schematics of these are found in the System 5 Preliminary Maintenance Manual. Logic was added to the 7449 to run the Twin Sheet Feeder and ECN's were performed.

The first printer junction board, the 7314, was simply a method of terminating the cable from the master with something that could plug into the I/O slot on the printer motherboard. It utilized one circuit; an oscillator to drive the printer alarm speaker.

When the Twin Sheet Feeder was attached to the System 5 printer, it became necessary to provide a larger junction board (7449) with logic to control the feeder. The method of cable termination was also changed; the cable now plugging into a connector at the rear of the printer. As a money saving measure, two loadings of this board were produced. The 7449 was partially loaded and the 7449-1 was fully loaded to run the feeder. This is the method currently used in both the 5541D and the 5541W/WC printers.

The Shared Printer Option allows the customer to connect two System 5's with a printer and reassign the printer to either system by flipping a switch. The added logic needed to accomplish this would not fit on a 7449 so, a larger board, the 7549, was designed. The 7549 contains all of the older functions plus the new multiplexing circuitry.

### Printer Interface

The master instructs the printer by means of a 12-bit (DA1A-DA12A) word and various strobe signals. Four strobes are used with a fifth strobe for the Twin Sheet Feeder.

The master also controls the five keyboard lamps on the printer (excluding POWER), the ribbon lift function (currently used on Diablo only), and the printer alarm oscillator. There is a seperate line in the cable dedicated to each of these functions.

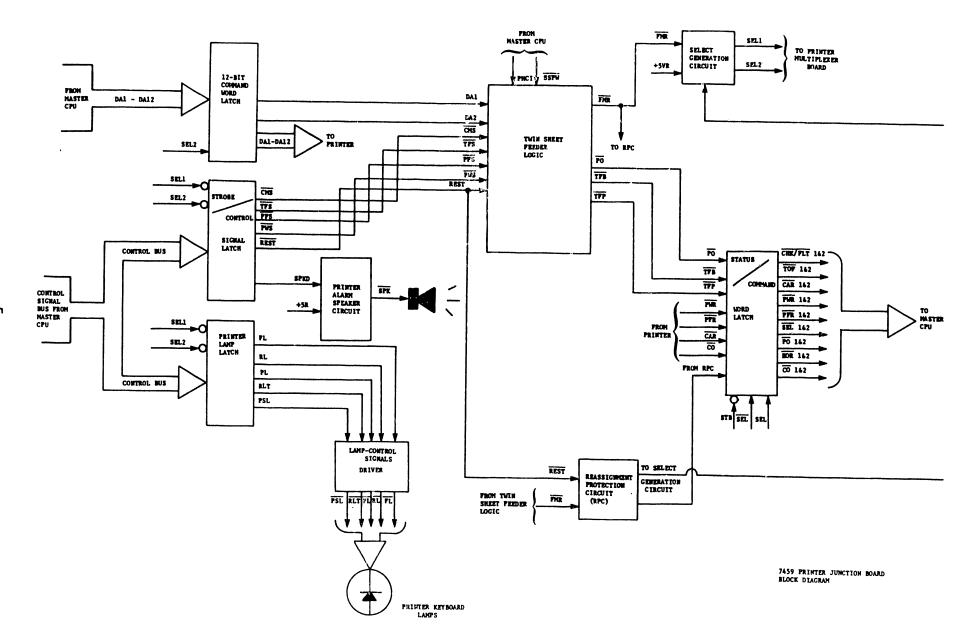
The printer must <u>also</u> communicate with the master. There are Ready/Busy lines for Paper Motion, Carriage Movement and Printwheel Movement so the host CPU knows when to send the next instruction. Other status lines include Out of Paper, Fault, End of Ribbon, Top of Form, Cover Open, Select and, Printer Ready.

### Twin Sheet Feeder Logic

The Twin Sheet Feeder (TSF) is controlled thru the use of the 2 lowest bits of the 12-bit word and a strobe called "Twin Feeder Strobe". Setting one of these bits, followed by a strobe, causes the feeder to attempt a paper feed. The bit that is set determines which hopper the sheet of paper is drawn from. The feeder sends two status signals back to the master. One is a "Twin Feeder Present" signal, that is true when the feeder is connected to the printer; and the other is a "Twin Feeder Busy" signal, that indicates when a sheet of paper has been fed into position.

### Control Sequence:

1. The System 5 master sets DA1A or DA2A and does an OUT OE which generates a Twin Feeder Strobe.



S

- 2. Twin Feeder Strobe does three things:
  - a. Latches in the feed request indicated by the data bit set.
  - b. Clears the Paper Out latch.
  - c. Triggers the 10 sec. Timeout 1-Shot.
- 3. Once the feed request is latched, the corresponding motor driver is enabled. This signal also sets one of the <a href="Brake">Brake</a> Enable Latches.
- 4. The feeder trys to feed a sheet from the indicated hopper into the platen area of the printer while the 10 sec. clock is running.
- 5. If a sheet is fed to the platen and carried around, it will block the photocell.
- 6. The blocked photocell produces a signal that will:
  - clear the Twin Feeder Busy signal that is fed back to the System
     5 master,
  - b. and fires the Restore Feeder 1-Shot.
- 7. The pulse from the <u>Restore Feeder 1-Shot</u> fires the enabled <u>Brake 1-Shot</u> and, at the same time, produces a printer Restore signal cancelling the platen roll that is taking place.
- 8. The <u>Brake 1-Shot</u> enables the opposite motor driver for a few milliseconds. This causes the feed rollers in the hopper to clear the sheet of paper. The paper is then stopped and free of drag.
- 9. At the end of the brake pulse, the <u>Feed Complete 1-Shot</u> fires. This signal clears the <u>Brake Enable Latch</u> and the <u>Feed Request Latch</u>. This is the end of a normal feed cycle.
- 10. If the feeder attempts to feed paper and is unsucessful, the 10 Sec.

  1-Shot times out and fires the Out Of Paper 1-Shot. This results in the setting of the Paper Out Latch and the resetting of the Feed

  Request Latch.

### Multiplexer Logic

The multiplexer circuit is made up of data selectors which direct all signals between the master and printer.

A latch, formed by L32, generates the Sel and Sel signals that control the data selectors. When enabled, the state of this latch may be changed by actuating the toggle switch mounted on the printer case.

Latches L16, L17 and, L18 are used to select the incoming 12-bit command word. The associated strobes and alarm control signal are selected by either L27 or L30. Signals to control the printer keyboard lamps and the ribbon lift function are routed through L9 or L10.

Status and command signals from printer to master are handled in the same manner. Ready/Busy lines, Select and Top of Form commands and the Check/Fault line are selected by either L35 and L36 or by L19 and L31. The Paper Out, Cover Open, End of Ribbon and, Feeder status lines are not selected but are made available to both connected masters at all times.

There are two special purpose circuits contained within the multiplexer logic section of the 7549 junction board. The first is made up of L12, L13 and, L37 that simulates a Check/Fault after a printer power-up or reassignment. This fools the software into doing a Restore operation enabling the master to find out where the printer carriage and printwheel are. The second circuit uses L6, L12, L21, and L33 to prevent reassignment of the printer after a paper feed has started. This is accomplished by preventing the select latch from being enabled, even though the toggle switch may have been thrown, until the carriage moves away from the center of the platen after a paper feed is a complete.

### INSTALLATION

The 7549 is available for System 5's of any model and may be used with the Wang or Diablo Daisy Printer. Software release 2.6 is the first general release to support this option. Early installations of this option should include a special software diskette.

### Installation Procedure:

- 1. Disconnect the 50-pin ribbon cable from the 7449 (-1) PCB.
- 2. Remove the connector plate with cable from the rear of the printer.
- 3. a) On the 5541D, install the dual connector plate with cables attached.
  - b) On the 5541W (WC), remove the single connector from the single connector plate and install two cables on the dual connector plate.
  - c) Install the dual connector plate.
- 4. Replace the 7449 (-1) PCB with the new 7549 PCB.
- 5. Install the switch cable assembly with 4 pin Molex to the 7549 PCB.
  - a) On the 5541D, the switch will be mounted in the front vent.
  - b) On the 5541W (WC), the switch will be mounted in the left side vent.
- 6. The switch assembly contains a switch mounted in a black plate to be installed from the inside of the printer. A white plate with two threaded studs attached is to be installed from the outside, forming a sandwich with the switch plate on the vent slots. The red wire on the switch should be in the same direction as the label 1 and the brown wire in the direction of the label 2. Both lables are clearly marked on the white plate. The cables from the masters should then be installed so that system 1 will be connected to the left connector and system 2 will be connected to the right connector; when viewed from the front of the printer.

7. If the printer is fitted with a Twin Sheet Feeder (TSF), connect the 6 pin Molex connector from the TSF jack to the 7549 PCB. A 5541D also requires the connection of the 3 pin Molex plug carrying power for the TSF motor.

Once installed, the printer may be assigned to one of the two systems by repositioning the toggle switch on the printer. If the printer is deselected while printing is in progress, it may be assigned to the other system. When it is returned to the first system and reselected, it will continue where it left off.

Reassigning the printer while printing is taking place causes unpredictable results and may result in a loss of character(s) and/or carriage position. If this should accidently happen, do a Top of Form before reselecting the printer. With the Twin Sheet Feeder in place, reassigning the printer results in a Top of Form that brings a clean sheet of paper into the platen.

### Spare Parts Kits

5541D	5541W(WC)
OPTION P/N 177-9269	OPTION P/N 177-9314 (177-9324)
KIT: 200-2301 contains	KIT: 200-2300 contains
220-1292 Switch Cable Assembly 210-7549 Printer Mux. PCB 220-3072 Dual Conn. Plate w/Cables	220-1292 Switch Cable Assembly 210-7549 Printer Mux. PCB 452-0522 Dual Conn. Plate 220-3069 50 Pin Ribbon Cable

In addition, an extra 50 pin printer cable may be needed to connect the second system to the printer. The part number for this 12' cable is 220-0198. If you wish to extend this cable you may use the 25' extender (120-2114-25) or the 50' extender (120-2114-50). But, the 12' cable must still be used to make the proper connections.

### Updates

A recent ECN (12146) has added circuitry to prevent transistor failure in the TSF logic. This should bring the E Rev. of the 7549 PCB from 0 to 1. Special software released to support this option is 2.4B, 2.4I or 2.5.

APPENDIX A
TABLE OF MNEMONICS

## APPENDIX A TABLE OF MNEMONICS

DA 1A  DA 12A	12-Bit Command word from master.
CMS	Carriage Motion Strobe.
PFS	Paper Feed Strobe from master.
PWS	Print Wheel Strobe from master.

TFS Twin Feed Strobe from master.

REST Restore Strobe from master.

REST F Restore generated by feeder logic.

REST P Restore strobe to printer. REST P=REST+REST F.

PFR Paper Feed Busy/Ready status from printer to master.

PWR Printwheel Busy/Ready status from printer to master.

CAR Carriage Busy/Ready status from printer to master.

CHK/FLT Malfunction status (CHECK/FAULT) from printer to

master.

EOR End of Ribbon status from printer to master.

POL Paper Out signal from printer to feeder logic,

POF Paper Out Feeder used in feeder logic.

PO Paper Out status from printer to master. PO=POL+POF.

TMR Twin feeder reset (not used).

SPKD Printer alarm Speaker control signal from master.

SPK Drive signal for printer alarm speaker.

SEL Select signal from printer keyboard to master.

TOF Top of Form signal from printer keyboard to master.

RLT Ribbon Lift control signal from master. (not used on

Wang printer at present time).

SL	Control signal for Select Lamp from master.
RL	Control signal for End of Ribbon Lamp from master.
TFB	Twin Feeder Busy signal from feeder to master.
TFP	Twin Feeder Present signal from feeder to master.
PRY	Printer Ready signal to master showing power-on status.
CO	Cover Open signal to master.
FL	Control signal for Malfunction Lamp (Fault) from master.
PSL	Control signal for Change Daisy Lamp (Program Stop) from master.
PL	Control signal for Paper Out Lamp from master.
FC	Feed Complete signal used in feeder logic.
OOP	Out of Paper signal used in feeder logic.
CWE	Clock-wise Enable used in feeder logic to drive feed motor.
CCWE	CounterClock-wise Enable used in feeder logic to drive feed motor
CLEAR	Signal used to clear Feed Request latch in feeder

logic.

APPENDIX B
CABLE AND EDGE CONNECTOR
CONFIGURATION TABLE

# APPENDIX B CABLE AND EDGE CONNECTOR CONFIGURATION TABLE

Signal Name	Cable Conn. Pin # Edge Conn. Pin #
*DA1A	•••••••••
*DA3A	020404
*DA5A	
*DA7A	08
*DA9A	
- *DA11A	
#PFR	1414
#PWR	
#CAR	
#CUPCV/PAIII T	••••••••••18
*POD	20
**CUR	22
***PU	24
· WTMR	2626
*REST	•••••••••••14•••••••
*CMS	•••••••••••
*PWS	•••••••32
#PFS	34
*TFS	
*SPKD	••••••38
SEL	
#SEI.	••••••.40
TOE	•••••••••42
• • 10f • • • • • • • • • • • • • • • • • • •	44
ee"NLL	46
••• an-	4848
•••KL••••••••••••	50
*DA2A	
*DA4A	03
*DA6A	••••••••
*DA8A	
*DA10A	
*DA12A	••••••11
*TFB	••••••13••••
*TFP	••••••.15
*PRY	••••••.17
. <b>*</b> CO	ΣΕ
Logio Gnd	
Logic Cnd	21
Logic und	23
Logic Gnd	
Logic Gnd	2727
Logic Gnd	• • • • • • • • • • • • • • • • • • • •
Logic Gnd	•••••••31
Logic Gnd	
Logic Gnd	• • • • • • • • • • • • 43 • • • • • • •
.Logic Gnd	• • • • • • • • • • • • • 44 • • • • •
.Logic Gnd	453939
Logic Gnd	4641
Logic Gnd	• • • • • • • • • • • • • • • • • • • •
· 带门	•••••••45•••••••••••••••••••••••••••
#DQ1	48
Ant	4947
·• "[L	

<sup>\*</sup> Indicates barred signal.

APPENDIX C
PRINTER COMMAND WORD TABLE

## APPENDIX C PRINTER COMMAND WORD TABLE

CARRIAGE MOTION STROBE					
Data Bit	Meaning				
DA1A	LSB				
DA2A	*				
DA3A	*				
DA4A	HEX REPRESENTATION OF DESIRED MOVE IN 1/60 INCH				
DA5A	* INCREMENTS. VALID FROM 000 THRU 3FF				
DA6A	*				
DA7A	*				
DA8A	*				
DA9A	#				
DA10A	MSB				
DA11A	DIRECTION				
DA12A	HALF STEP. ADDS A HALF INCREMENT (1/120 inch) TO THE MOVE				
	PRINTWHEEL STROBE				
Data Bit	Function				
DA1A	LSB				
DA2A	*				
DA3A	•				
DA4A	* ABSOLUTE PRINTWHEEL POSITION				
DA5A	* VALID FROM 20 (HOME POSITION) THRU 7F				
DA6A	#				
DA7A	MSB				
DA8A	RA1 RIBBON ADVANCE WORD (NOT HONORED BY WANG DAISY)				
DA9A	RA2 VALID FROM 0 THRU 7				
DA10A	RA3 7 GIVES LARGEST ADVANCE				
DA11A	HE1 HAMMER ENERGY. VAILD FROM 0 THRU 3				
DA12A	HE2 3 GIVES MOST ENERGY. (NOT HONORED BY WANG DAISY)				
	PAPER FEED STROBE				
Data Bit	Function				
DA1A	LSB				
DA2A	*				
DA3A	*				
DA4A	* PAPER MOTION WORD.				
DA5A	* VALID FROM 001 THRU 3FF				
DA6A	* 3FF GIVES MOST MOVEMENT				
DA7A	# SIL GLADO HONI HOADHIDMI				
DA8A	*				
DA9A	*				
DA10A	MSB				
DA11A	PLATEN DIRECTION				
DA12A	NOT USED				
	RESTORE STROBE				
Data Bit					
Data Bit  Function  DOES NOT USE DATA BITS. REINITIALIZES PRINTER TO KNOWN PRINTWHEEL AND CARRIAGE POSITIONS.					

APPENDIX D PRINT PACKAGE THE SCHEMATICS, WHEN AVAILABLE, ARE ON THE LAST FICHE IN THIS SET.

APPENDIX E BILL OF MATERIALS MB0080-A

RUN DATE: 67/11/79

PAGE

1

ASSEMBLY PART NUMBER 210-7549- -- LEGEND
ASSEMBLY DESCRIPTION PCA 114 PTR MLTPLXR W/TWN SHT FDR 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(PROD STR)

;	POSITION IN STRUCTURE	LEGEND 1 2 3	COMPONENT Part number	DESCRIPTION	ECN	QUANTITY PER ASSY	U/M	L/T	UNIT COST	EXTENDED COST
1		IN	300-1220	CAP 220 PF 10% 500 V CERAMIC DISC		2.0000	EACH		•019	0300
1		IN	300-1470	CAP 470 PF 10x 500 V CERAMIC DISC	E12146	6.0000	EACH		•019	•0380 •1140
1		IN	300-1900	CAP .05 UF +80-20% 12 V CERAMIC D		16.0000	EACH		.032	•5120
. 1		IN	300-1901	CAP .1 UF 20% 12 V CERAMIC DISC		1.0000	EACH		• 043	•0430
1		IN	300-1903	CAP +01 UF +80-20% 25 V CERAMIC D		1.0000	EACH		•031	•0310
1		IN	300-1906	CAP .001 UF 10x 500 V CERAMIC DISC		2-0000	EACH		•019	•0380
;1		IN	300-1913	CAP .002 UF 20% 500 V CERAMIC DISC		3.0000	EACH		-018	.0540
. 1		IN In	300-1930	-1 UF 50V +80-20% CERAMIC CAPCHIFRQ		5.0000 1.0000	EACH		•075	•3750
î		IN	300-4002	CAP .1 UF 35 V 10% TANT AXIAL CAP 3.3 UF 15 V 10% TANT AXIAL		1.0000	EACH	00001	•155	<ul><li>1550</li></ul>
'n		IN	300-4020	The state of the s		2.0000 2.0000 4.0000 2.0000 1.0000	EACH	00001	•155	•3100
ī		IN	300-4022	CAP 47.0 UF 15 V 10% TANT AXIAL CAP 15.0 UF 20 V 10% TANT AXIAL		2.0000	EACH		•430	•8600
1		ĪN	300-4032	CAP 10.0 UF 35 V 10% TANT AXIAL		4-0000	EACH	00001	•175	•7000
1		IN	300-4045	CAP 220 UF TANT 15 VDC 10%		2.0000	EACH		•427	•854 O
1		PFS	330-2010-48	RES 100 OHM 1/4W 10% FIXED COMP		9 0000	EACH		1.509	1.5090
: 1		P FS	330-2022-48	RES 220 OHM 1/4W 10% FIXED COMP		4.0000	EACH		-017	•1530
11		P FS	330-2047-48	RES 470 OHM 1/4W 10% FIXED COMP		2.0000	EACH		-017	-0680
'1		P FS	330-2082-48	RES 820 OHM 1/4W 10% FIXED COMP		2.0000	EACH		•017 •017	-0340
1		P FS	330-3010-4B	RES 1K OHM 1/4W 10x FIXED COMP	E12146	3-0000	EACH		•017	•0340
_ 1		P FS	330-3015-48	RES 1.5K OHM 1/4W 10% FIXED COMP		1.0000	EACH		•017	•0510 •0170
전 11	, and the second	P FS	330-3022-4B	RES 2.2K OHM 1/4W 10% FIXED COMP	E12146	38.0000	EACH		•017	•6460
_ 1		P FS	330-3027-4B	RES 2.7K OHM 1/4W 10% FIXED COMP		1-0000	EACH		.017	•0170
. 1		P FS	330-3047-4B	RES 4.7K OHM 1/4W 10% FIXED COMP	E12146	4.0000	EACH		•017	•0680
1		P FS	330-3056-48	RES 5.6K OHM 1/4W 10% FIXED COMP		1-0000	EACH		-018	•0180
11		PFS	330-3082-48	RES 8.2K OHM 1/4W 10% FIXED COMP		1.0000	EACH		.017	.0170
;1		P FS P FS	330-4010-4B	RES 10K OHM 1/4W 10% FIXED COMP		1.0000	EACH		-017	•0170
11		PFS	330-4012-4B	RES 12K OHM 1/4W 10% FIXED COMP		1.0000	EACH		-017	.0170
i		P FS	330-4033-4B 330-4039-4B	RES 33K OHM 1/4W 10% FIXED COMP RES 39K OHM 1/4W 10% FIXED COMP	E12146	4-0000	EACH		•017	•068 <b>0</b>
1		PFS	330-4047-4B	RES 39K OHM 1/4W 10% FIXED COMP RES 47K OHM 1/4W 10% FIXED COMP		1.0000	EACH		•017	•0170
1		IN	331-2056	RES 560 OHM 1/2W 10% FIXED COMP		3-0000	EACH		-017	•0510
11		IN	374-0005	IC REG UA 7915 -15V TO-220			EACH	00001	•019	•0190
. 1		IN	374-0008	IC REG UA 7815 +15V TO-220		1.0000 1.0000	EACH		-823	.8230
.1		IN	375-0017	TSTR 2N3014 360MW 40V SH NPN S 52			EACH		•5 <b>4</b> 0	-5400
. 1		IN	375-1017	TSTR 2N2906A 1.8W 60V SH PNP S 18		1.0000	EACH		•220	•2200
! <b>1</b>		IN	375-1052	TRANSISTOR 2N6387 (PLASTIC)		1.0000	EACH		•120 •480	•1200 •4800
1		IN	375-1053	TRANSISTOR RCAB203A (PLASTIC)		1.0000	EACH		•490	•4900
,1		IN	375-1059	TSTR 2N2907A 1.8W 60V SH PNP S 18		1.0000	EACH		•120	•1200
1		IN	375-9004	TRANSIPAD TO-18 (SMALL)		9.0000	EACH		•012	•1080
; 1		IN	376-0002	IC 7400N 4 2 IN POS NAND GATE		1-0000 1-0000	EACH		•105	•1650
11		IN	376-0003	IC 7410N 3 3 IN POS NAND GATE		1.0000	EACH		.104	.1040
!1			376-0006	IC 7474N 2 D EDGE TRIG FLIP-FLOP		4.0000	EACH		-140	•5600
'1			376-0010	IC 7404N HEX INVERTER		2.0000	EACH		-110	•2200
\1			376-0016	IC 7402N 4 2 IN POS NOR GATE		2.0000	EACH		•106	•2120
11			376-0056	IC 7404N HEX INVERTER IC 7402N 4 2 IN POS NOR GATE IC 7407 HEX BUF DRIVER HV OUTPUT IC 7408 4 2 IN POS AND GATE IC 74157 4 2 IN MX IC 7432 4 2 IN OR GATE IC 9602 2 RETRIG RESET MONOSTBL MVB		2.0000	EACH		•131	• 2620
1			376-0081	IC 74167 A O THINK		2.0000	EACH		•109	.2180
, 1			376-0082 376-0093	IC 7432 A O IN OR CATE		7-9000	EACH		•239	1.6730
1		IN	376-0104	TO GEORGE DESERT MONOGRAM MAN		3.0000	EACH		•115	•3450
$\cdot_1$		_	376-0104	IC 555 TIMER		3.0000	LACH		•310	.9300
1			376-0176	IC 74367 HEX BUFFER		1 -0000	LALT		•160	•1600
1			376-0194	IC 7411 3 3 IN POS AND GATE		4.0000 2.0000	EACH		•231	•9240
		-		TE THE O'D AND ONLE		£ • U U U U	EACH		.109	.2180

RUN DATE: 07/11/79

PAGE

2

ASSEMBLY PART NUMBER 210-7549- -- LEGEND
ASSEMBLY DESCRIPTION PCA 114 PTR HLTPLXR W/IWN SHT FDR 1: P=PHANTOM; 2: ITEM MASTER DELY CODE; 3: +=TAGGED OUT OF KIT(PROD STR)

POSITION IN Structure	LEGEND 1 2 3		DESCRIPTION	E C N	QUANTITY PER ASSY	U/M L/T	UNIT COST	EXTENDED COST
1 1 1 1 1 1	IN IN P FS IN IN FS IN	376-0240 376-0283	IC LM339 4 COMPARATOR IC 8T37 HEX BUS REC W/HYST-SCHMIT T D035 SIL DIODE 30V, 100MA AT 1V .4B D10 ZEN 1N750 A 4.7V 400MW S D0-7 A15A RECTIFIER DIO 1N4004 400V 1A RECT S D041 PCB 114 PTR MULTIPLEXER			EACH EACH EACH EACH 00001 EACH 00001 EACH	•408 •650 •018 •965 •156 •034	-4080 1-9500 -0540 -0650 -3120 -0680 100-0000

RAW MATERIAL 118.5940 MAT. OVERHEAD 10% 11-8594 SPOILAGE 6.5227 51 **ASSEMBLIES** .0000 SUBTOTAL 136.9761 DIRECT LABOR .0000 \*\*\* OVERHEAD 1701 -0000 \*\*\* TOTAL COST 136.9761

F

PASE

1

\*ASSEMBLY PART NUMBER 210-7449-1 - LEGEND
ASSEMBLY DESCRIPTION PCA 114 PTR JCT N/TWN SHT FOR CNTL 1: P=PHANTOH; 2: ITEM MASTER DELY CODE; 3: \*=TAGGED OUT OF KIT(FROD STR)

	POSITION IN STRUCTURE	TEGEND	COMPONENT Part number	DESCRIPTION	E C N	QUANTITY PER ASSY		L/T	UNIT COST	EXTENDED COST
	1	IN	000-0001- '	LABOR SUB-SYSTEMS LABOR GUALITY CONTROL LABOR PERIPHERAL SYSTEMS CAP 220 PF 10% 500 V CERAMIC DISC CAP 205 UE AND 20% 12% CERAMIC DISC		2-1630		00000	3.960	3 5455
	1	IN	000-0011	LABOR GUALITY CONTROL		-5110		00000	5.990	3-5655
		I N	000-0021	LABOR PERIPHERAL SYSTEMS  CAP 220 PF 10% 500 V CERAMIC DISC  CAP .05 UF +80-20% 12 V CERAMIC D  CAP .1 UF 20% 12 V CERAMIC DISC  CAP .01 UF +80-20% 25 V CERAMIC D  CAP .001 UF 10% 500 V CERAMIC DISC  -1 UF 50V .80-20% CERAMIC CAP (HIFRO CAP)		.3930		00000	4.260	3.0609 1.6820
		IN	300-1220	CAP 220 PF 10x 500 V CERAMIC DISC		2.0000	EACH		•019	•0380
	•	14	300-1500	CAP .05 UF +80-20% 12 V CERAMIC D		8.0000	EACH		.032	•2560
	•	1 N	300-1901	CAP .1 UF 20% 12 V CERAMIC DISC		1.0000	EACH		.043	•0430
;	•	IN	300-1903	CAP -01 UF +80-20% 25 V CERAKIC D		1.0000	EACH		.031	•0313
	<u>.</u> 1	IN	300-1906	CAP .001 UF 10% 500 V CERAMIC DISC		2.0000	EACH		•019	•0315
•	í	IN IN	300-1930	-1 UF 50V -80-20% CERAMIC CAPCHIFRO		5.0000	EACH		.075	-3750
,	7	IN	300-4002			1.0000	EACH	00001	-155	•1550
;	i e	ÎN	300-4016	CAP 3-3 UF 15 V 10X TANT AXIAL CAP 15-0 UF 20 V 10X TANT AXIAL	E10953	2.0000		00001	•155	.3109
•	ī	IN	300-4032	CAP 15-0 UF 20 V 10X TANT AXIAL CAP 10-2 UF 35 V 10X TANT AXIAL	E10953		EACH	00001	•175	-7000
ì		IN	300-4034			5 - 0 0 0 0	EACH		•427	.8540
Ī	i	IN	300-4045	CAP 47.3 UF 20 V 1C% TANT AKIAL CAP 220 UF TANT 15 VDC 10%		5.0000	EACH		• 430	. 6650
1	Ī	P FS	330-1047-49	RES 47 OHM 1/4W 10% FIXED COMP		2.3000	EACH		1.509	3.0180
1	1	PFS	330-2010-43	RES 100 JHH 1/4W 1GX FIXED COMP		1-3000	EACH		•017	• ù 1 7 O
1	l	PFS	350-2047-48	RES 470 OHN 1/4W 10% FIXED COMP		1.0000	EACH		.017	.0170
1	l	FS	330-2082	RES 820 OHM 1/4W 10X FIXED COMP		2.0000	EACH		.017	-0340
1	<b>,</b>	PFS	330-3010-49		£11889	2.0000 6.0000	EACH		•017	• 034 0
면 1	1	PFS	330-3015-49	RES 1.5K OHM 1/4W 10% FIXED COMP	611007	1.0000	EACH		•017	•1620
ယ် 1	1	P FS	330-3022-49		E11889	17.0000	EACH		-017	•0170
1	=	PFS	330-3047-43		E11889	4.0000	EACH		-017	•2890
1			330-3056-48	RES 5.6K OHM 1/4W 10% FIXED COMP		1.0000	EACH		.017 .019	-0690
	<u>l</u>	PFS	330-3082-43	RES 8.2K DHM 1/46 10% FIXED COMP		1.0000	EACH		.017	•0190 •0170
1			330-4010-49	RES 10K OHM 1/4W 10% FIXED COMP			EACH		.017	.0340
1			330-4033-43	RES 33K OHH 1/4W 1GX FIXED COMP	£11889	1.3000	EACH		.017	•0170
			330-4039-48	RES 39K OHM 1/4W 10% FIXED COMP	E10953	2.0000	EACH		•017	•03+0
1			330-4047-43	RES 47K OHM 1/4W 10% FIXED COMP		2.0000	EACH		.017	.0340
•	•		331-2056	RES 560 OHM 1/2W 10% FIXED COMP		1.0000	EACH	00001	-019	-0190
•	_		374-0005	IC REG UA 7915 -15V TO-220		1.0000	EACH		.823	.8230
i		2	374-0008 375-0017	IC REG UA 7815 +15V TO-220	E10953	1.0000	H2A2		.540	-5400
i	•		375-1017	TSTR 253014 360MW 40V SH NPN S 52			EACH		.220	-2200
1			375-1052	TSTR 2N2906A 1.8W BOV SH PNP S 18 TRANSISTOR 2N6387 (PLASTIC)		1.0000			-120	•1200
1			375-1053	TRANSISION EMBOSI (PLASILI)		1.0000	EACH		• 4 8 C	-4800
1	Į.	2	375-1059	TRANSISTOR 2N6387 (PLASTIC) TRANSISTOR RCA82J3A (PLASTIC) TSTR 2N2907A 1.8U 60V SH PNP S 18		1.0000	EACH		.450	.4900
1			375-9004	TRANSIPAD TO-18 (SMALL)	E14061	1-0000	EACH		•120	-1200
1			376-0002	TRANSIPAD TO-18 (SMALL) IC 74u0n 4 2 IN POS NAND GATE	L10753	3.0000 1.0000	EACH		-012	.0360
1	!	IN	375-0006	10 7474N 2 D EDGE TRIG FLIP-FLOP	F11032	3-0000	EACH		•105	•1050
1		IN	376-0310	IC 7404N HEX INVERTER	C1103E	1.0000	EACH		-140	- <b>4</b> 200
1	•	IN	376-0561	IC 7408 4 2 IN POS AND GATE		2.0000			•110 •109	-1100
1			376-0093	1C 7432 4 2 IN OR GATE		1.0000	EACH		•115	•2190 •1150
1			376-0104	IC 7404N HEX INVERTER IC 7408 4 2 IN POS AND GATE IC 7432 4 2 IN OR GATE IC 9602 2 RETRIG RESET MONOSTAL MVB		3.0000	EACH		-310	•9500
1			376-0126	IC 333 IIUEK		1.0000	HOAR		•160	•1600
1			376-0194	IC 7411 3 3 IN POS AND GATE		1.0000	EACH		•109	•1G90
,			376-0240	IC LM339 4 COMPARATOR		1.0000	EACH		•406	•4090
1			376-0283	IC 8737 HEX BUS REC W/HYST-SCHMIT T		2.0000	EACH		-550	1.3000
1		-	390-1001-48	0035 SIL DIODE 30V. 100HA AT 1V .48		3.0000	EACH		.018	•0540
1		_	380-2047 390-3008	010 ZCN 1N750 A 4.7V 400MW S D0-7		1.3300	HSAB	00001	•065	-0650
i			3:0-4000	A15A RECTIFIER		2.0000	EACH		.155	•312C
•			3. J 4000- 3 5	DIO 144004 400V 18 RECT S 3041		2.5000	EACH	03001	.034	• 5 a 5 <b>c</b>

PAGE

LEGEND LEGEND PORT NUMBER 210-7449-1 - - LEGEND LEGEND PORT THE MATTER DELY CODE; 3: \*=TAGGED OUT OF KITCPROSE STREET STREET ASSESSMENT DESCRIPTION POR 114 PTR JCT W/THE SHIP FOR CHILL 1: P=PHANTON; 2: ITEM HASTER DELY CODE; 3: \*=TAGGED OUT OF KITCPROSE STREET

POSITION IN STRUCTURE		THEHOPPOOL Paru Trap	DESCRIPTION E C N	QUANTITY PER ASSY	U/H	L/T	UNIT COST	EKTENDED COST
1 1 1 1	IN 650 IN 652 IN 654	2-3007 2-3002 4-1186	PCB 114 TWIN SHEET FEEDER CNTL SCR 6-32 1/4 PAV SLOT AS MYL E10953 NUT 6-32UNC HEX RES PAT MYLON E10953 6 POS PIN HEADER AMP 1-360999-0 3 POS P.C.HEADER ASSY AMP 350210-1		EACH		10.650 .914 .005 .181	10.6500 •0550 •6250 •1616

RAW MATERIAL		25.6660
MAT. OVERHEAD	10x	2.5666
SPOILAGE	53	1.4116
assemblies		-0000
SURTOTAL		29.6442
DIRECT LABOR		13.3084
OVERHEAD	170%	22.6243
TOTAL COST		45.8740

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# APPENDIX F

### APPENDIX F

### ILLUSTRATED PARTS BREAKDOWN (IPB)

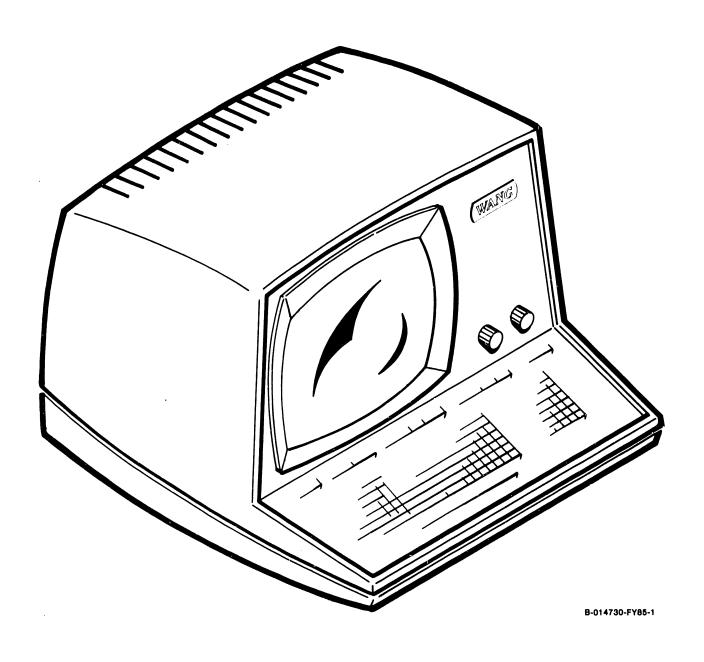


FIGURE 1 FRONTISPIECE (ASSEMBLY PART NO. 177-9241)

### **EXTERNAL COVERS ASSEMBLY**

ITEM NO.	PART NO.	DESCRIPTION
1	449-0143	COVER
2	449-0459	12" CRT BEZEL
3	449-0548	PLATE LOGO WKSTN
4	655-0157	KNOB ALCO
5	652-0036	NUT SM. PAT. 3/8"-32
6	653-0022	WASHER 3/8" INT. TH.
7	336-0032	BRIGHTNESS POT
8	336-0035	CONTRAST POT
9	220-0160	CABLE
10	654-1274	CABLE CLAMP ADH. BACK
11	654-1185	SOCKET
12	452-1072	FINISHING PLATE
13	279-1026	BASE ASSEMBLY
14	650-4105	10-32x11/8 TRUSS HD PHL

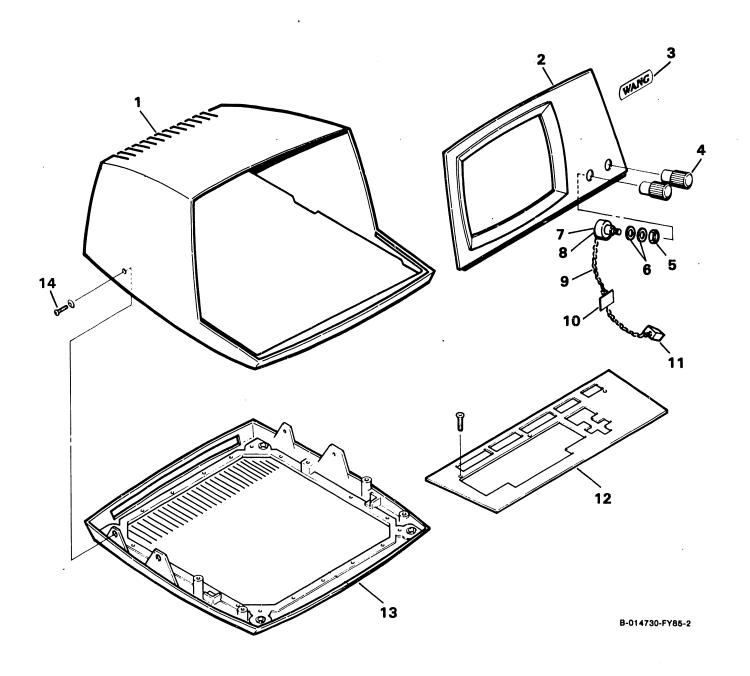
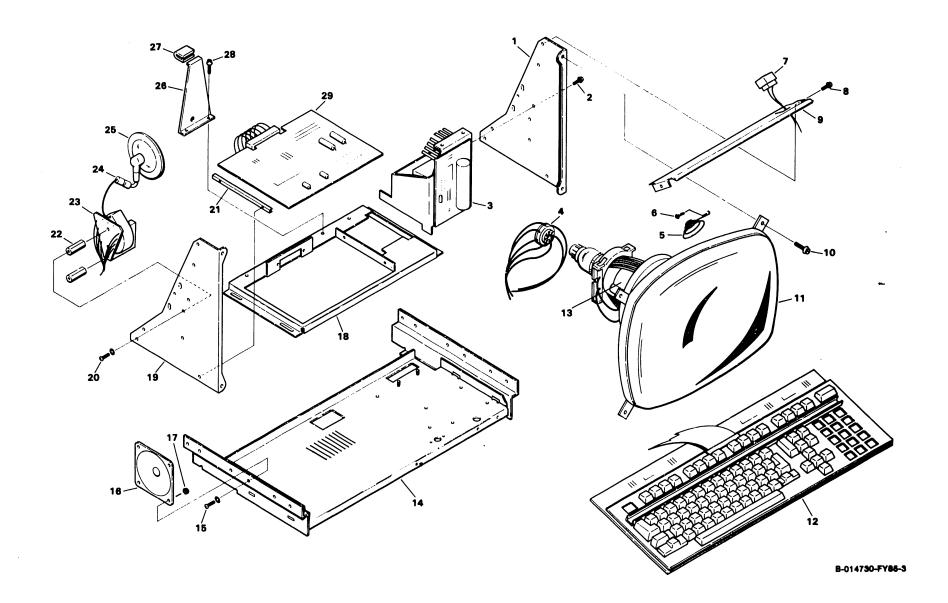


FIGURE 2 EXTERNAL COVERS ASSEMBLY

### 12" MONITOR ASSEMBLY (ASSEMBLY PART NO. 270-0372)

ITEM NO.	PART NO.	DESCRIPTION
1	451-3857	SIDE PANEL (R.H.)
2	651-0037	#8x3/8" SLTD HEX S.T. SCREW
3	270-0371	POWER SUPPLY ASSEMBLY
4	320-0502	BASE COIL
5	465-1643	GROUNDING SPRING
6	651-0037	#8x3/8" SLTD HEX S.T. SCREW
7	654-1184	6 POSITION HOUSING CONNECTOR
8	651-0037	#8x3/8" SLTD HEX S.T. SCREW
9	451-4473	SUPPORT BRACKET
10	651-0053	#10x3/8" HEX S.T. SCREW
11	340-0108	CRT
12	271-1242	<b>KEYBOARD 928 MICRO LUG</b>
13	270-3092	YOKE ASSEMBLY
14	451-1100	CHASSIS, CRT
15	650-3120	6-32x3/8" SEMS SCREW
16	320-0300	SPEAKER 3" 8 OHM
17	652-0032	6-32 LOCKNUT KEPS
18	451-1121	CHASSIS, 12"
19	451-3856	SIDE PANEL (L.H.)
20	650-2087	4-40x1/4" SEMS SCREW
21	452-4042	CARD GUIDE
22	462-0413	SPACERS
23	270-3104	FLYBACK TRANSFORMER ASSEMBLY
24	380-3011	20KV DIODE
25	350-2073	ANODE CONNECTOR
26	451-4472	NECKSAVER BRACKET
27	478-0448	NECKSAVER BRACKET INSULATOR
28	651-0037	#8x3/8" SLTD HEX S.T. SCREW
29	210-7456	PCA 12" MONITOR ELEC.



### **POWER SUPPLY ASSEMBLY (ASSEMBLY PART NO. 270-0371)**

ITEM NO.	PART NO.	DESCRIPTION
1	410-0127	TRANSFORMER
2	451-1118	POWER SUPPLY CHASSIS
3	654-1246	PLASTIC GROMMET
4	210-7455	REGULATOR BO RD
5	650-3120	6-32x3/8" MACH SCREW
6	653-3000	#6 FLAT WASHER
7	652-2005	#4 KEP NUT
8	325-2117	SW SLIDE DPDT AC LINE 115/230
9	360-1006-SB	FUSE 6/10 AMP 250V
10	651-0024	#8x1/4" HEX S.T. SCREW
11	462-0110	SPACER
12	420-2011	POWER CORD
13	654-1238	HEYCO STRAIN RELIEF
14	653-3003	#6 SPLIT WASHER
15	652-3004	6-32 NUT
16	654-1274	CABLE CLAMP ADH. BACK
17	651-0010	#6x3/4" SHEET METAL SCREW
18	478-0391	HEAT SINK
19	375-9020	MICA WASHER
20	375-1026	TRANSISTOR 2N3467
21	PART OF 1	
22	PART OF 1	
23	PART OF 1	
24	PART OF 1	
25	PART OF 1	
26	PART OF 1	
27	PART OF 1	

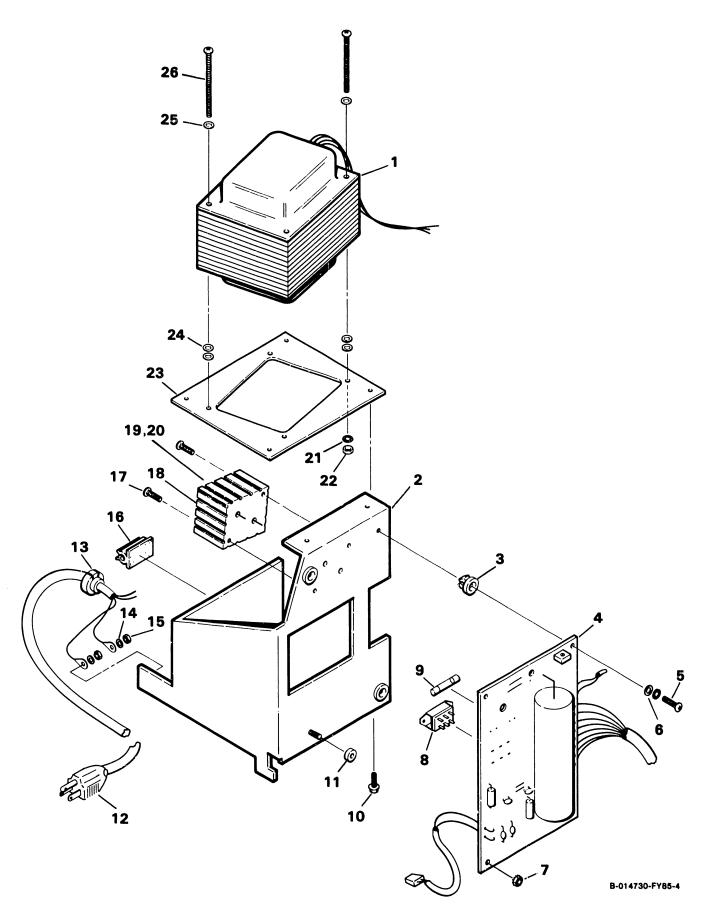
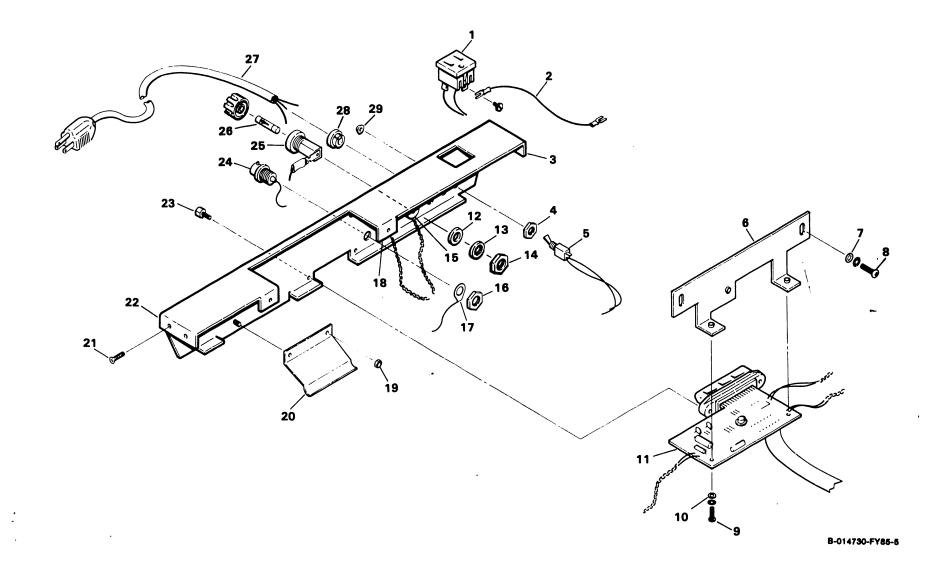
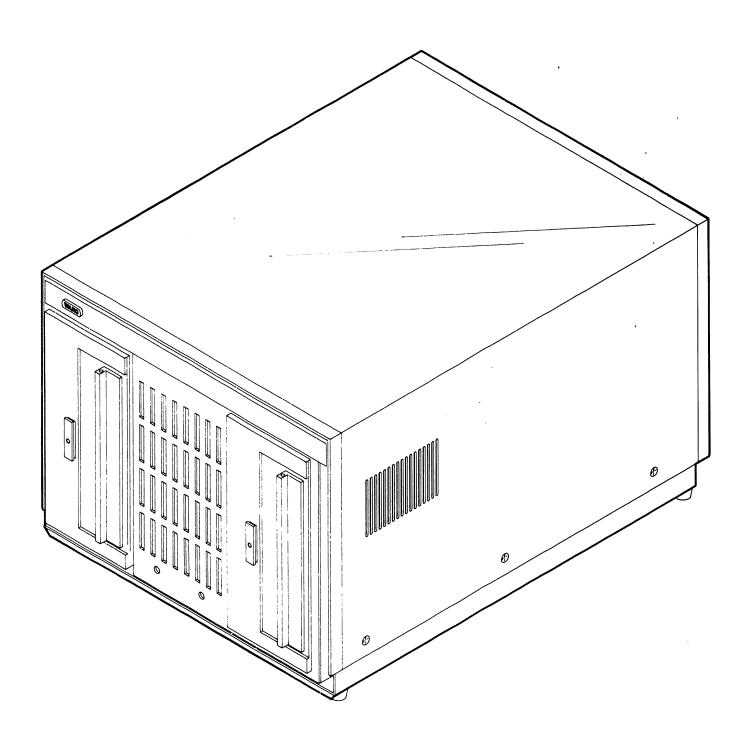


FIGURE 4 POWER SUPPLY ASSEMBLY (ASSEMBLY PART NO. 270-0371)

## REAR PANEL ASSEMBLY (ASSEMBLY PART NO. 270-0447)

ITEM NO.	PART NO.	DESCRIPTION
· <b>1</b>	654-0074	AC RECEPTACLE
2	220-1042	WIRE/LUG ASSEMBLY PO22 GRN/YEL
3	451-3922	REAR PANEL
4	PART OF 5	
5	325-0033	TOGGLE SWITCH
6	478-0420	HEAT SINK
7	653-2000	#4 FLAT WASHER
8	650-2120	4-40x3/8" SCREW
9	650-2120	4-40x3/8" SCREW
10	653-2000	#4 FLAT WASHER
11	210-7313	PRINTED CIRCUIT ASSEMBLY
12	360-9000	RUBBER WASHER
13	360-9003	LOCK WASHER
14	360-9002	HEX NUT
15	336-0033	100 OHM POT
16	PART OF 24	
17	654-1011	GROUND LUG 3/8"
18	336-0034	250 OHM POT
19	652-2005	4-40 LOCKNUT KEPS
20	451-3632	STATIC PANEL
21	650-3120	6-32x2/8" SEMS SCREW
22	270-0447	114 REAR PANEL ASSEMBLY
23	462-0507	STANDOFF
24	350-1036	BNC SOCKET
25	360-0013	FUSE HOLDER
26	360-1006-SB	FUSE 6/10 AMP
27	420-1096	POWER CORD ASSEMBLY
28	654-1238	HEYCO STRAIN RELIEF
29	PART OF 5	

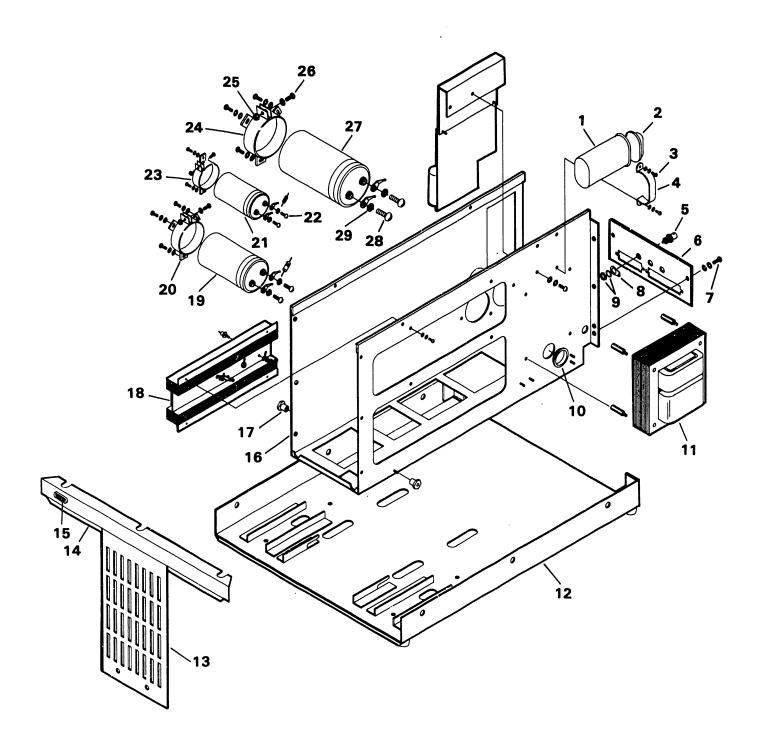




MASTER UNIT ASSEMBLY (PART NO. 177-9232)

### CHASSIS ASSEMBLY (NO ASSEMBLY PART NO.)

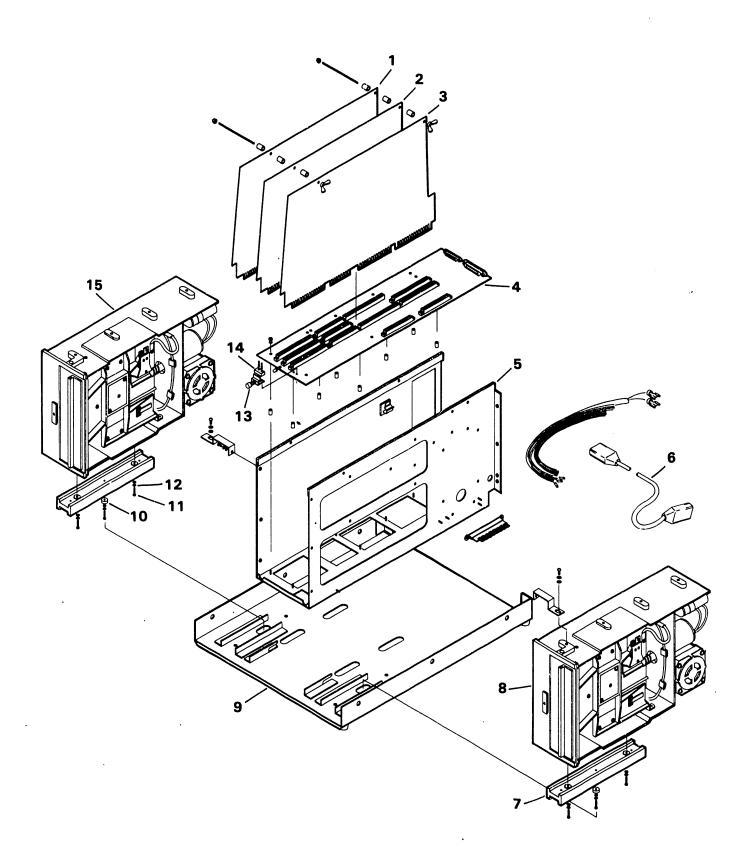
ITEM NO.	PART NO.	DESCRIPTION
1	300-3103	CAP 3uf 660 VAC
2	300-9024	CAP BOOT
3	650-3120	6-32x3/8 SCREW
4	300-9021	CAP CLAMP
5	350-1036	BNC SOCKET
6	452-0529	CONNECTOR "A" PLATE
7	650-3120	6-32x3/8 SCREW
8	654-1011	3/8 GROUND LUG
9	PART OF 5	
10	654-1245	SNAP BUSHING
11	270-3180	TRANSFORMER ASSEMBLY
12	279-1014	<b>BOTTOM PAN ASSEMBLY</b>
13	451-3077	PANEL, OUTER FRONT
14	451-3076	PANEL, FRONT DRESS
15	450-0904	WANG NAME TAG
16	451-1152	CHASSIS
17	461-3274	LOCKING STUD
18	270-0551	HEATSINK ASSEMBLY
19	300-3069	CAP 27K uf 37V
20	300-9022	CAP CLAMP
21	300-3067	CAP 12K uf 50v
22	650-6120	10-32x3/8 SCREW
23	300-9004	CAP CLAMP
24	300-9006	CAP CLAMP
25	652-0032	6-32 NUT
26	650-3207	6-32x5/8 SCREW
27	300-3050	CAP 124K uf 15V
28	650-6170	10-32x1/2 SCREW
29	653-6003	#10 SPLIT WASHER



# CHASSIS ASSEMBLY (NO ASSEMBLY PART NO.)

### MOTHERBOARD ASSEMBLY (NO ASSEMBLY PART NO.)

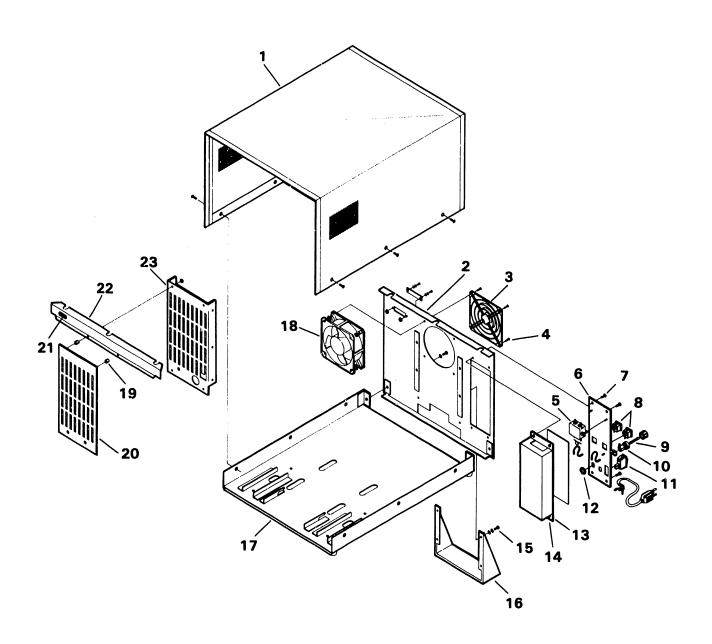
ITEM NO.	PART NO.	DESCRIPTION
1	210-7410-A	PCA 114 48K MEMORY
2	210-7712-A	PCA 5505 HOR SCR CRT/CPU W/STC RAMS
3	210-7411-A	PCA 114 DISK BOARD
4	210-7546	ARCH MOTHERBOARD
5	451-1152	CHASSIS
6	220-1519	POWER CORD
7	452-4117	BOTTOM GUIDE
8	725-0053	8" FLOPPY DISK DRIVE
9	279-1014	BOTTOM PAN ASSEMBLY
10	478-0294	CATCH
11	650-4320	8-32x1 1/4 PAN HD PHIL
12	653-4001	#8 WASHER
13	325-2305	MICRO SWITCH
14	650-0200	2-56x5/8 SCREW
15	725-0053	8" FLOPPY DISK DRIVE



MOTHERBOARD ASSEMBLY (NO ASSEMBLY PART NO.)

### **EXTERNAL COVERS ASSEMBLY (NO ASSEMBLY PART NO.)**

ITEM NO.	PART NO.	DESCRIPTION
1	451-2322	COVER, MASTER
2	451-2247	REAR COVER
3	449-0101	FAN GUARD
4	650-3248	6-32x3/4 SCREW
5	410-2005	LINE FILTER
6	451-2930	<b>COVER BOX PWR SSCRN</b>
7	650-6120	10-32x3/8 SCREW
8	654-0074	AC RECEPTICLE F
9	360-1031-SB	<b>FUSE 3.0 AMP 250V</b>
10	360-0013	FUSE HOLDER
11	325-0021	SWITCH ROCKER SPST
12	360-9002	HEX NUT
13	270-0583	FILTER BOX ASSEMBLY
14	451-2802	BOX, POWER
15	650-3160	6-32x1/2 SCREW
16	451-4807	BRACKET CONNECTOR
17	279-1014	<b>BOTTOM PAN ASSEMBLY</b>
18	400-1001	FAN
19	462-0451	SPACER.312 LG
20	451-3077	PANEL, OUTER FRONT
21	450-0904	WANG NAME TAG
22	451-3076	PANEL, FRONT DRESS
23	451-3078	PANEL, INNER FRONT

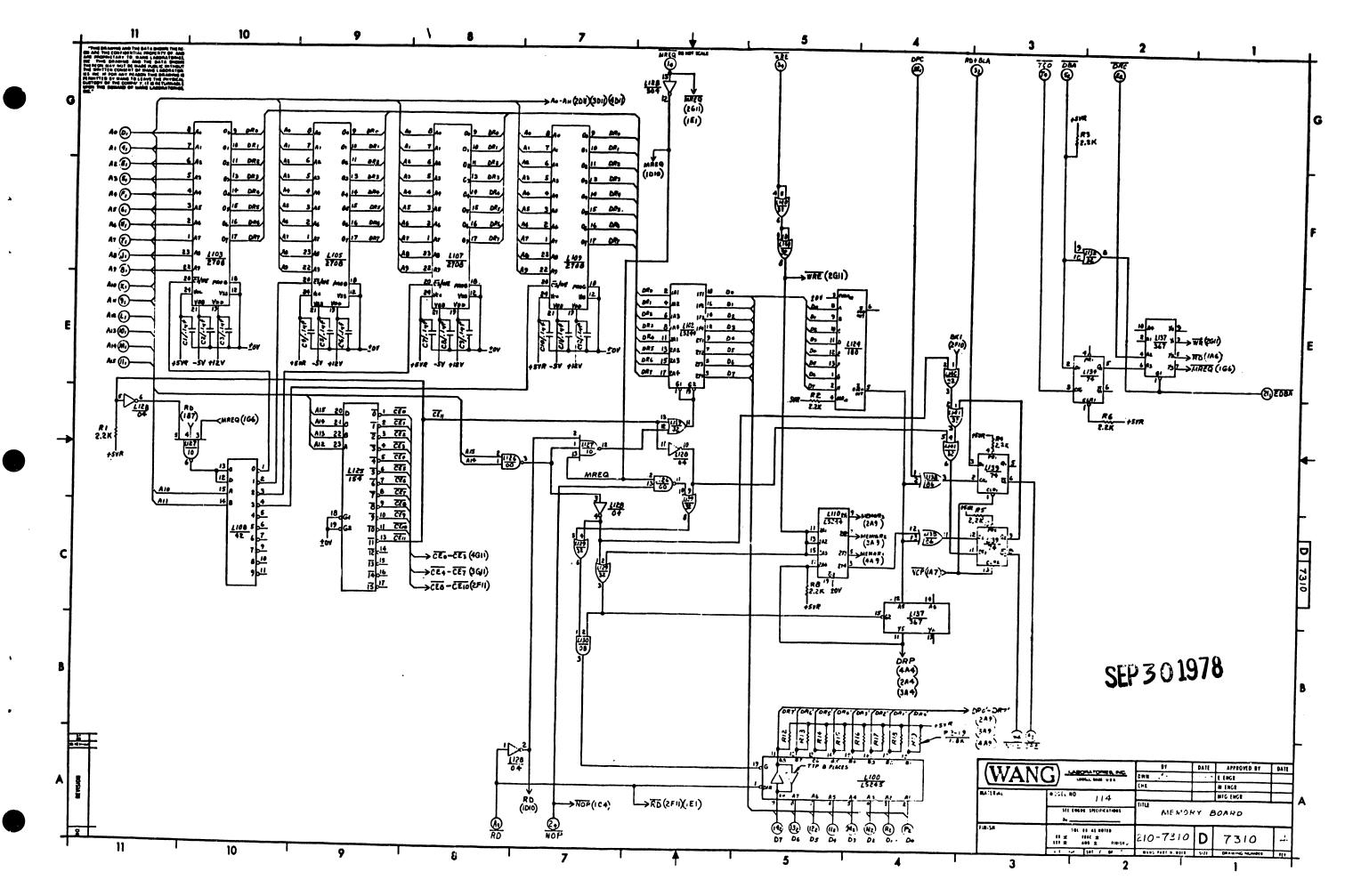


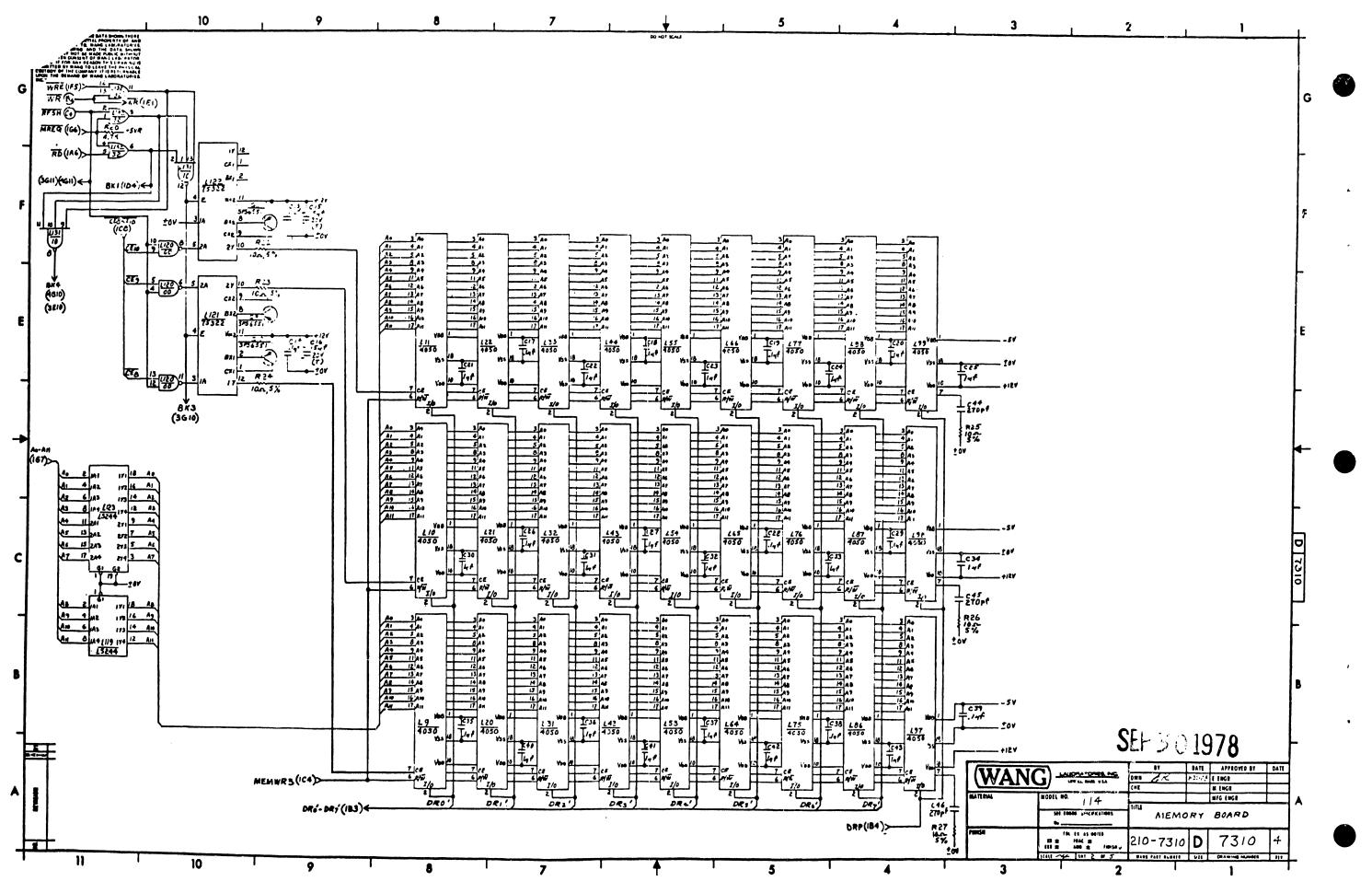
**EXTERNAL COVERS ASSEMBLY (NO ASSEMBLY PART NO.)** 

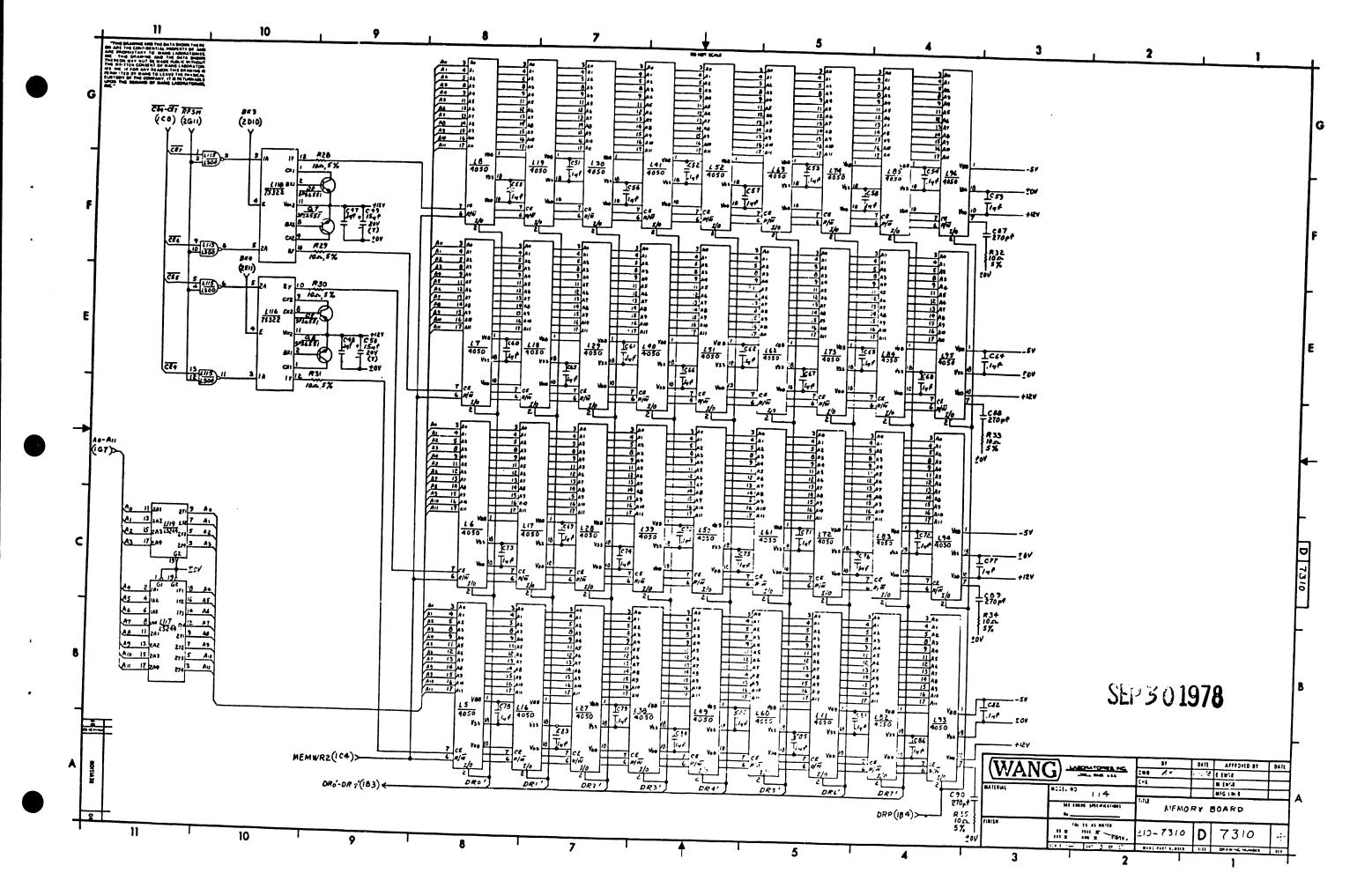
# APPENDIX B

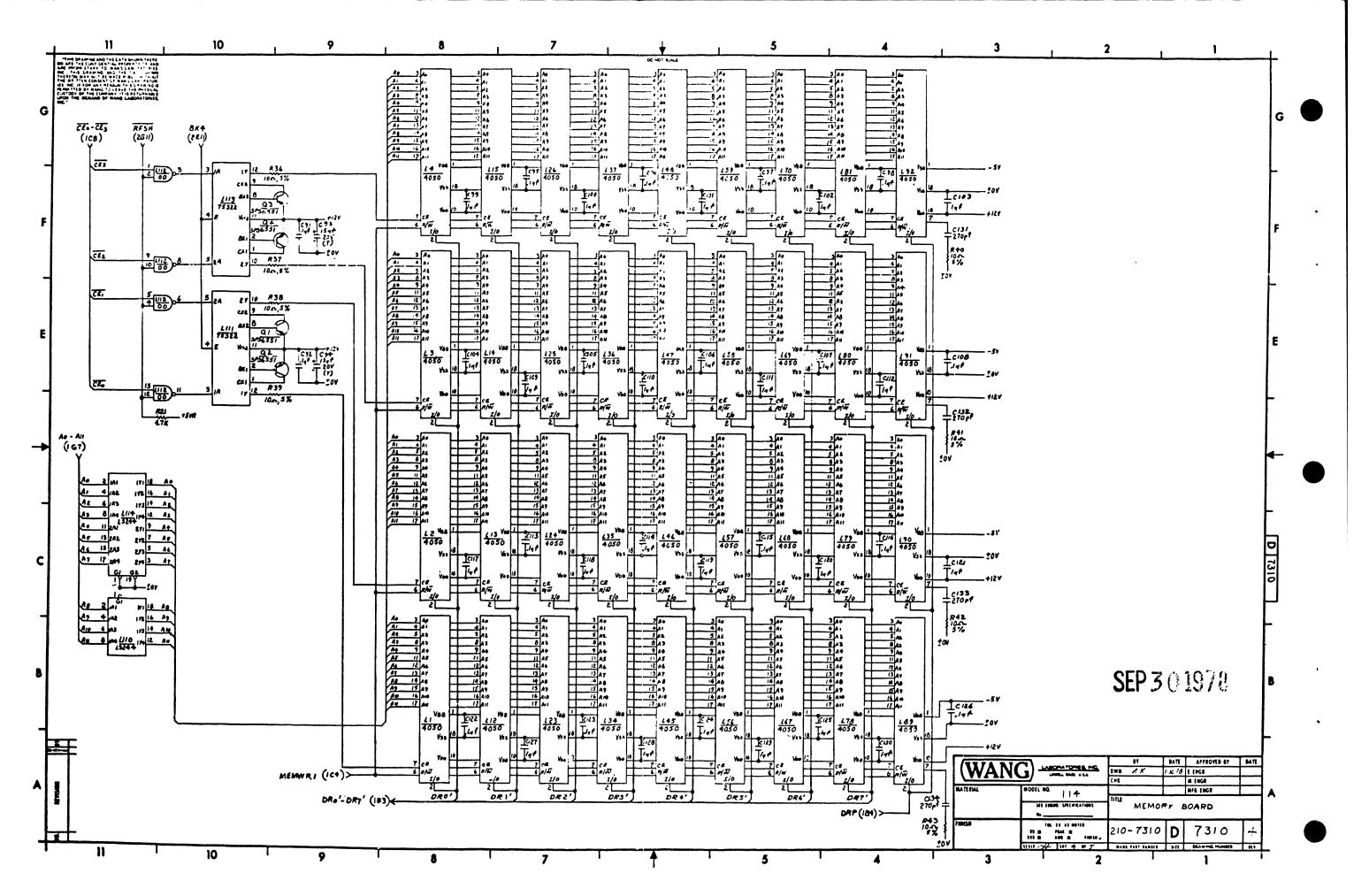
# APPENDIX B SCHEMATICS

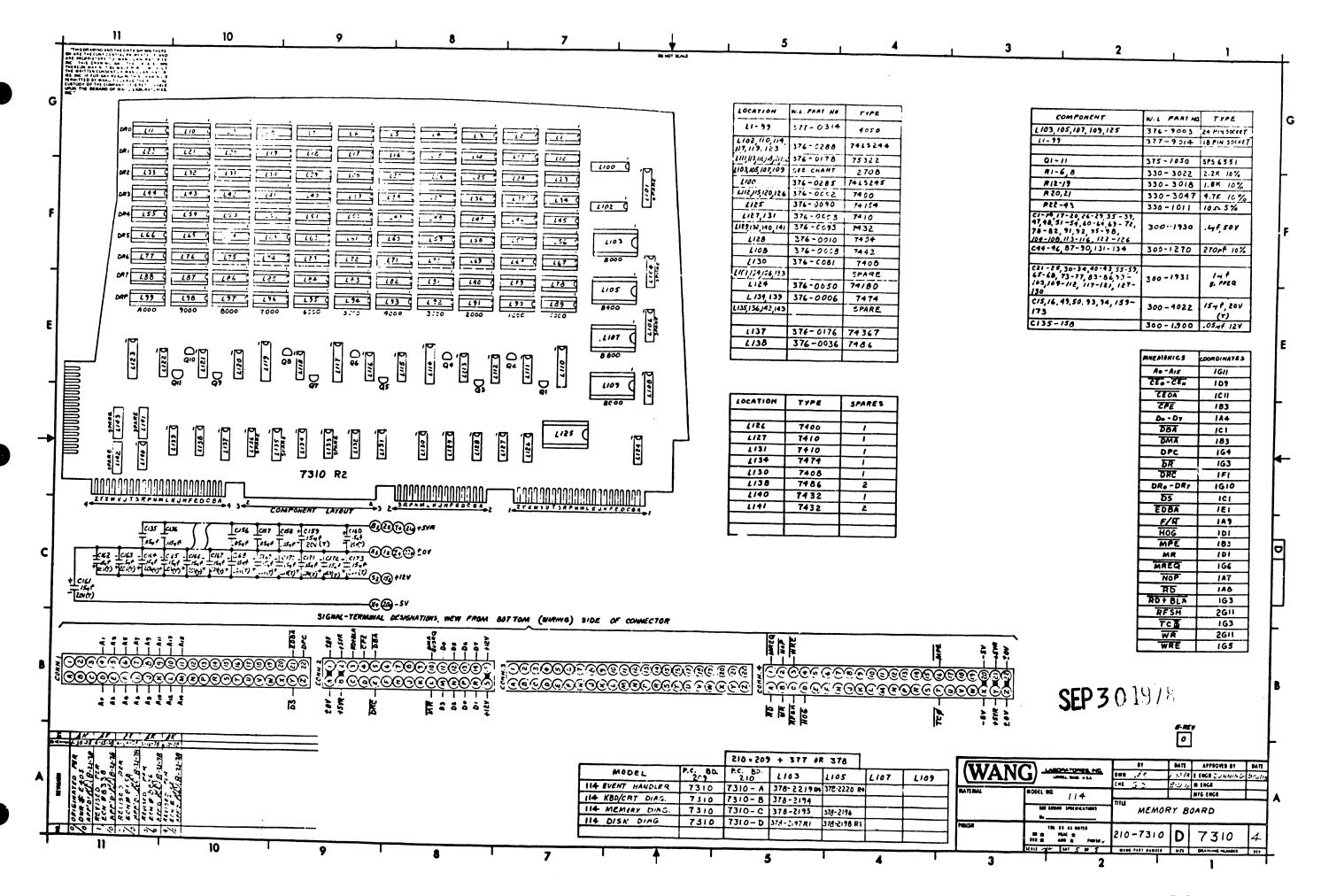
SCHEMATICS NO.	TITLE	NO. OF SHEETS
7310	MEMORY PCB	5
7311	DISK PCB	4
7411	I/O PCB/DISK PCB	4
7312	CPU/CRT PCB	4
7313	CRT JUNCTION PCB	1
7314	PRINTER JUNCTION PCB	1
7315	MOTHER PCB	4
7316	POWER SUPPLY REGULATOR PCB	2
7229-1	WP KEYBOARD PCB	3
7449	TWIN SHEET FEEDER	2

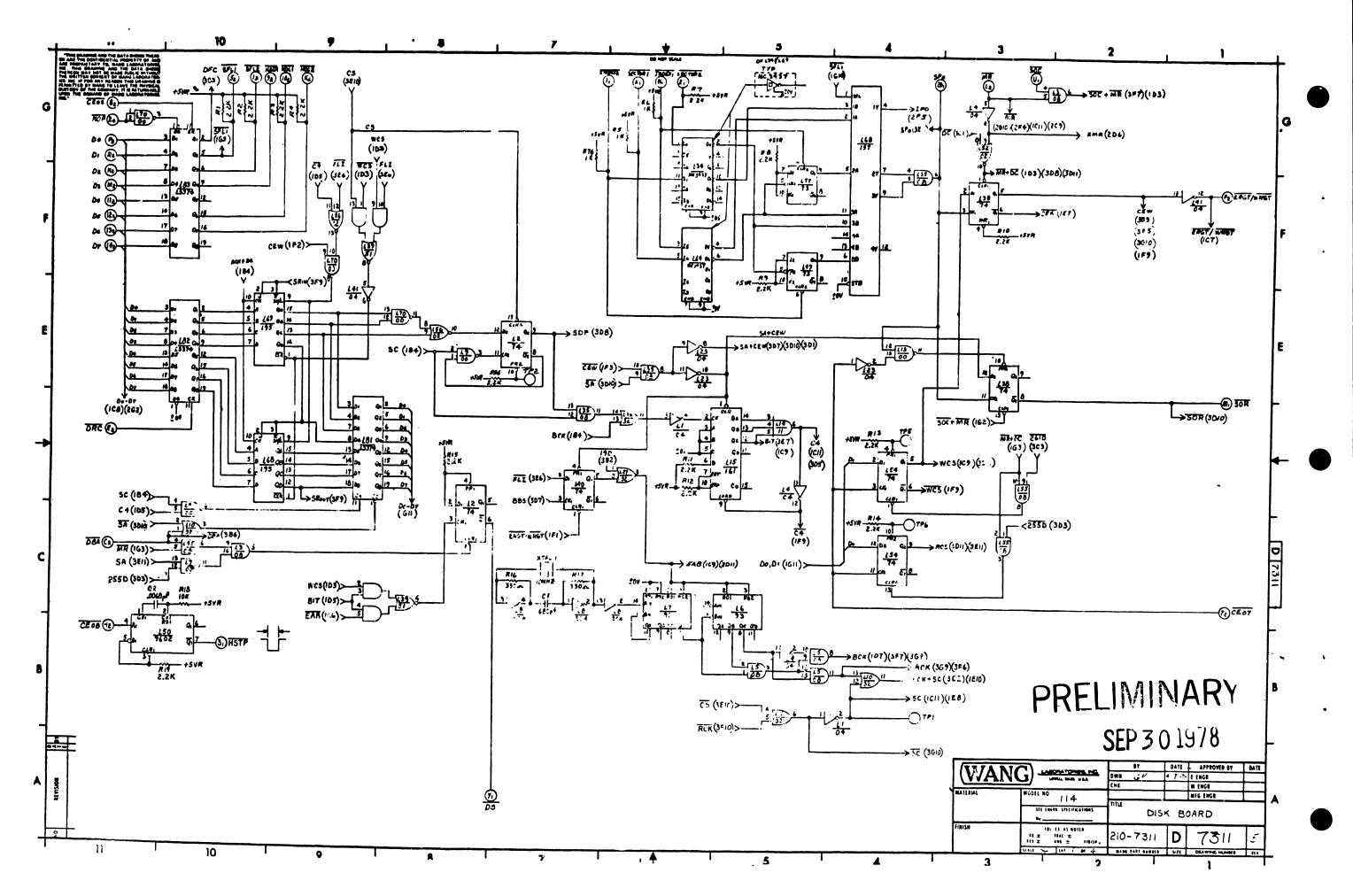


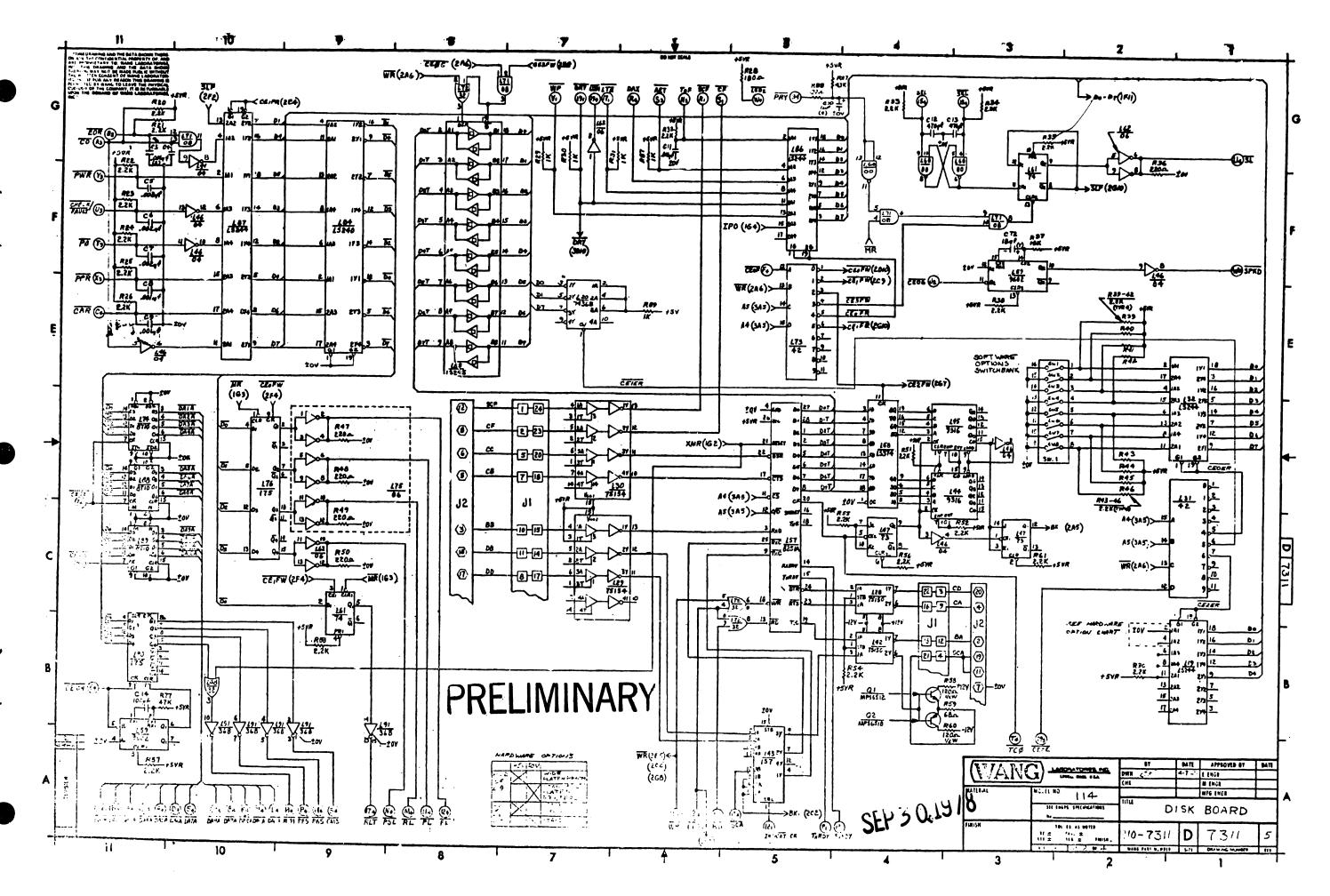


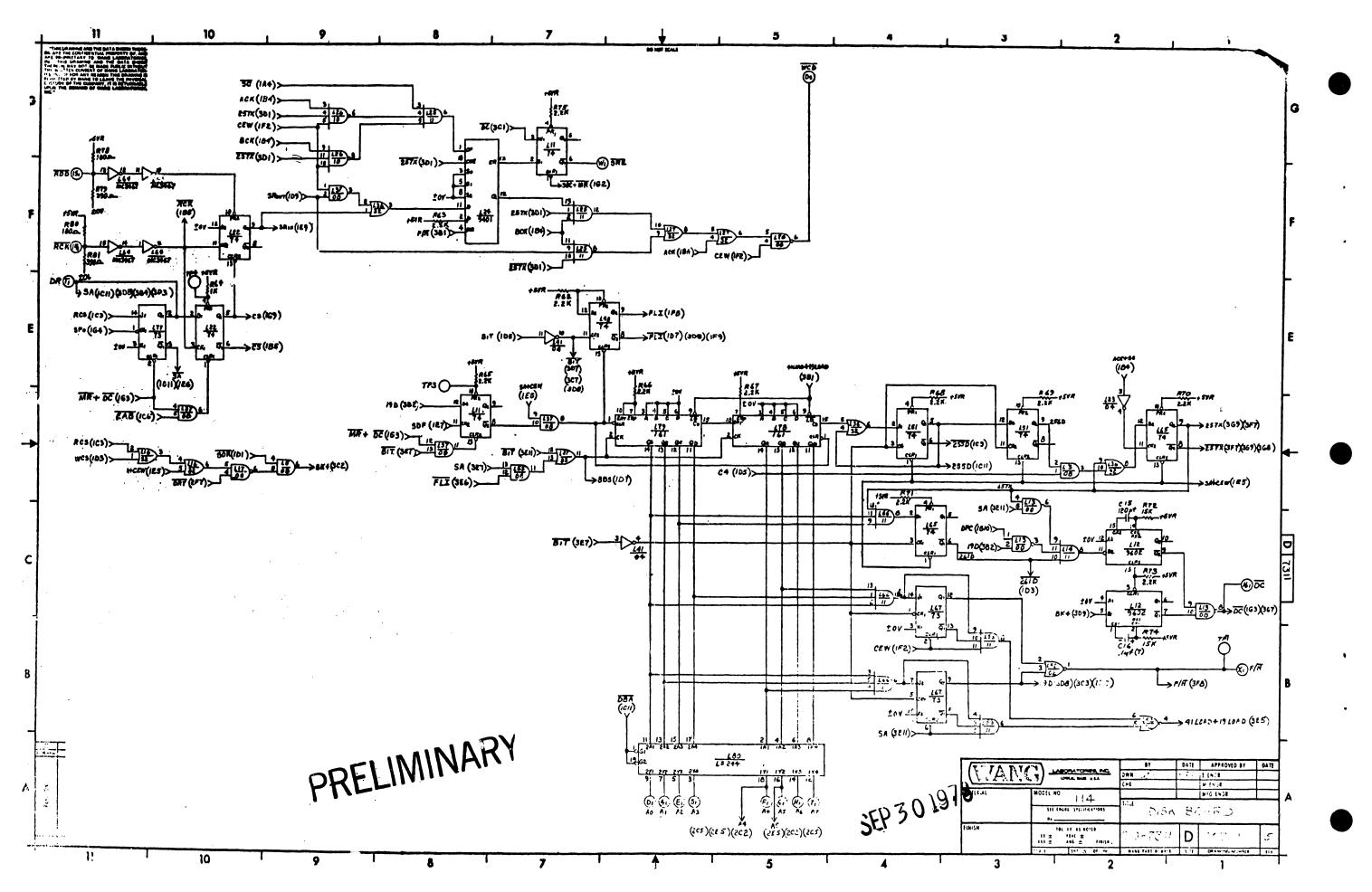


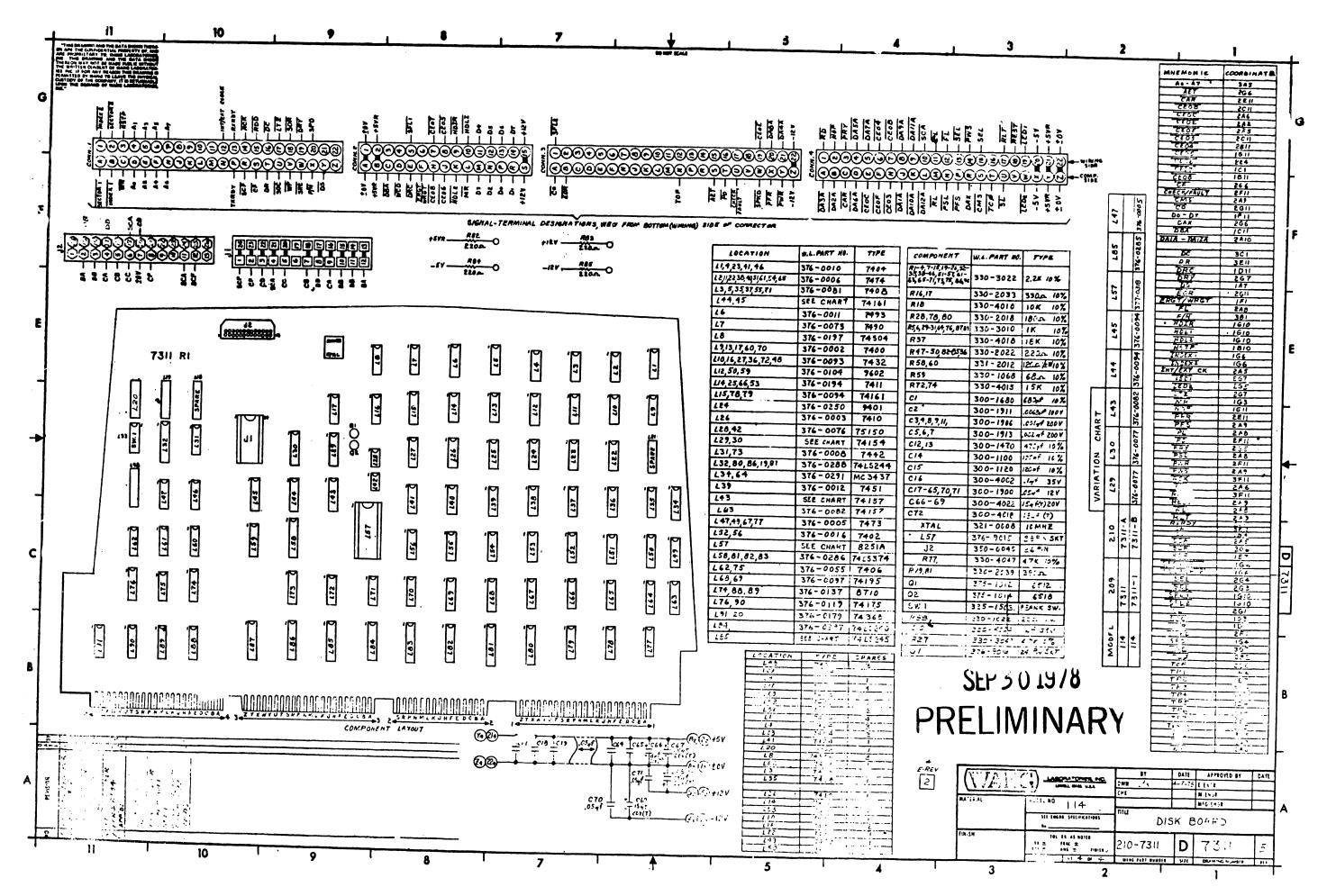


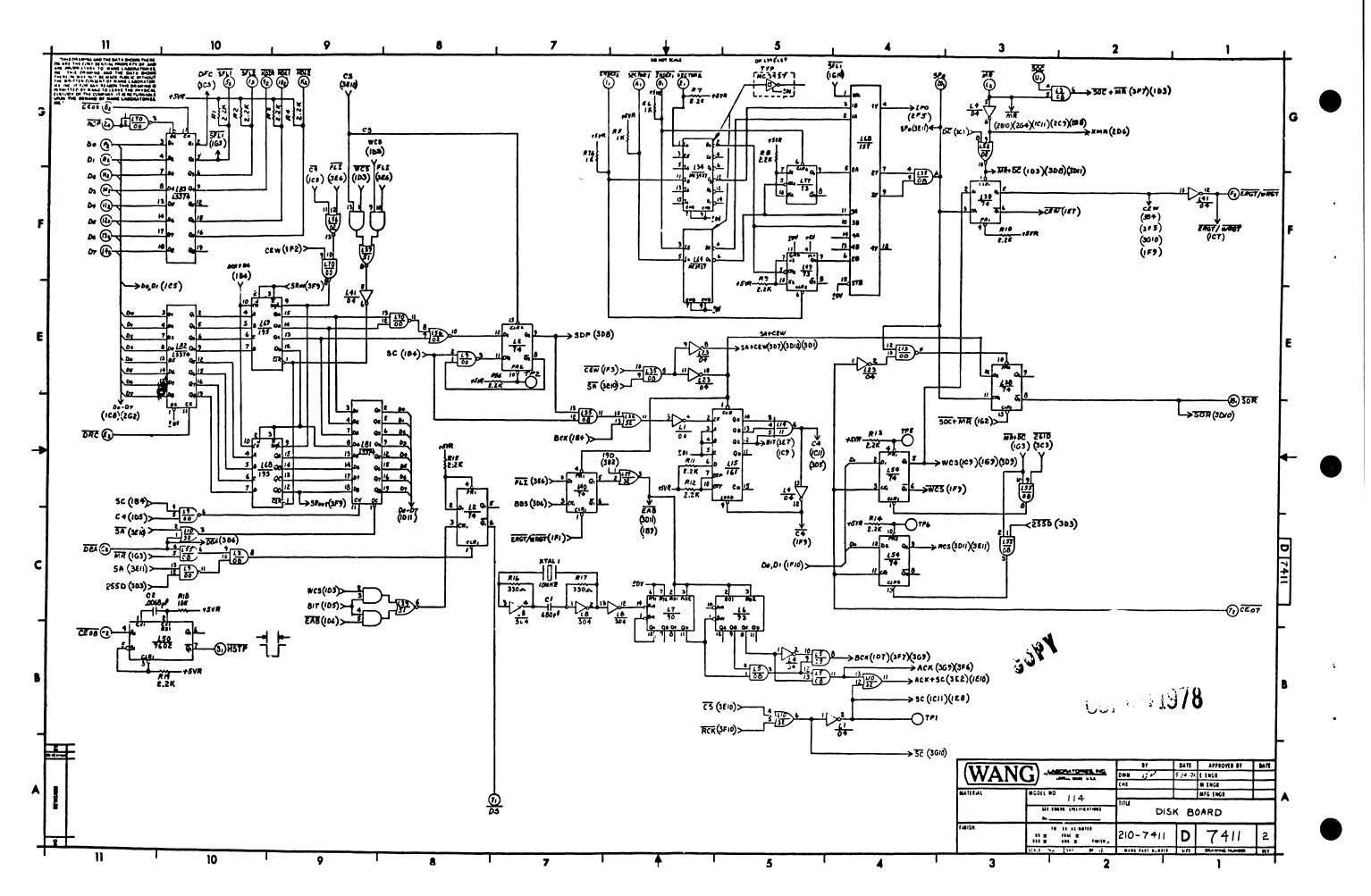


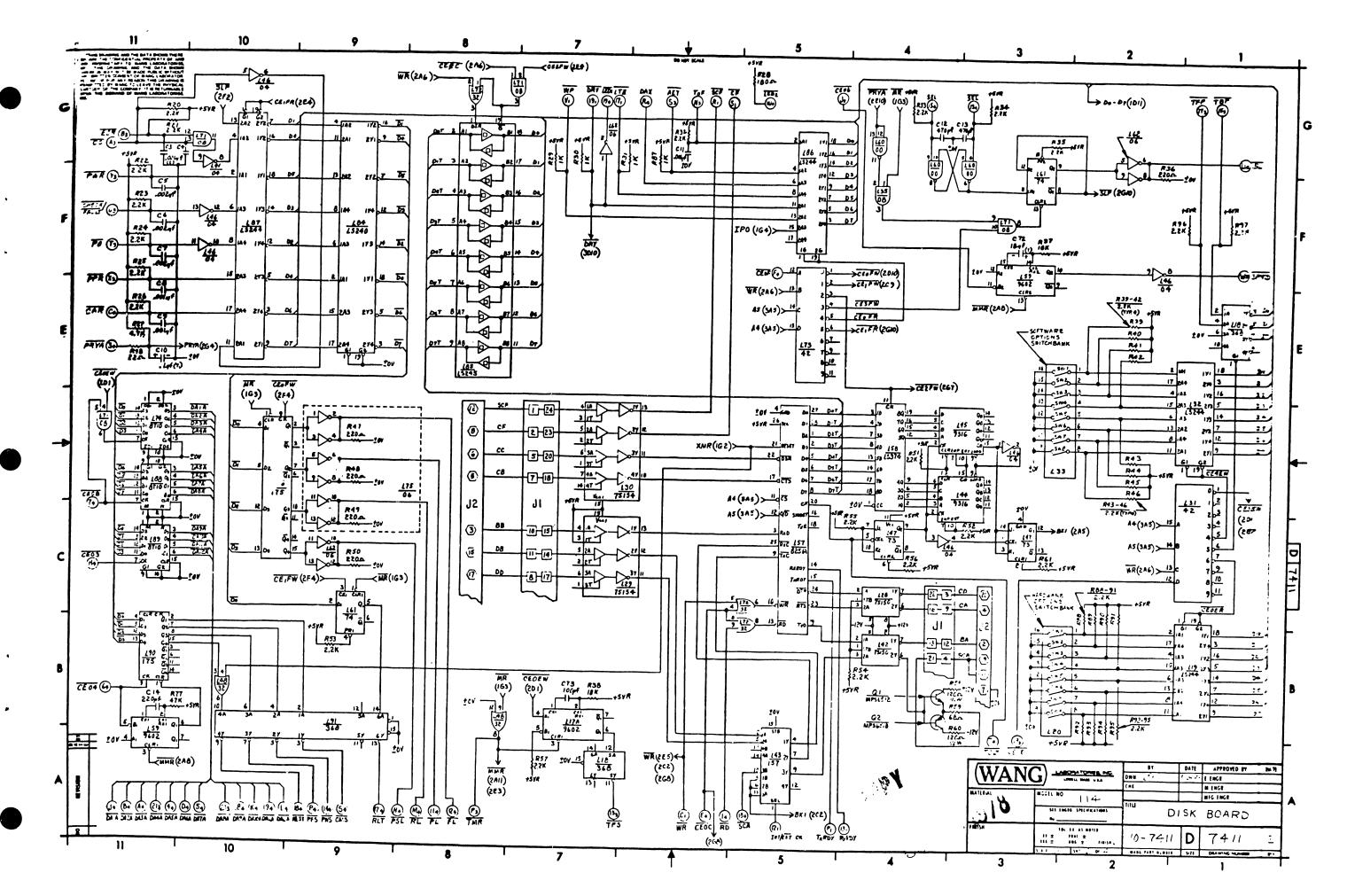


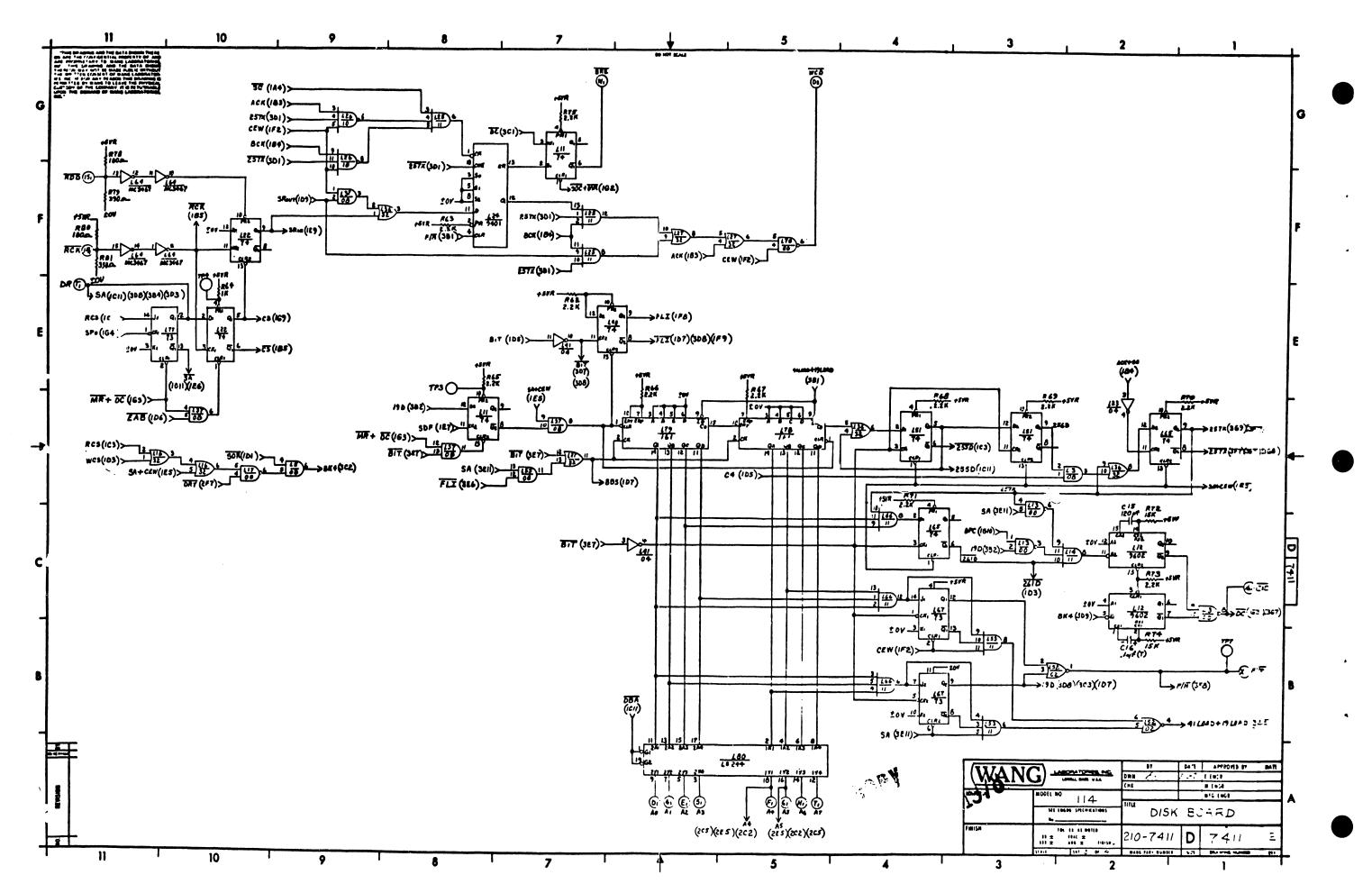


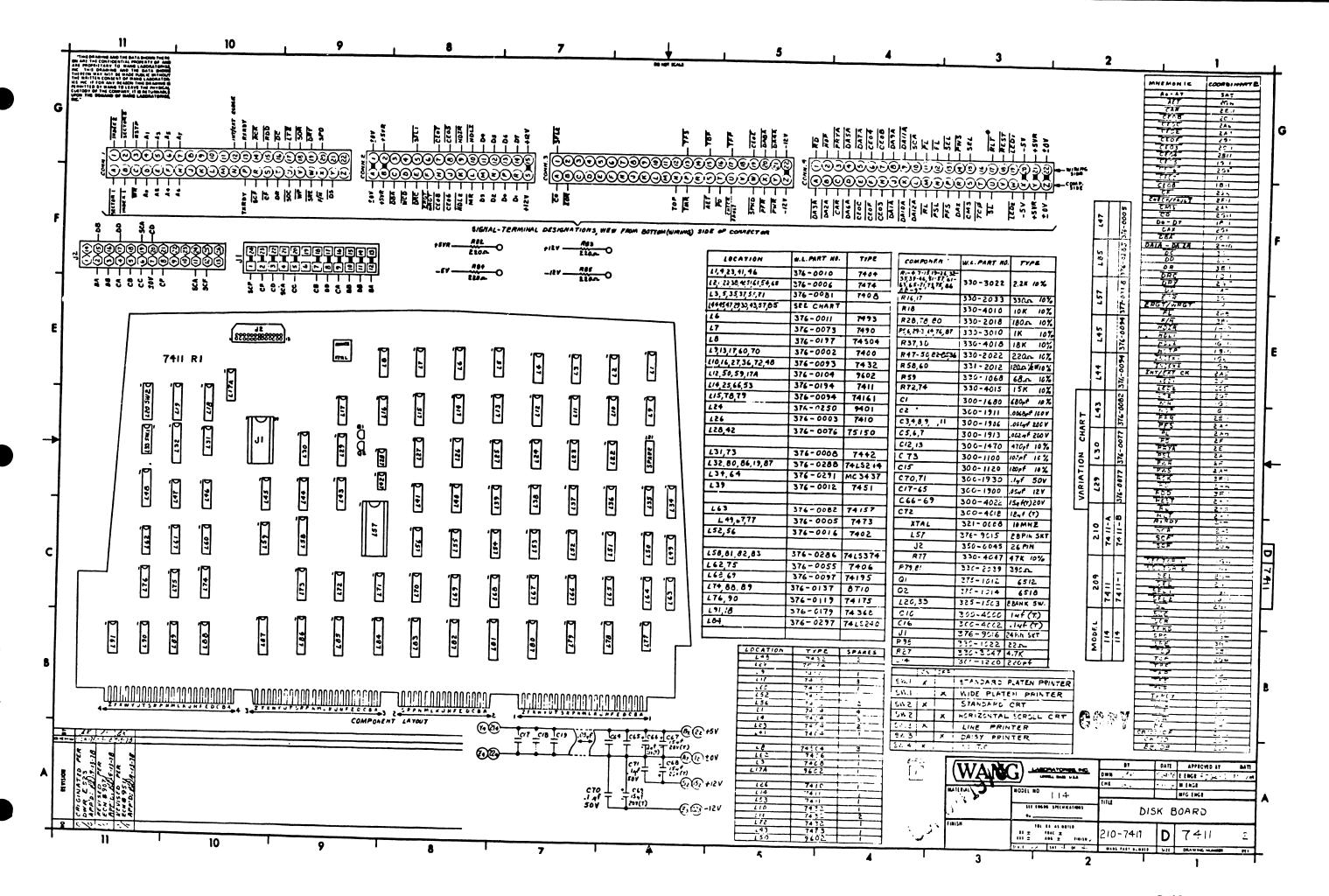


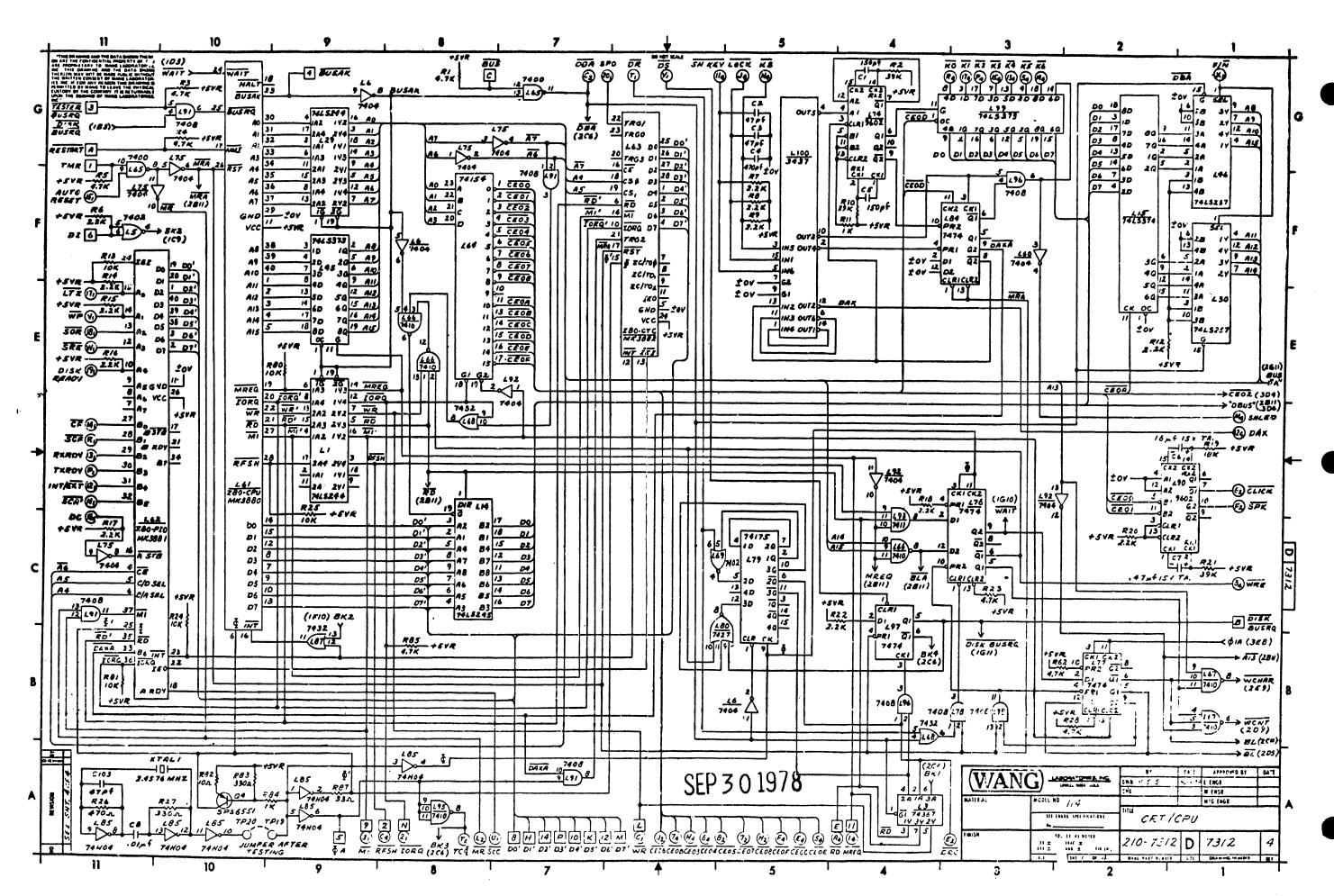


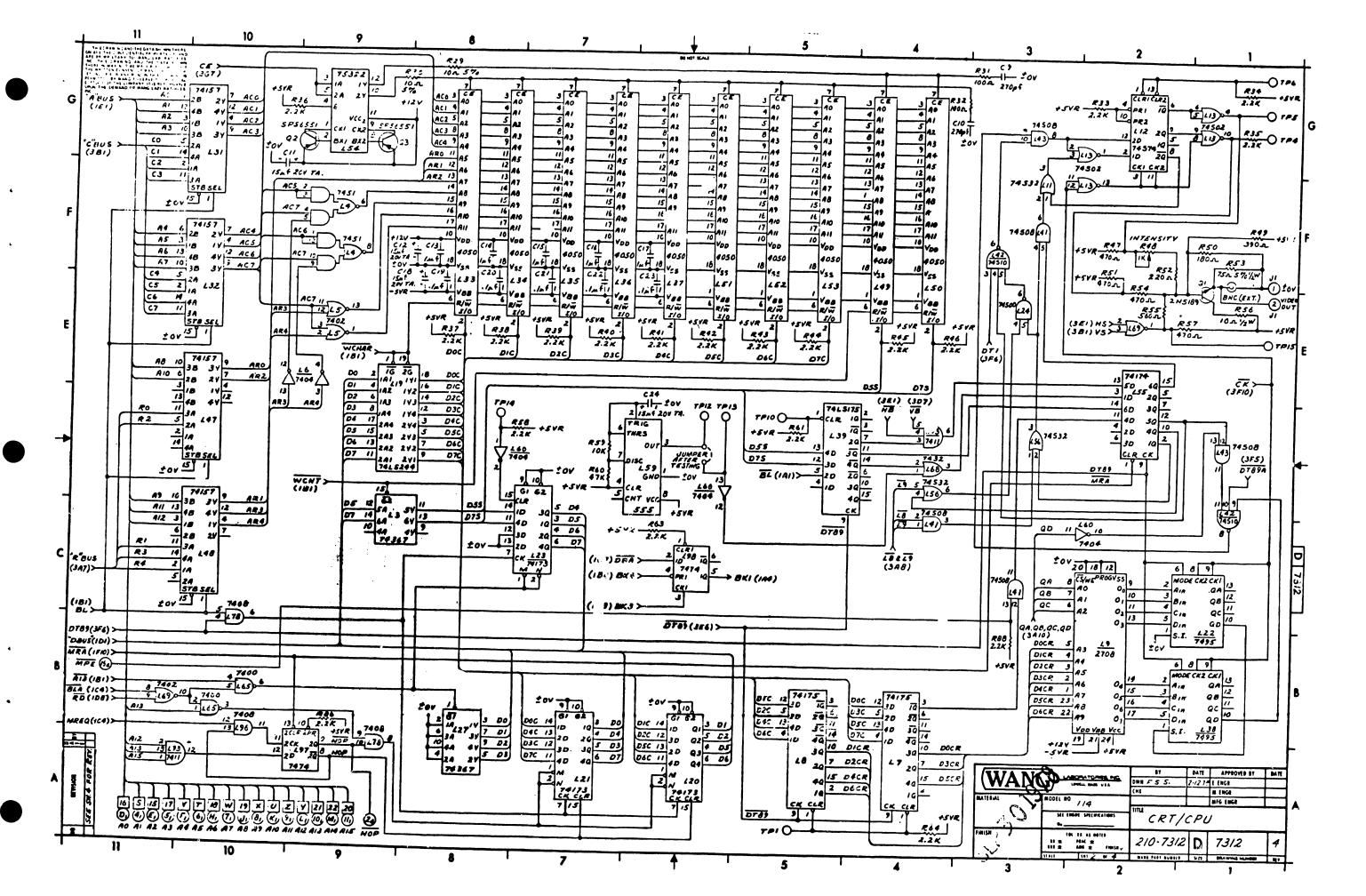


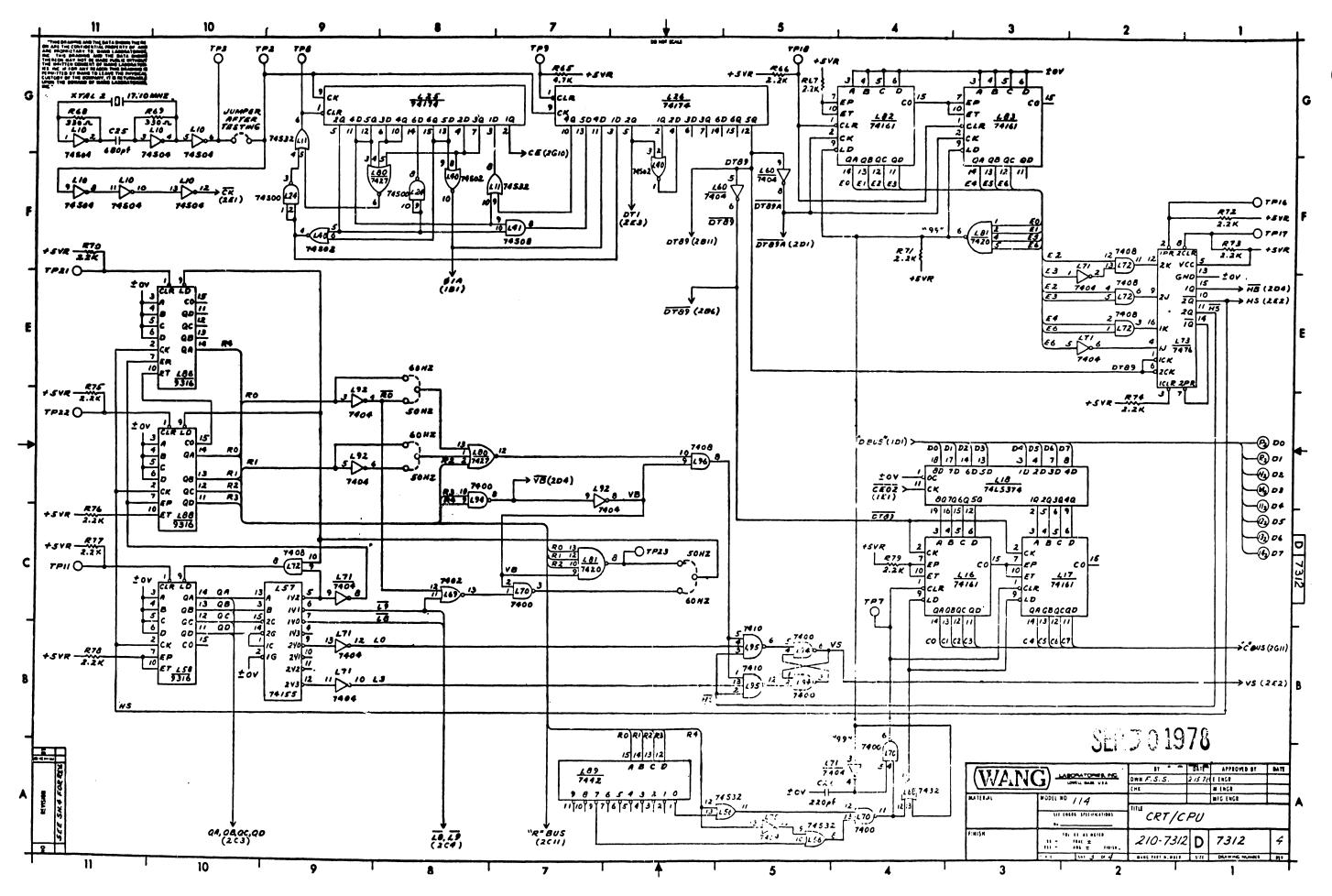


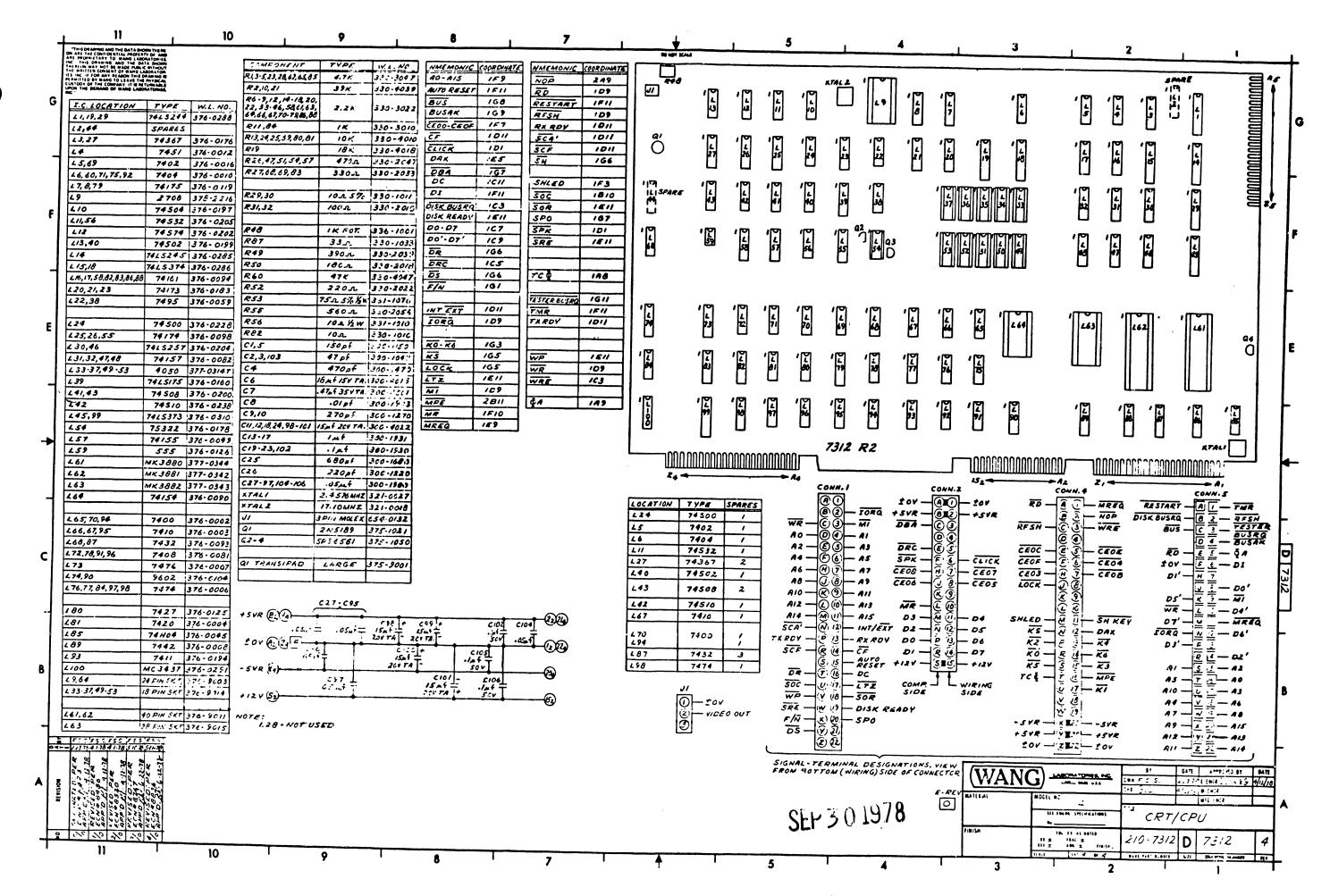


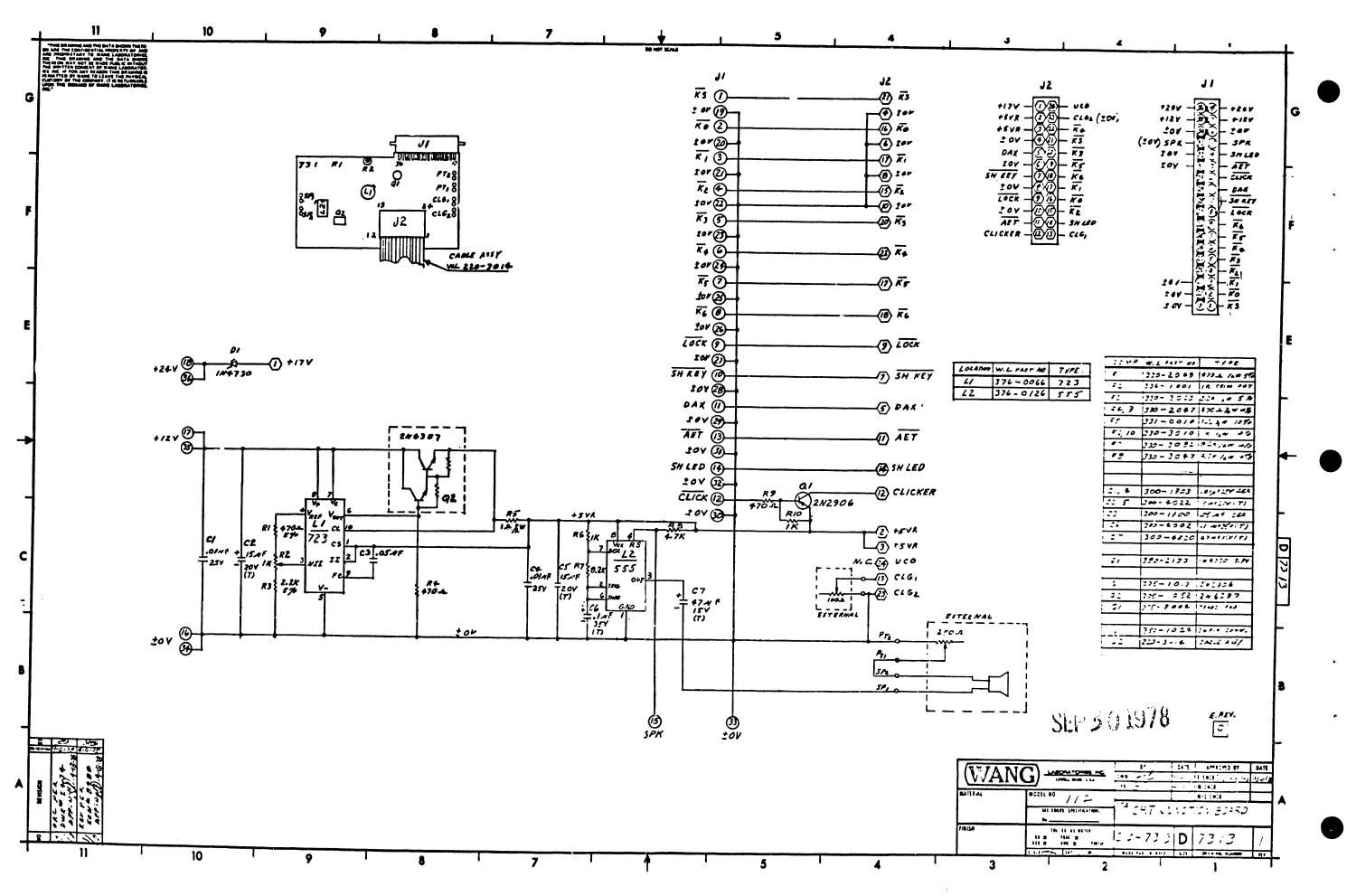


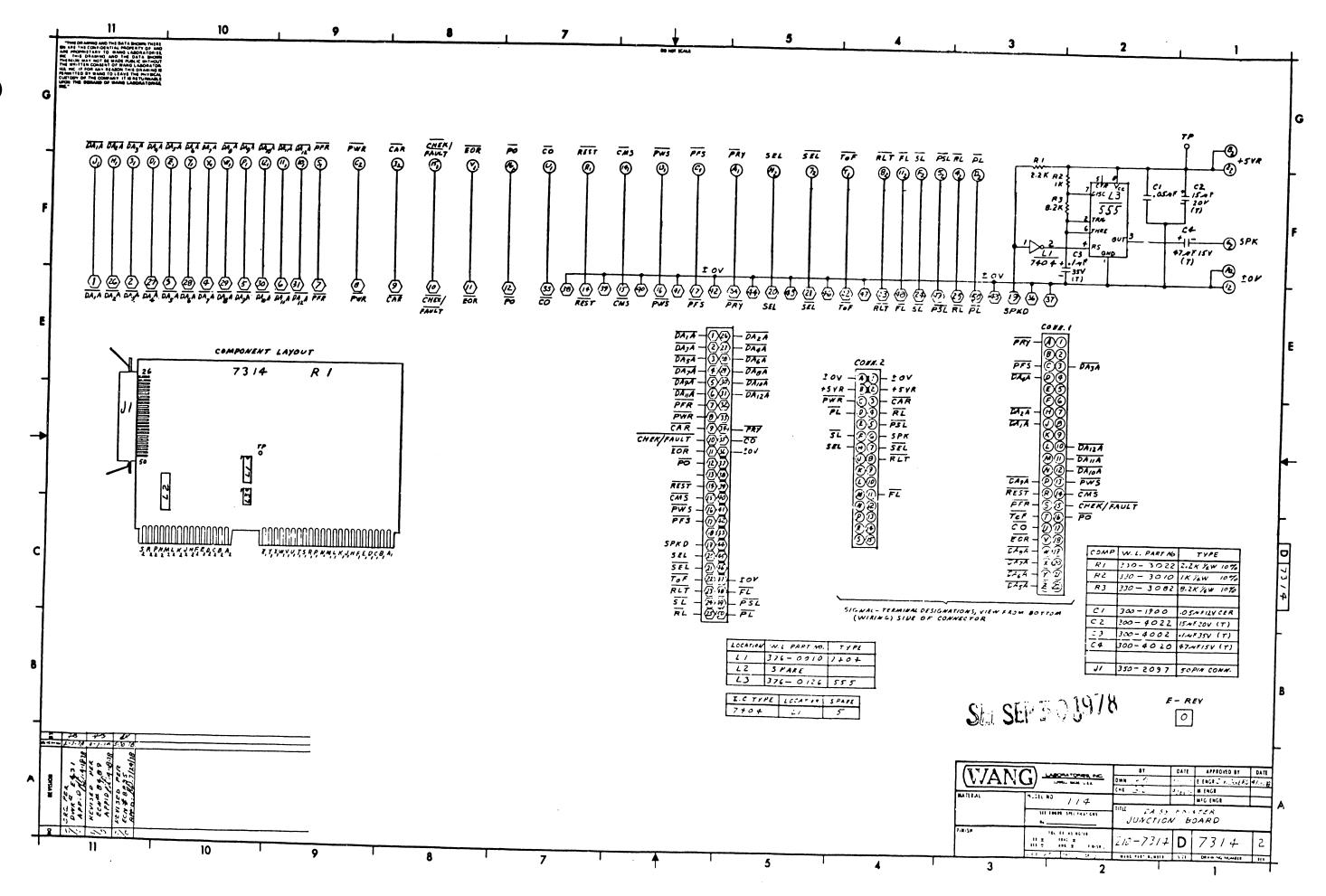


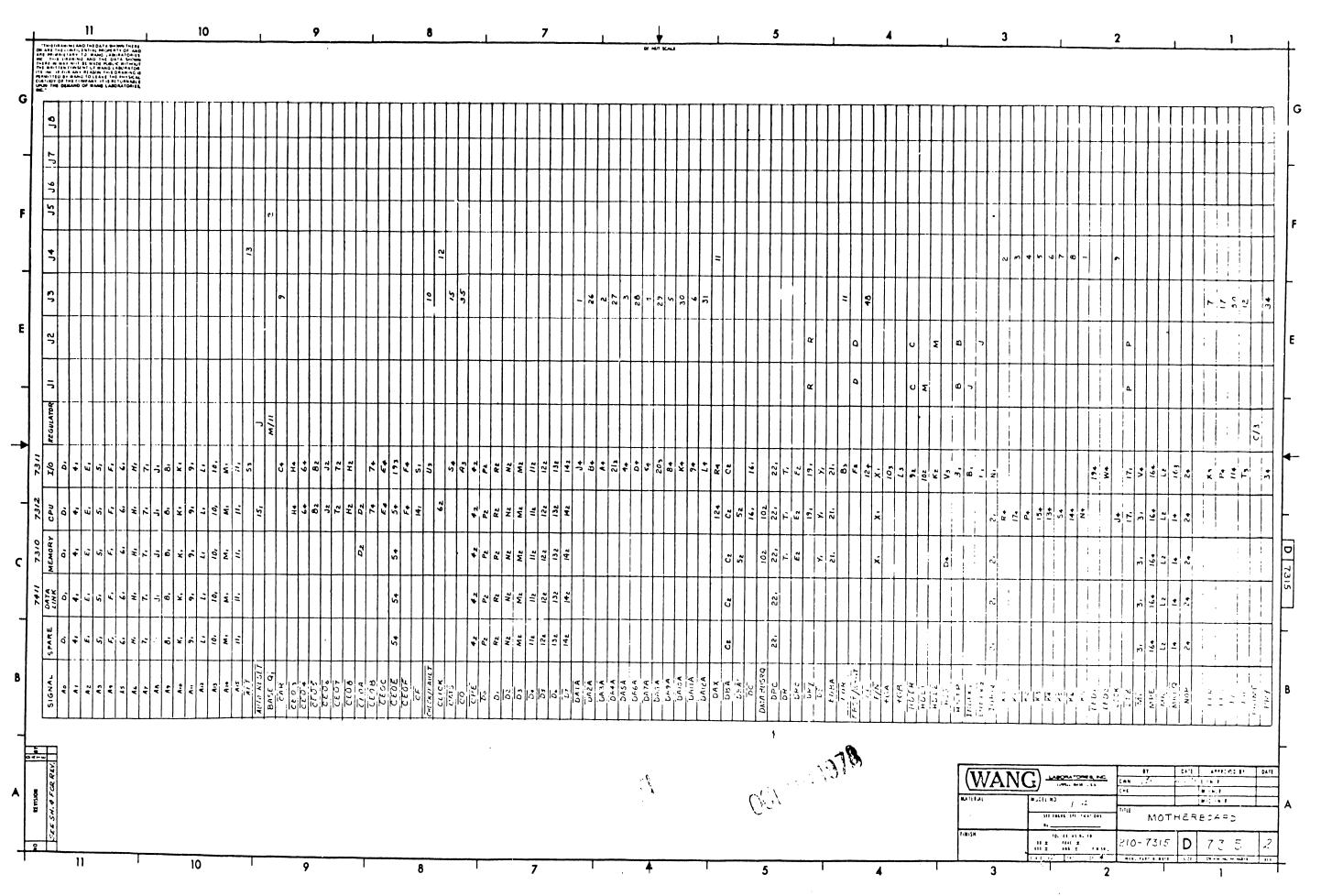


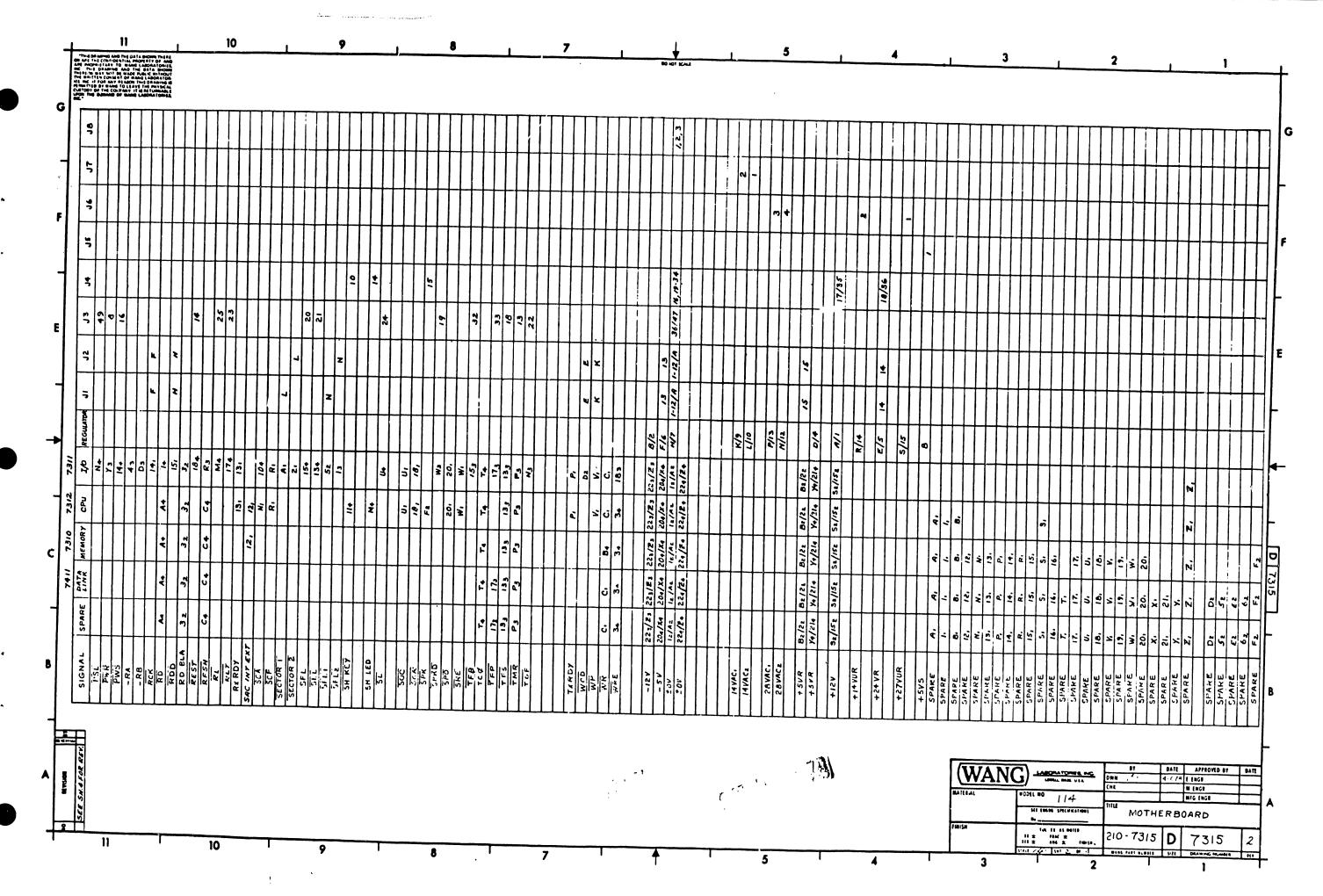


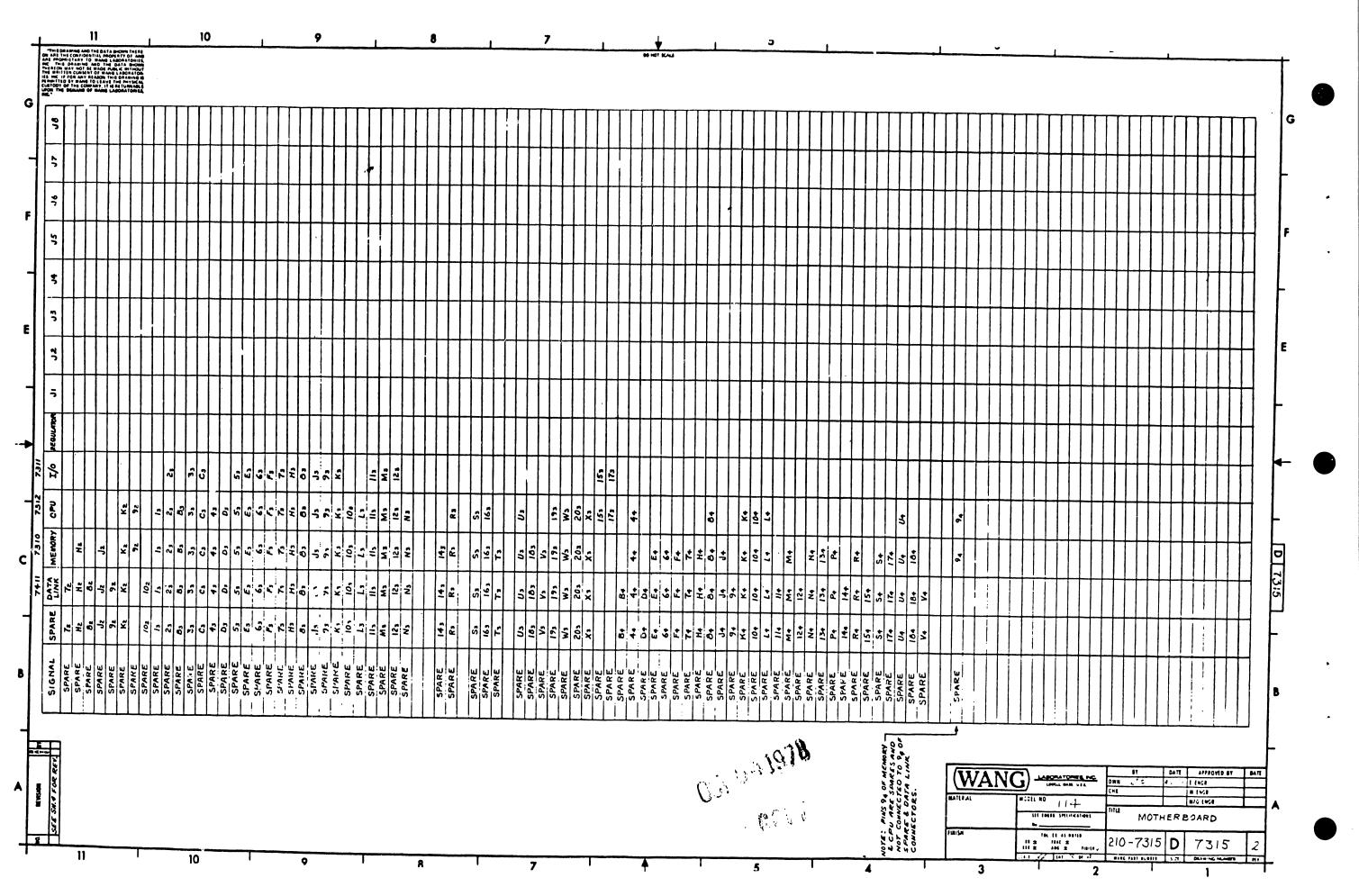


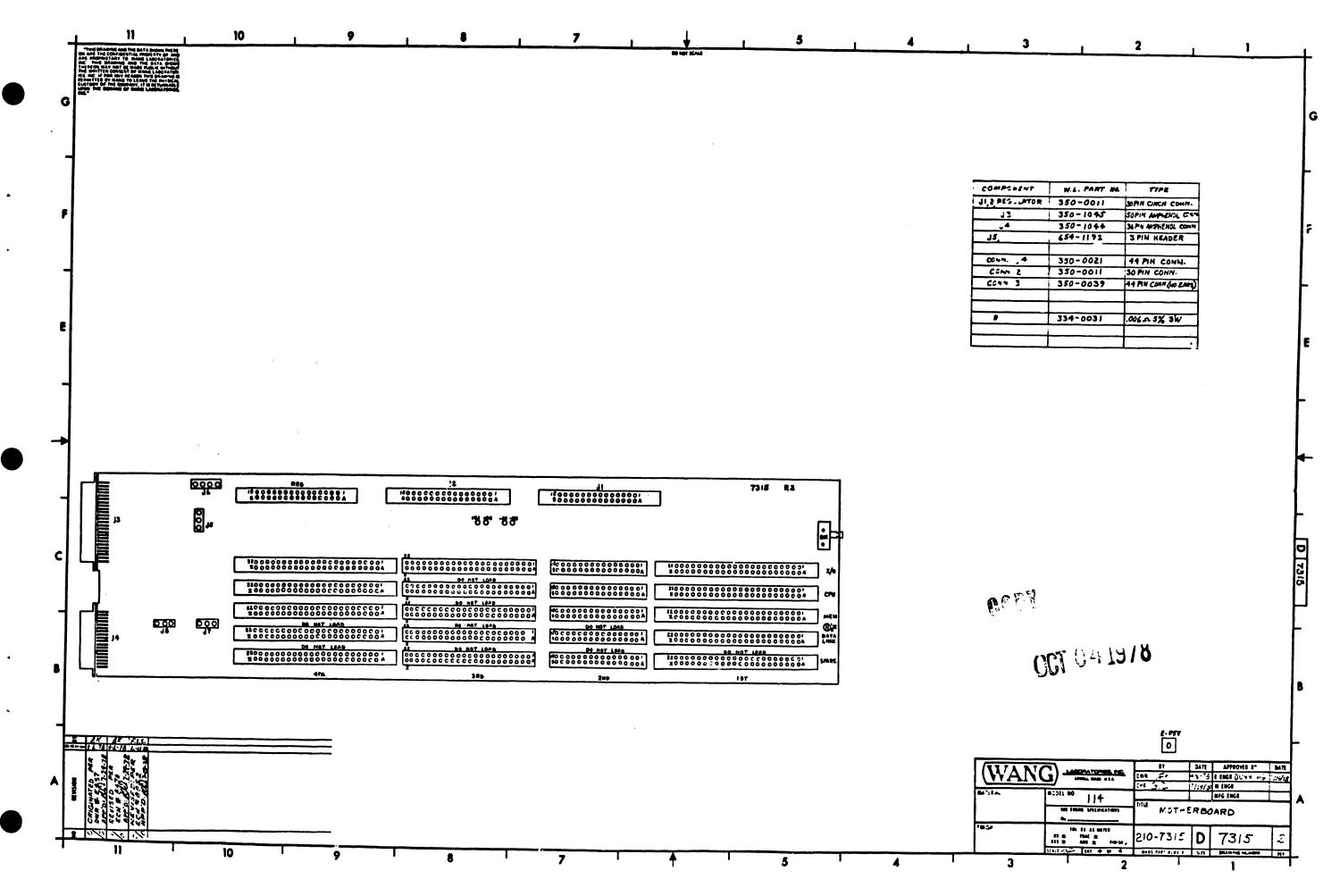


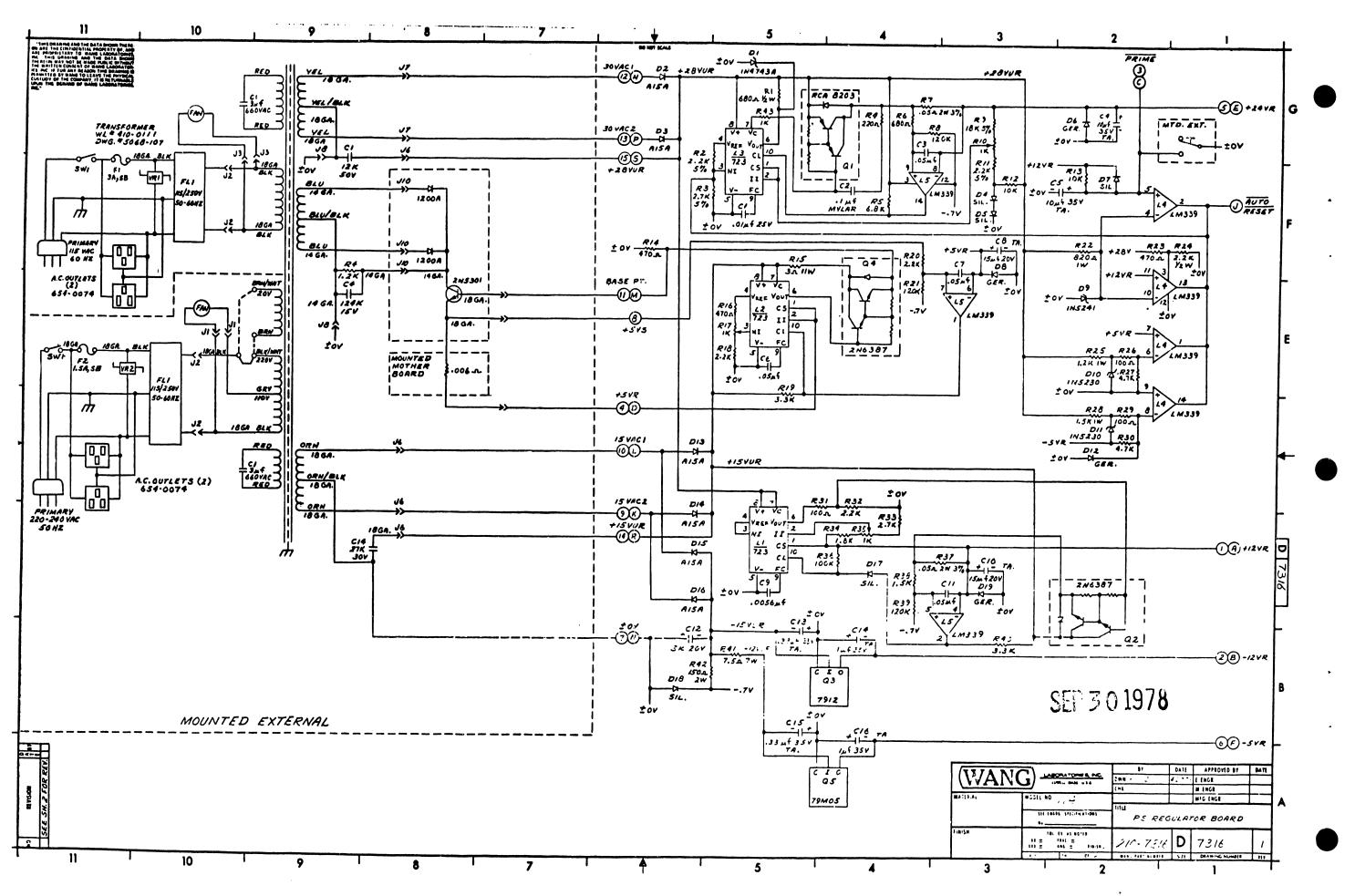


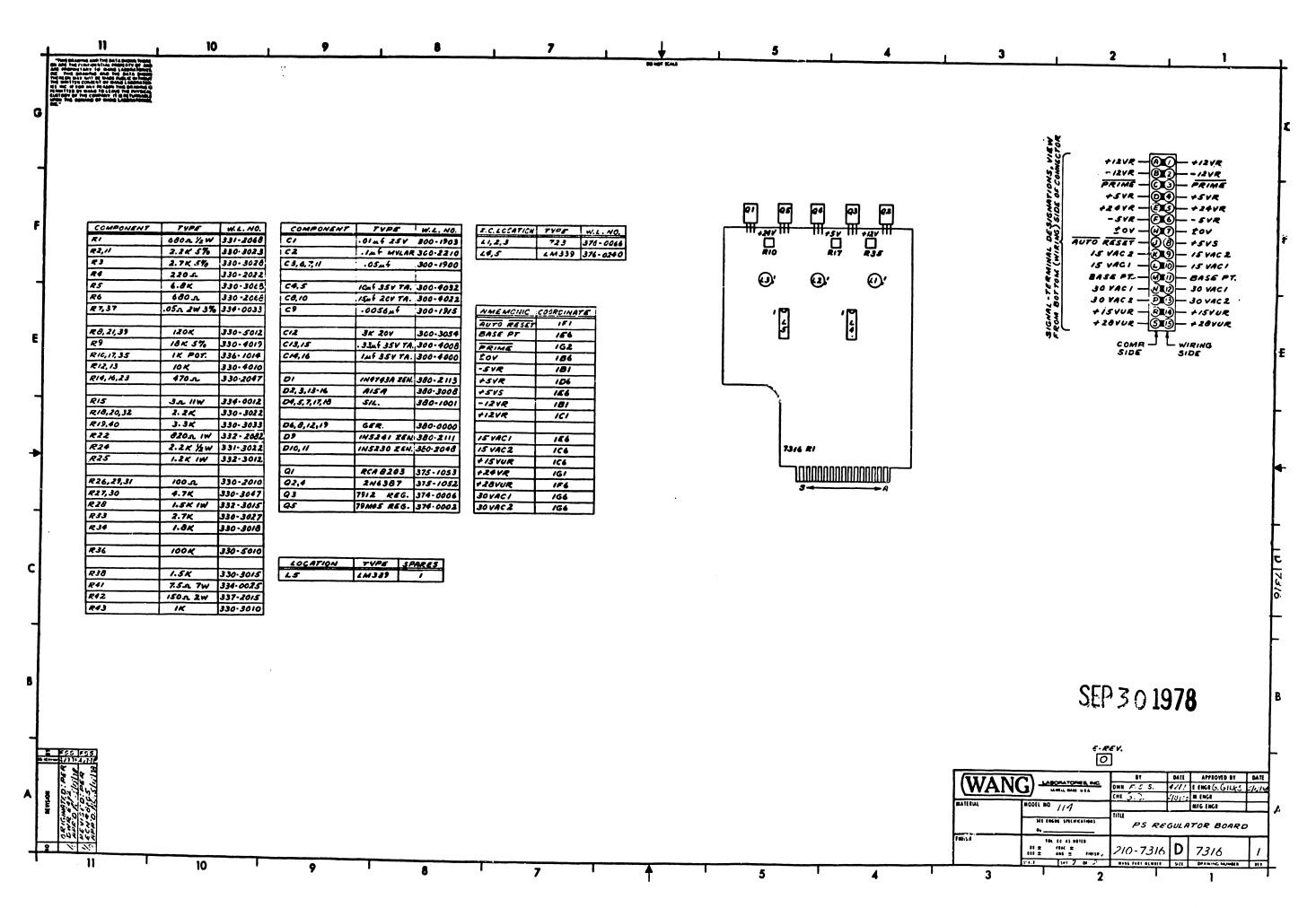


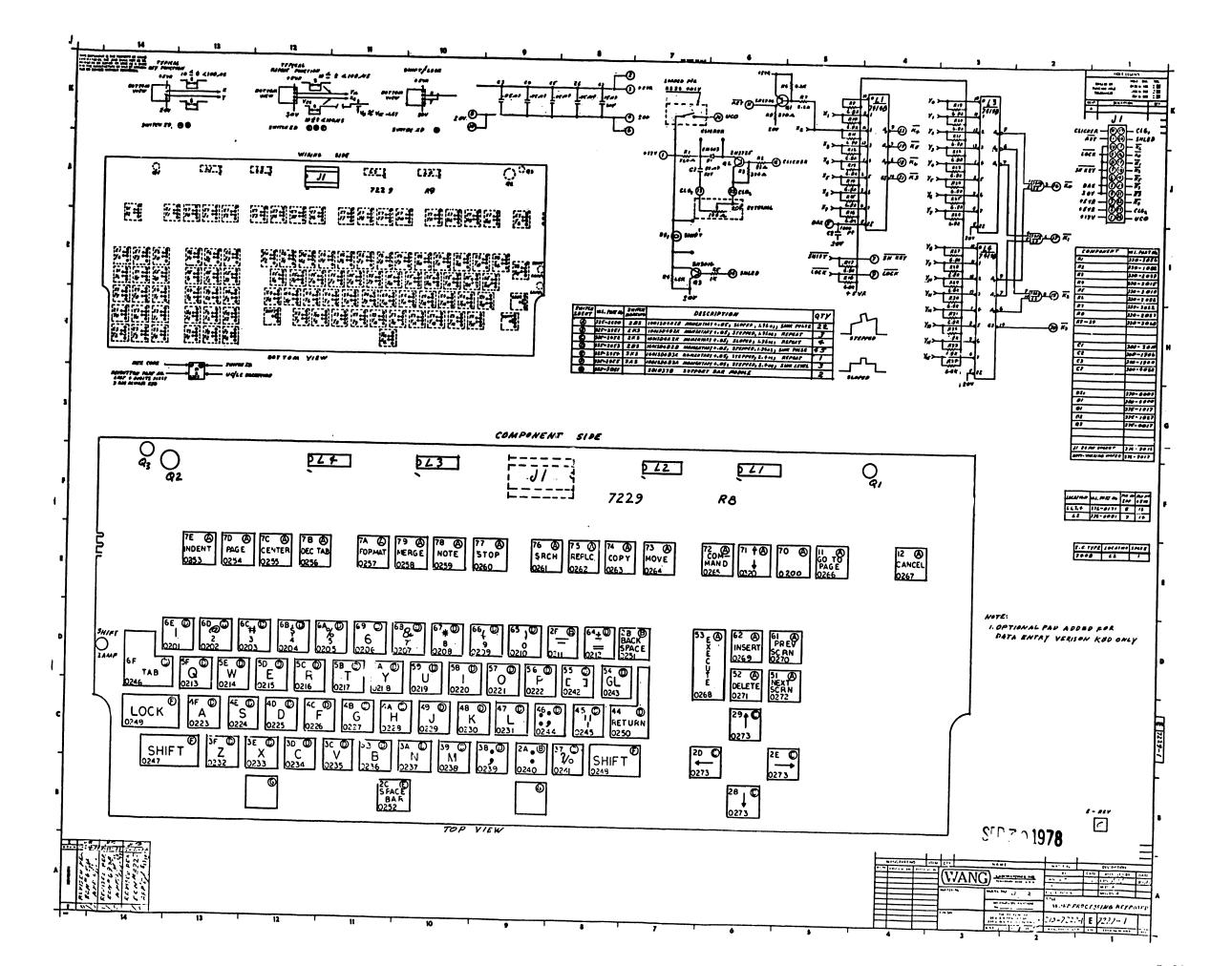


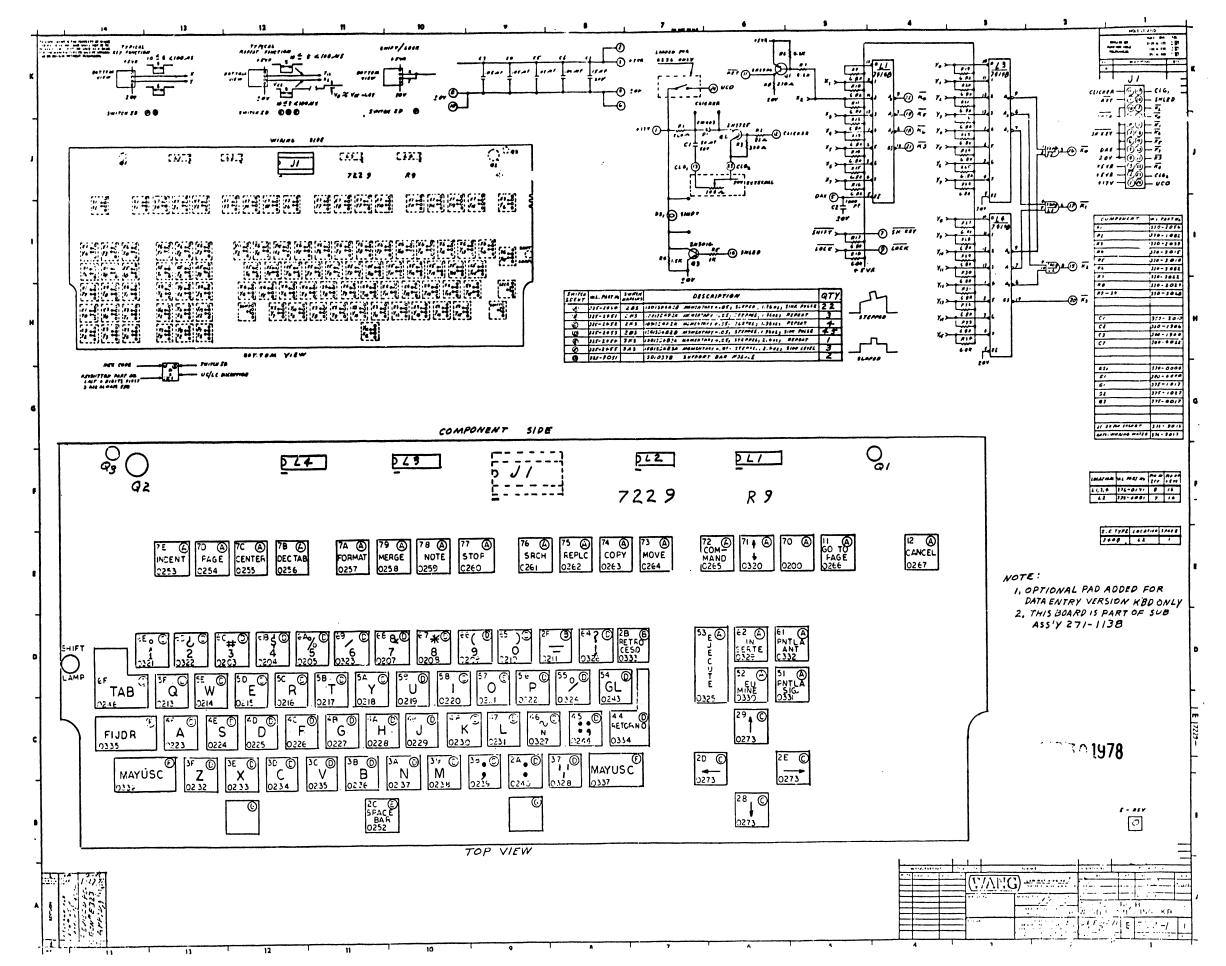


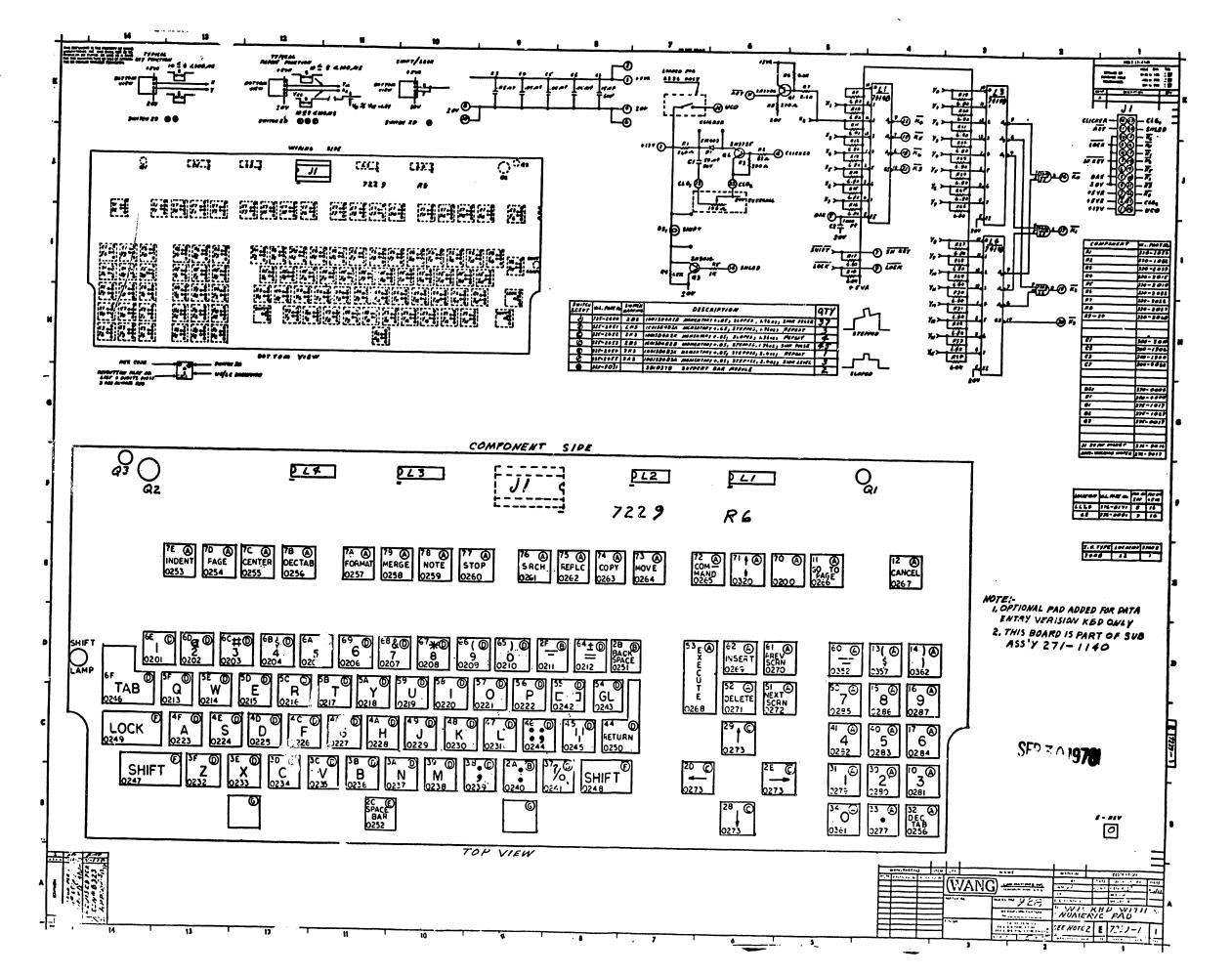


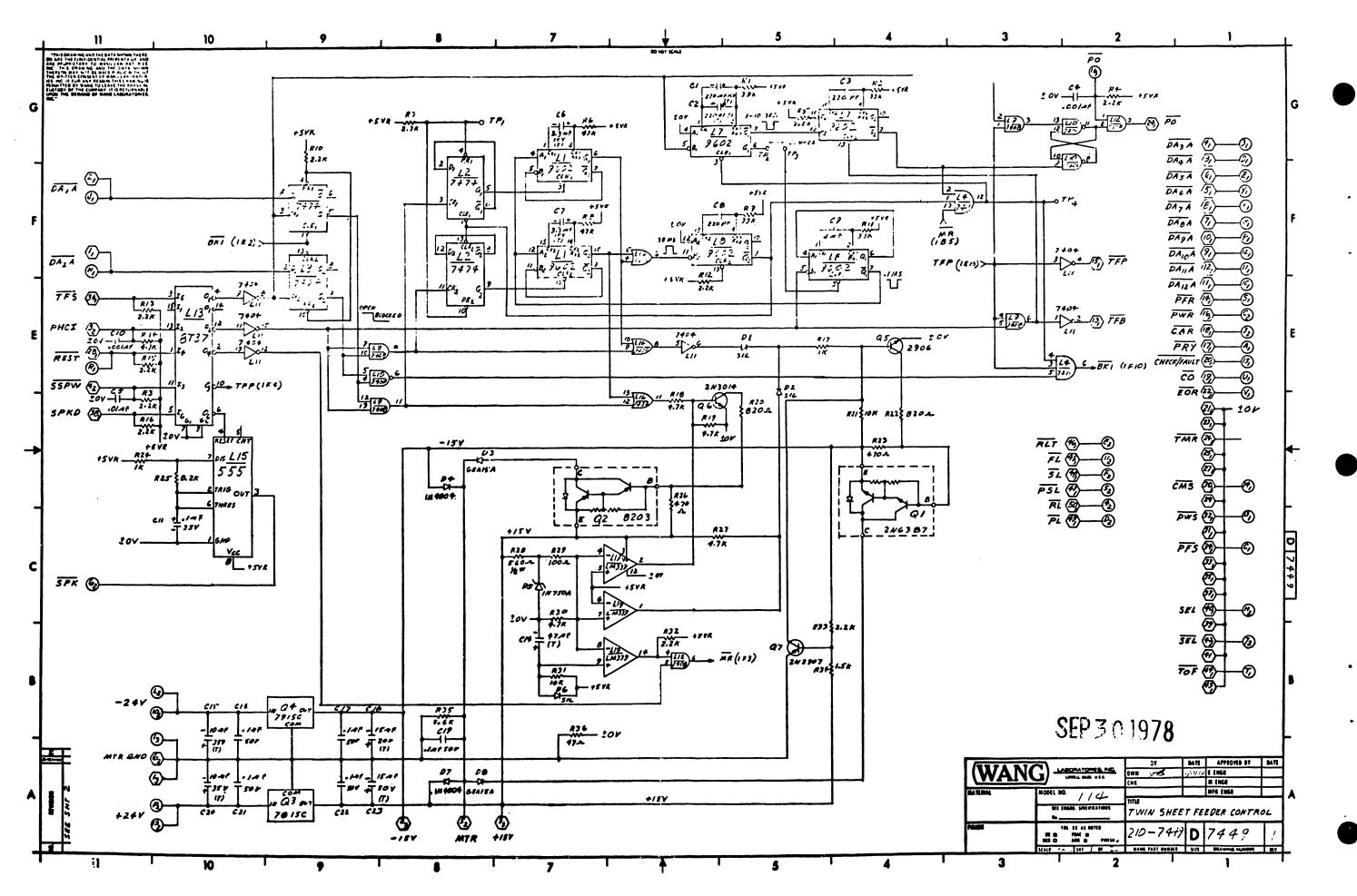


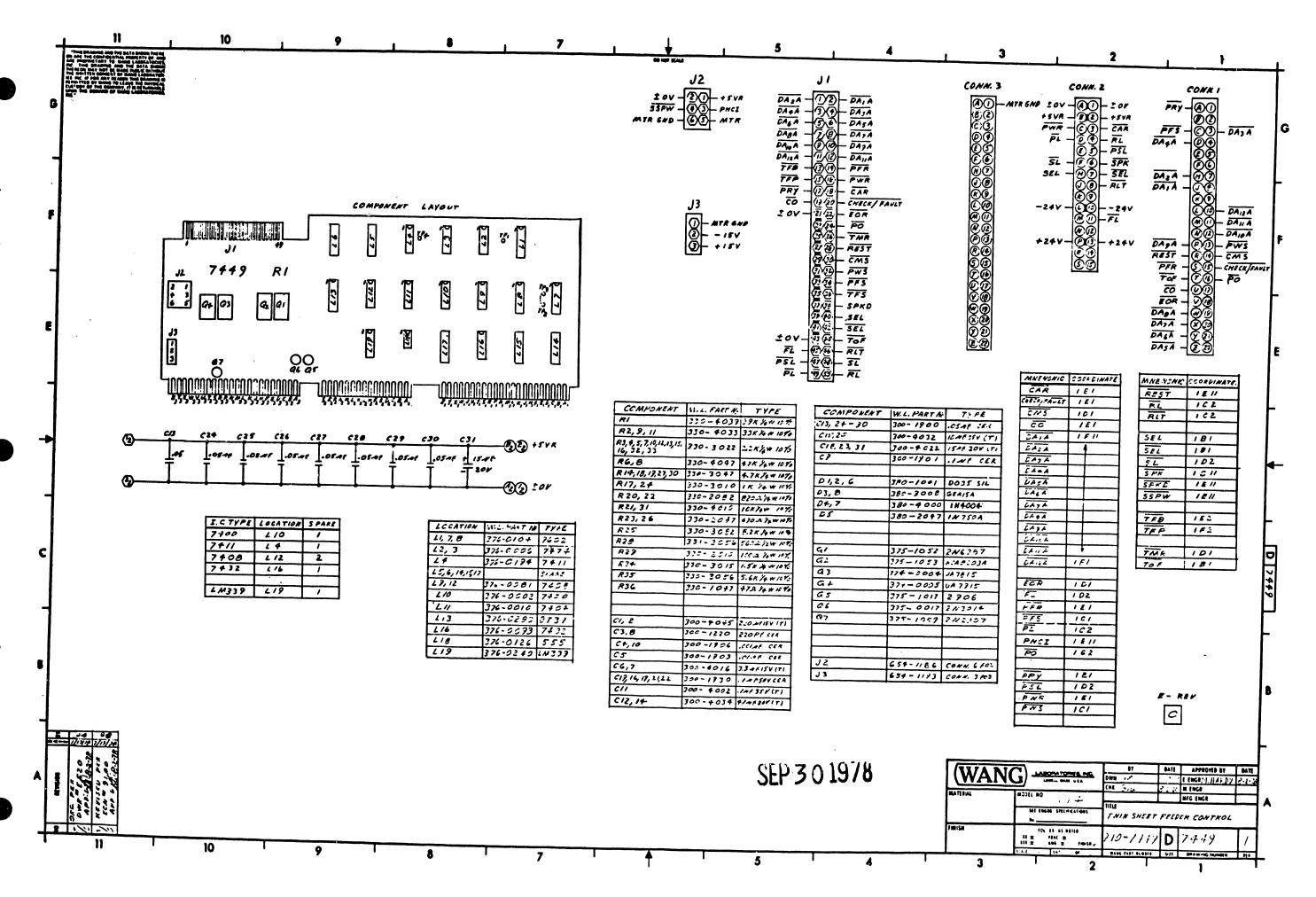






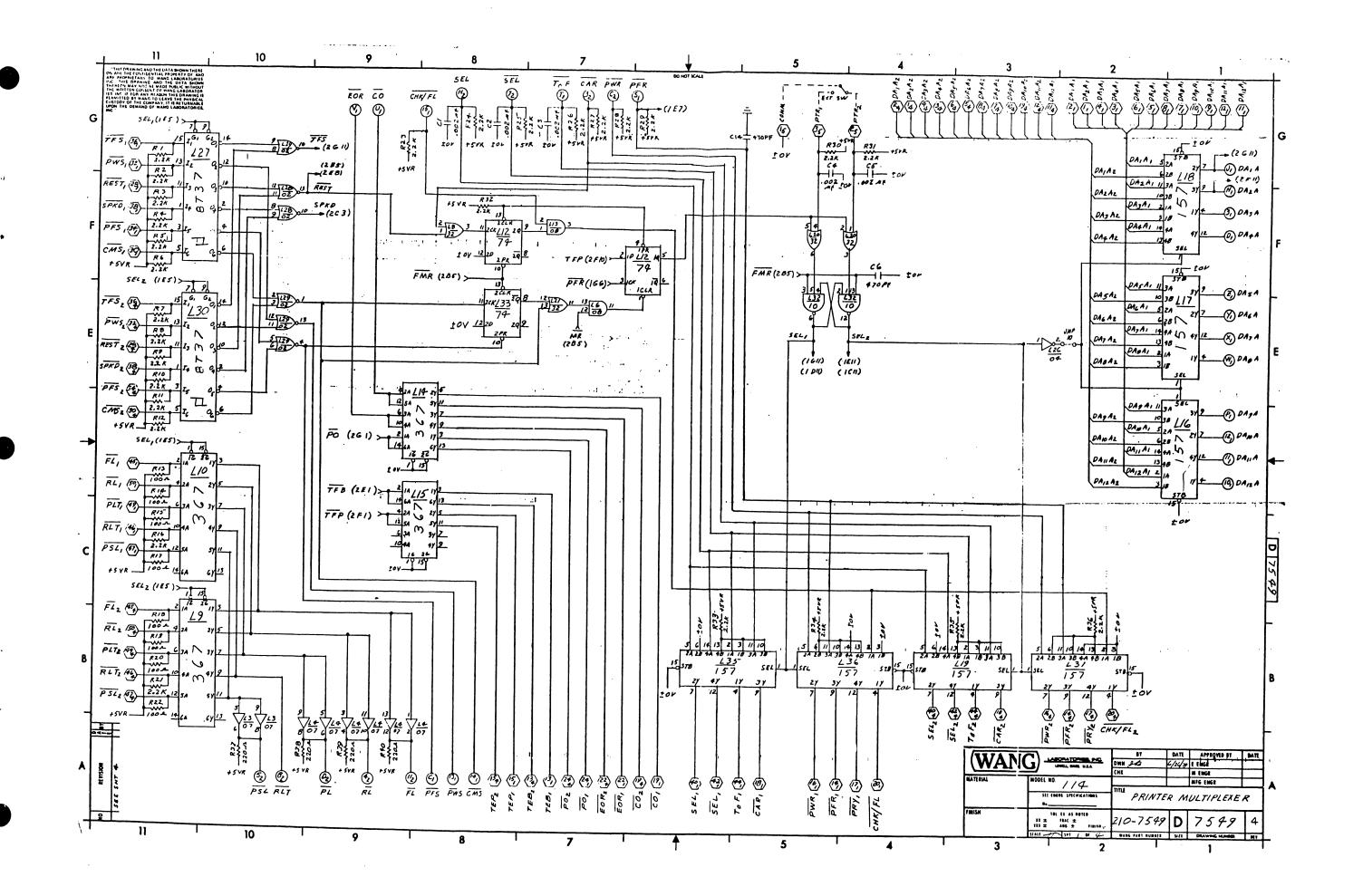


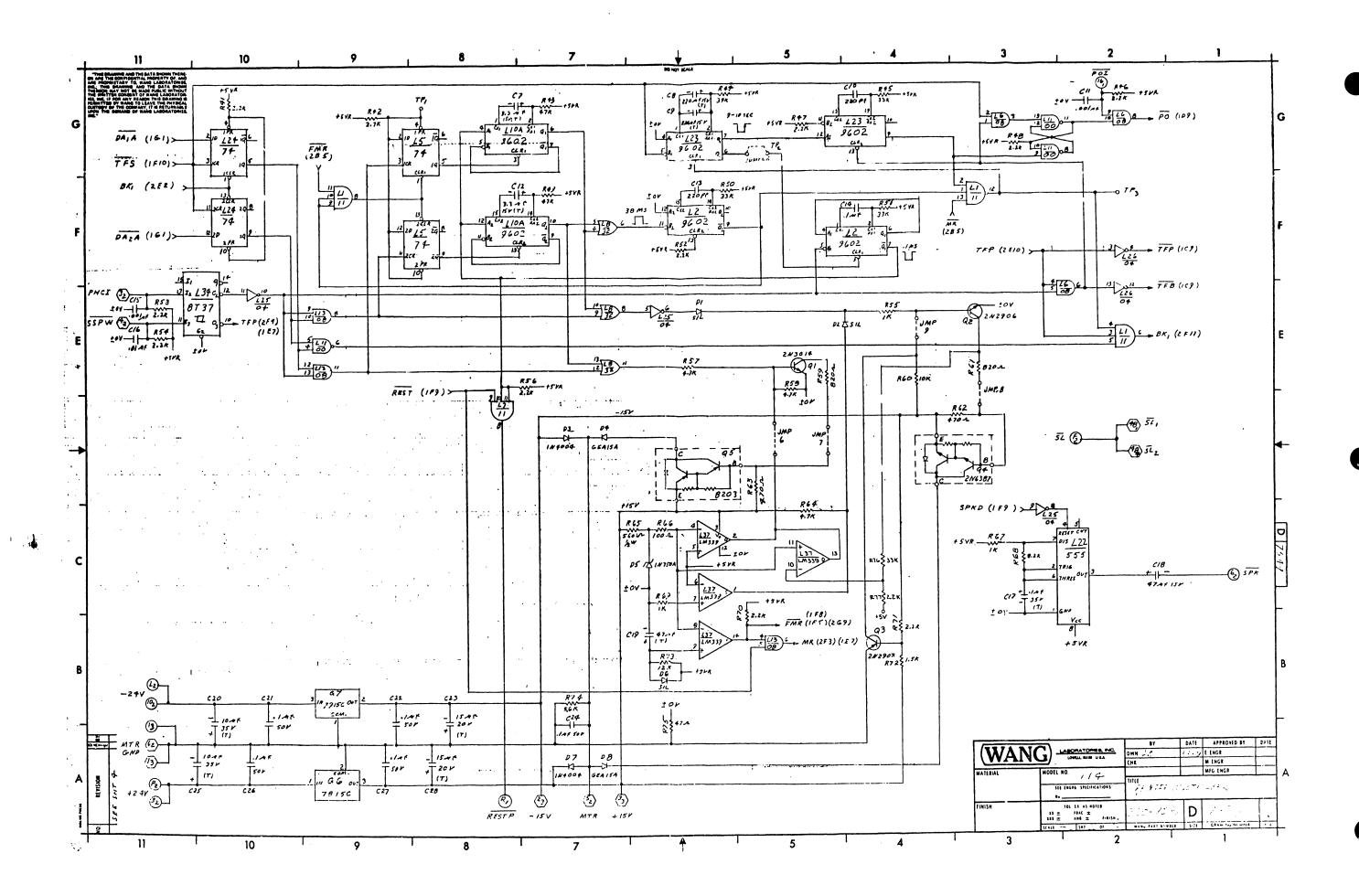




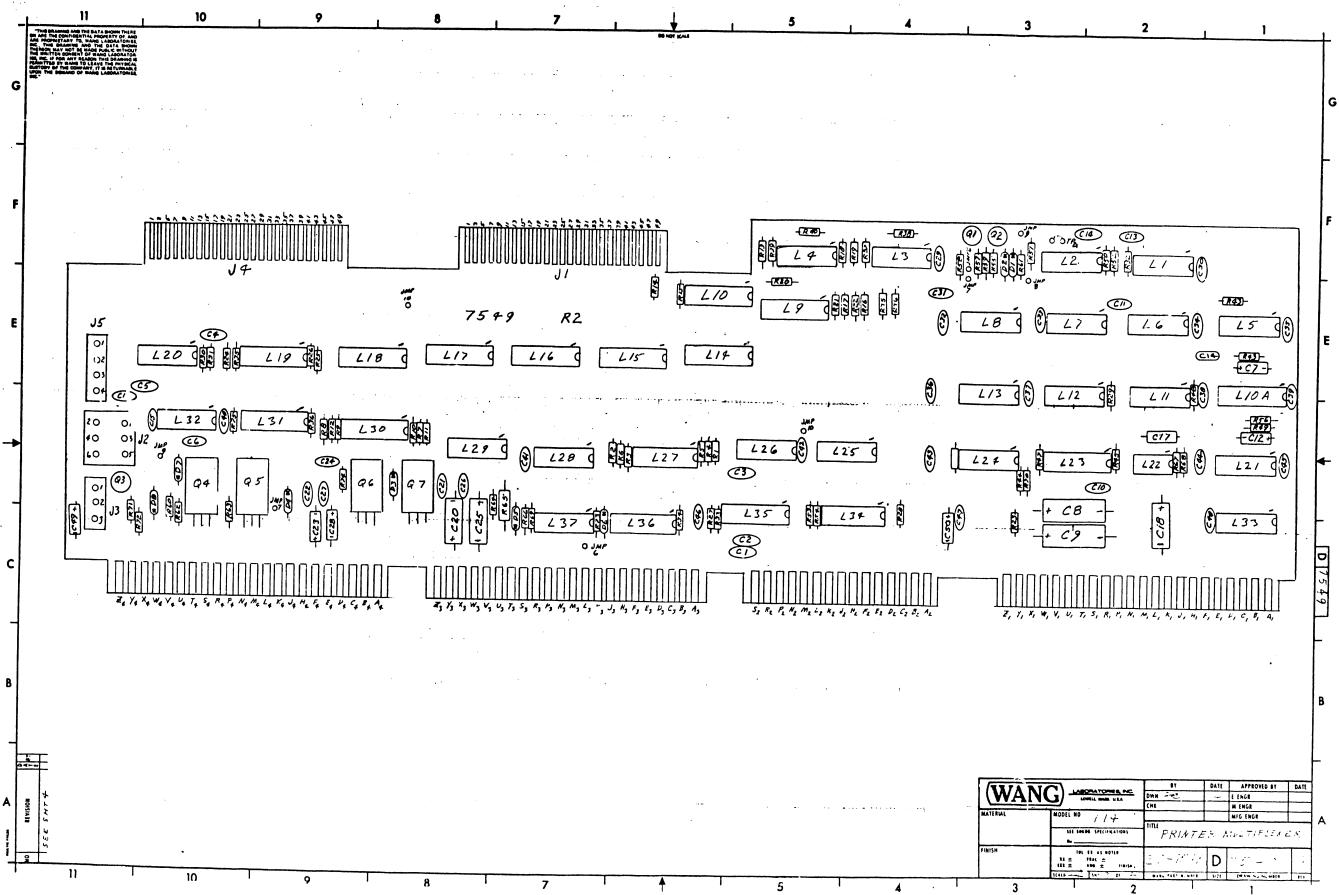
## APPENDIX E

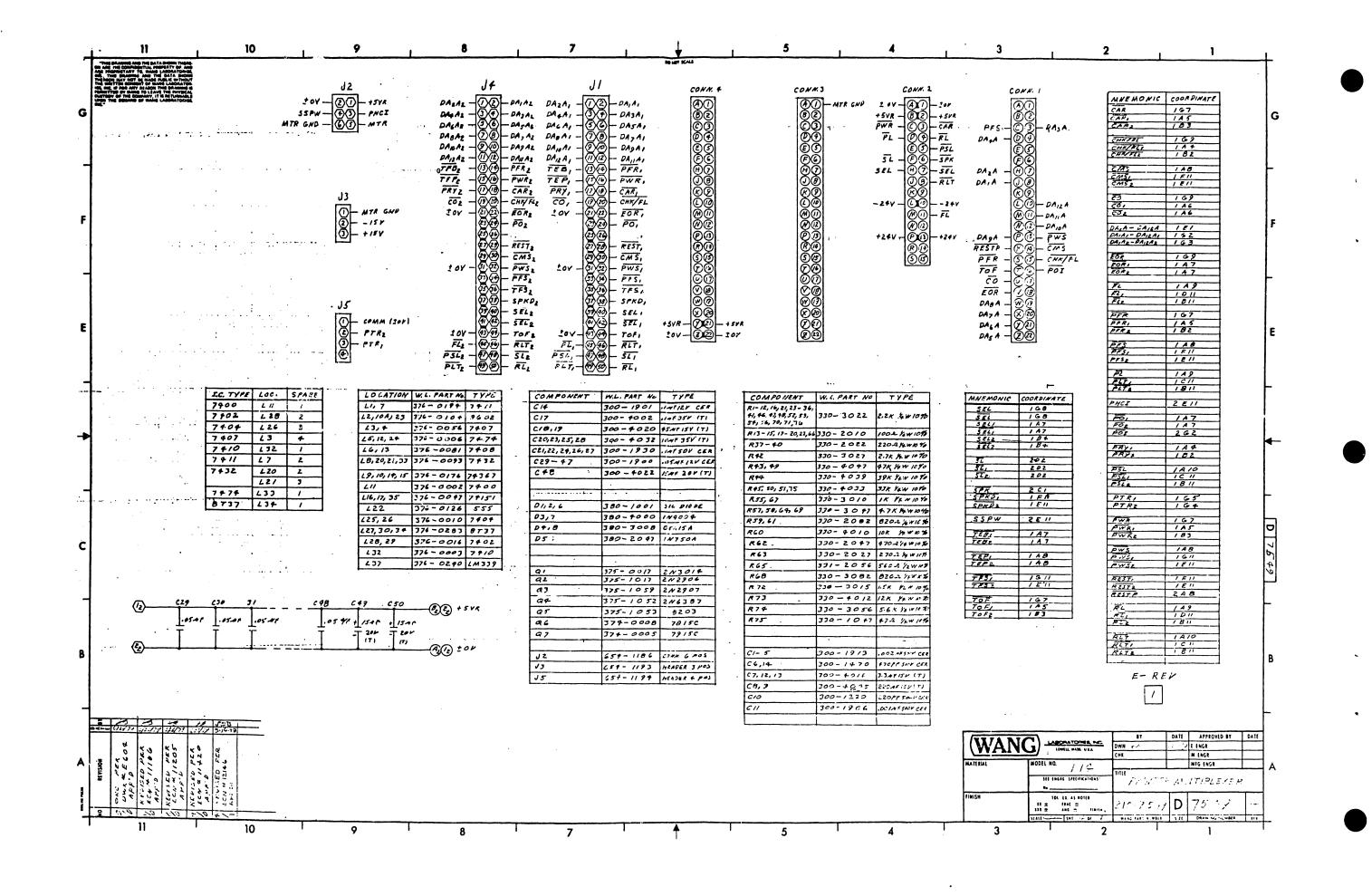
## SCHE-MATICS

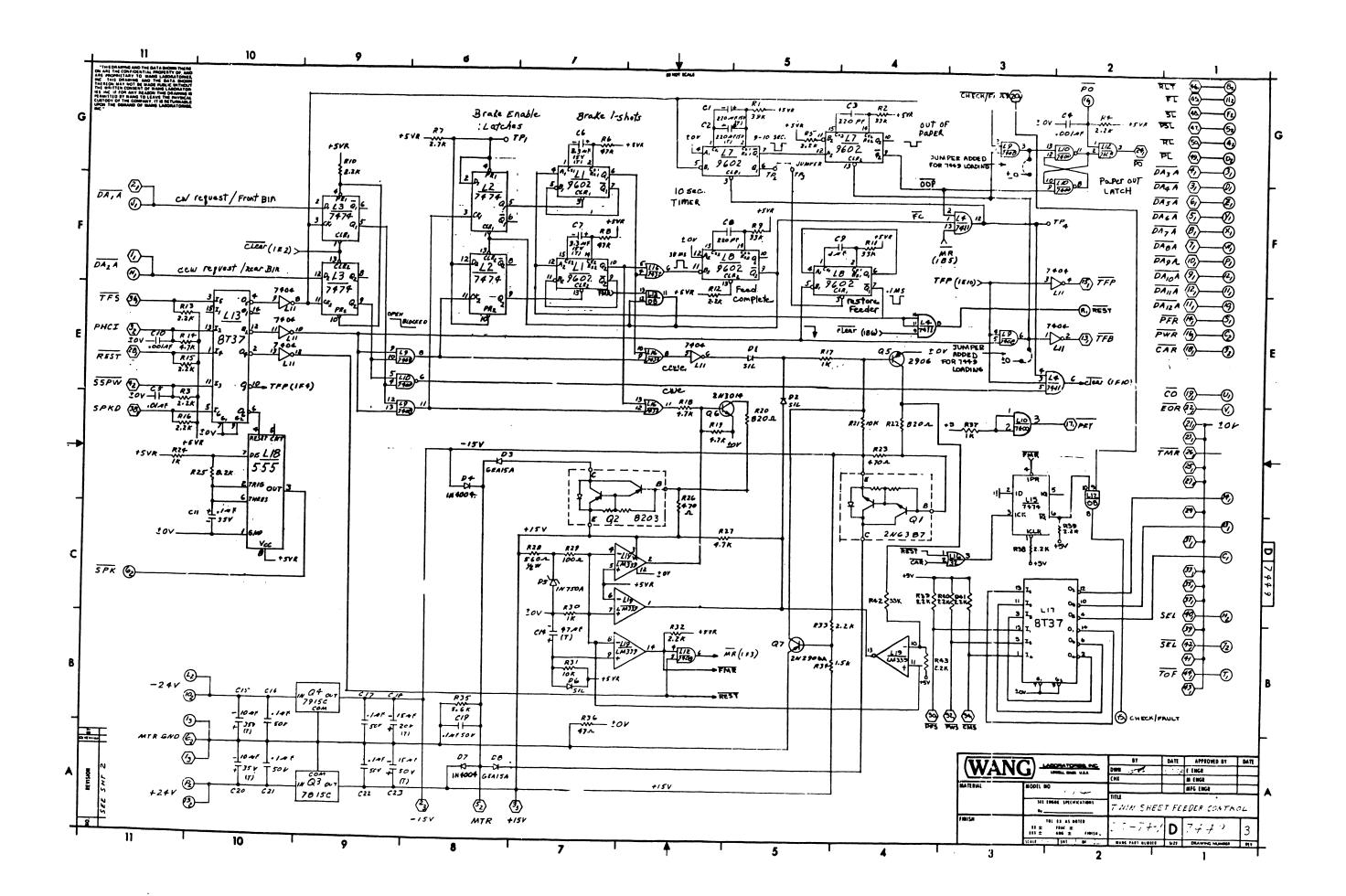


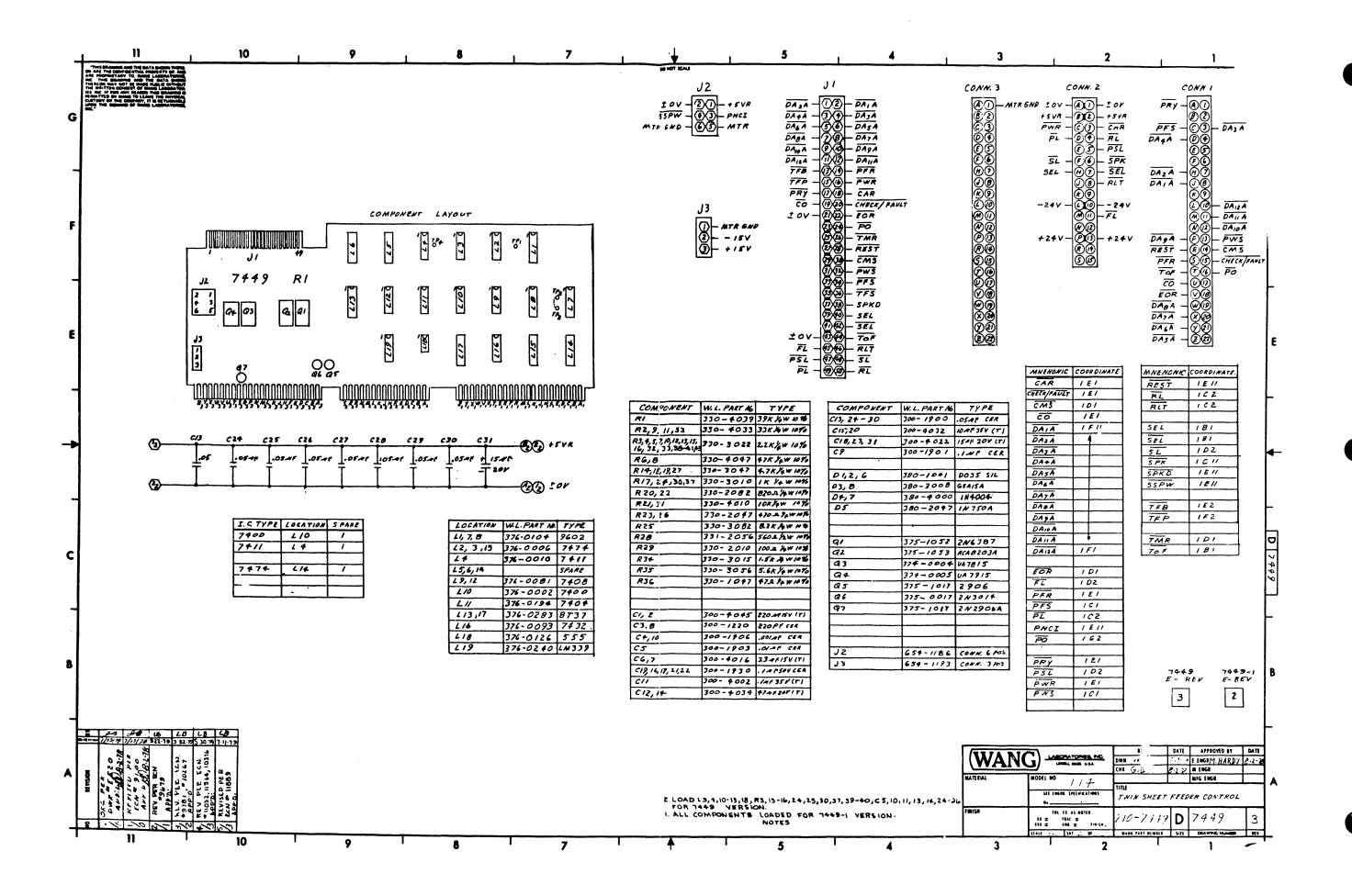


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