

REVISIONS				
BY	DATE	DESCRIPTION	APPROVED	DATE
X	CW	PROTOTYPE RELEASE		
X2	CW	RELOCATED R14 & R26	R.E. Warner	1-11-71
X3	CW	DELETED FIN 25	R.E. Warner	1-11-71
A	CW	PRODUCTION RELEASE PER EN 20381	R.E. Warner	1-11-71
-	JMI	REMOVED JUMPER PER EN 20528	R.E. Warner	1-11-71
1	PEH	ADDED NOTE 4 PER EN 22532	R.E. Warner	1-11-71

⚠ DELAY INSERTION OF R21 UNTIL AFTER CLEANING IN FREON.

3. MOUNT R20, R21, & R22 .06" OFF OF BOARD
2. MARK SERIAL NO. WHERE SHOWN USING .12 HIGH PERMANENT CHARACTERS.
- ⚠ MARK REVISION LETTER OF PARTS LIST TO WHICH PART WAS MANUFACTURED. APPROX. WHERE SHOWN, IDENTIFICATION TO BE .12 HIGH CHARACTERS & PERMANENT.

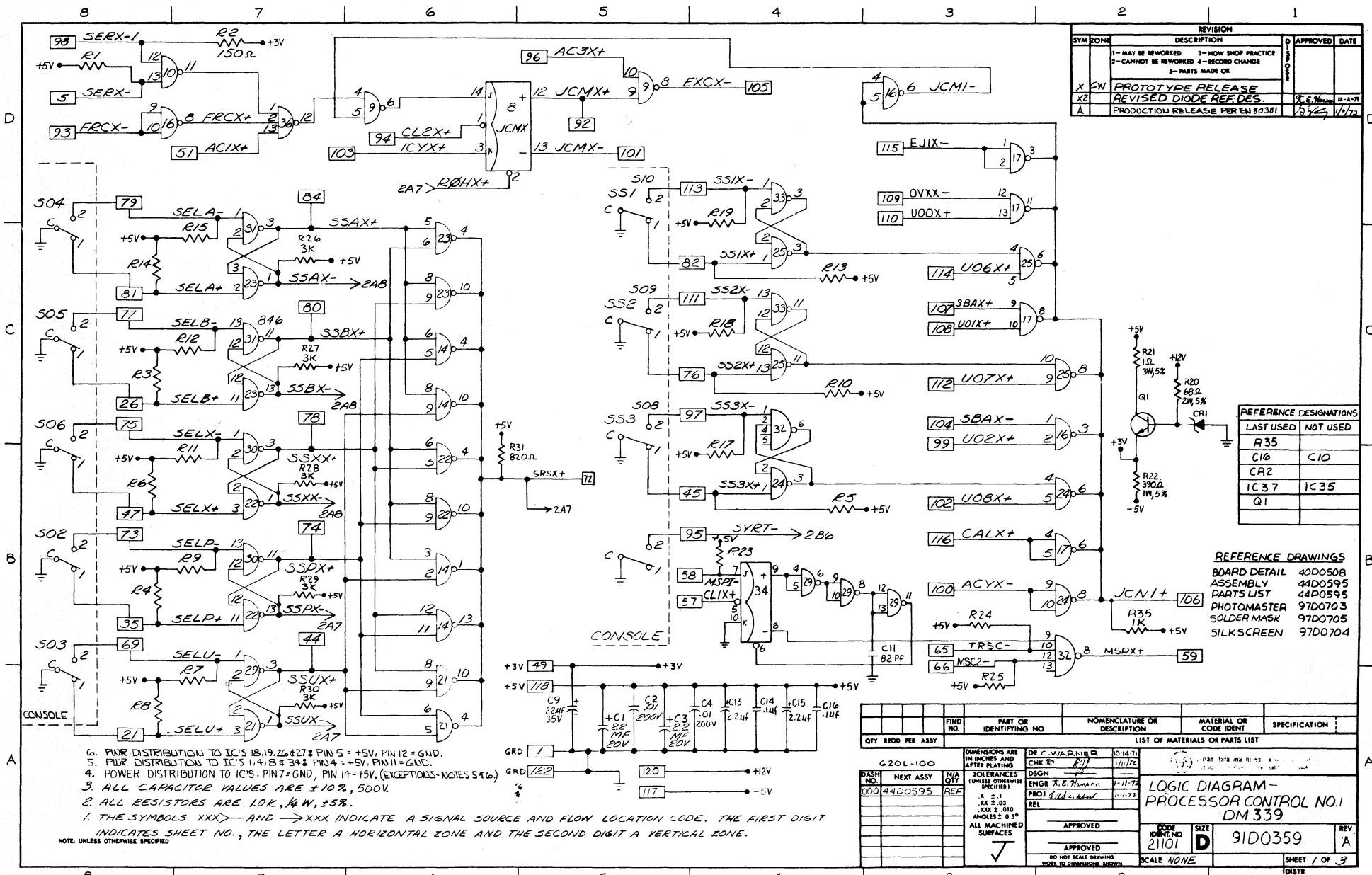
NOTE: UNLESS OTHERWISE SPECIFIED

REFERENCE DRAWINGS
 LOGIC DIAGRAM --- 91D0359
 PHOTOMASTER --- 97D0703
 BOARD DETAIL --- 40D0508

SOLDERMASK --- 97D0705
 SILKSCREEN --- 97D0704

FOR PARTS LIST SEE 44P0595

MODEL NO. 620/L-100	DIMENSIONS ARE IN INCHES AND AFTER FINISHING UNLESS OTHERWISE SPECIFIED	DR. C. WARNER 10-12-71	 varian data machines a varian subsidiary 2122 michelson drive, Irvine, California, 92614
NEXT ASSY 01AJ277	TOLERANCES UNLESS OTHERWISE SPECIFIED	CHK. F. 1/11/71	
MATERIAL	X ± .1 .001 ± .005 .005 ± .010 ANGLES = 65°	ENGR. R.E. Warner 1-11-71	TITLE PROCESSOR CONTROL NO. 1 DM 339-ASSEMBLY
FINISH	BREAK ALL SHARP EDGES .010 R APPROX	APPR. G.W. 1-11-71	
DO NOT SCALE DRAWING		APPR. 1-11-71	CODE IDENT NO. 21101 SIZE D DWG NO. 44D0595 SCALE 2/1 SHEET 1 OF 1



REVISION		DESCRIPTION	APPROVED	DATE
1		MAY BE REWORKED		
2		CANNOT BE REWORKED		
3		HOW SHOP PRACTICE		
4		RECORD CHANGE		
5		PARTS MADE OK		
X	EW	PROTOTYPE RELEASE		
X	EW	REVISED DIODE REF DES.		
A		PRODUCTION RELEASE PER ENR 80381		

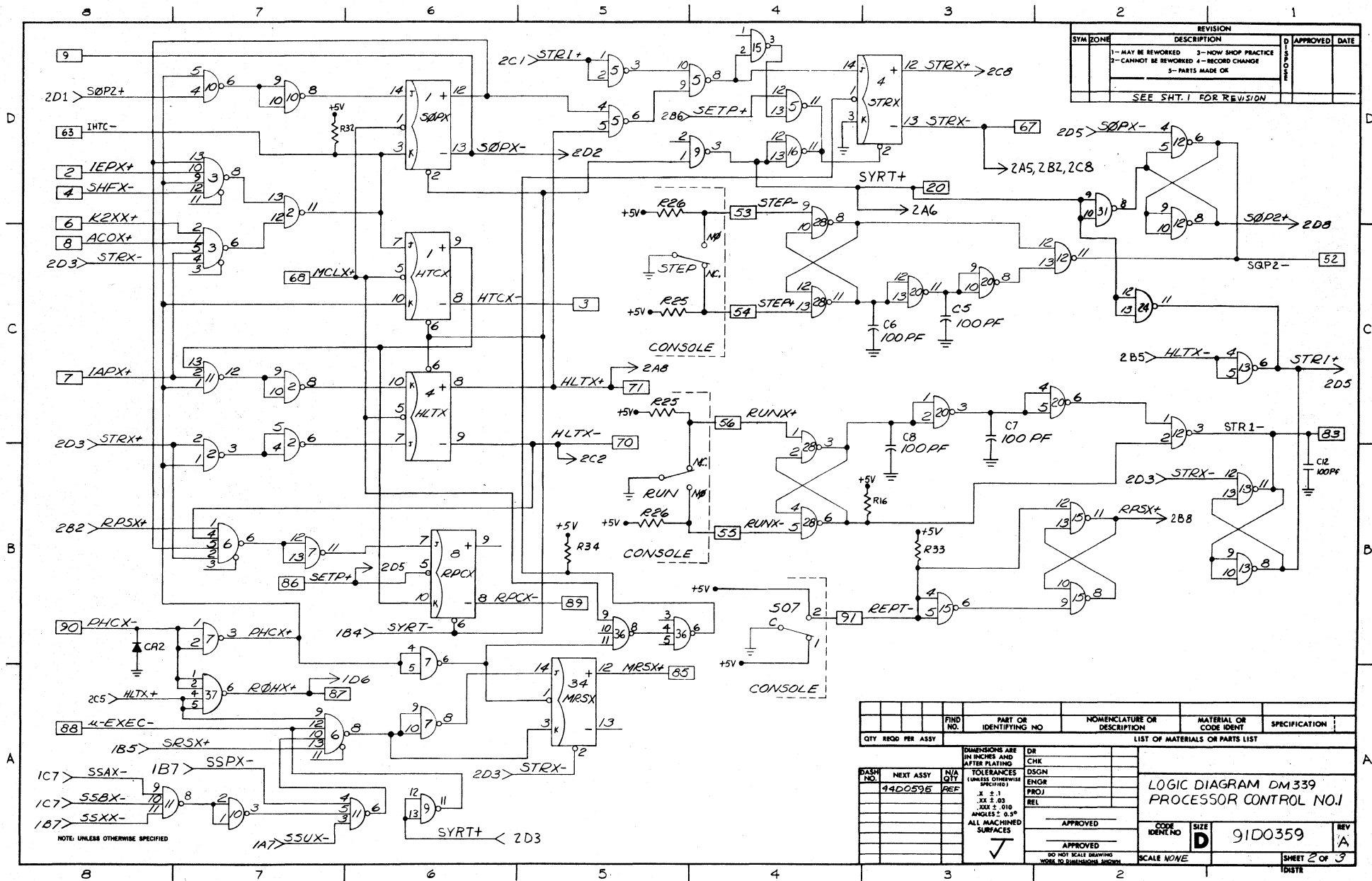
REFERENCE DESIGNATIONS	
LAST USED	NOT USED
R35	
C16	C10
CR2	
IC37	IC35
Q1	

REFERENCE DRAWINGS	
BOARD DETAIL	40D050B
ASSEMBLY	44D0595
PARTS LIST	44P0595
PHOTOMASTER	97D0703
SOLDER MASK	97D0705
SILKSREEN	97D0704

G20L-100		LIST OF MATERIALS OR PARTS LIST	
DASH NO.	00044D0595	QTY	PER ASSY
NEXT ASSY		FIND NO.	
N/A		PART OR IDENTIFYING NO.	
QTY		NOMENCLATURE OR DESCRIPTION	
		MATERIAL OR CODE IDENT	
		SPECIFICATION	

DIMENSIONS ARE IN INCHES AND AFTER PLATING		DR. C. WARNER	
CHK		CHK	10-14-71
ENGR	F. E. P. Warner	DSGN	1-11-72
PROJ	Ed. Warner	REL	1-11-72

LOGIC DIAGRAM - PROCESSOR CONTROL NO. 1 DM 339	
APPROVED	
APPROVED	
DO NOT SCALE DRAWING	
SCALE NONE	
CODE IDENT NO. 21101	SIZE 91D0359
SHEET 1 OF 3	



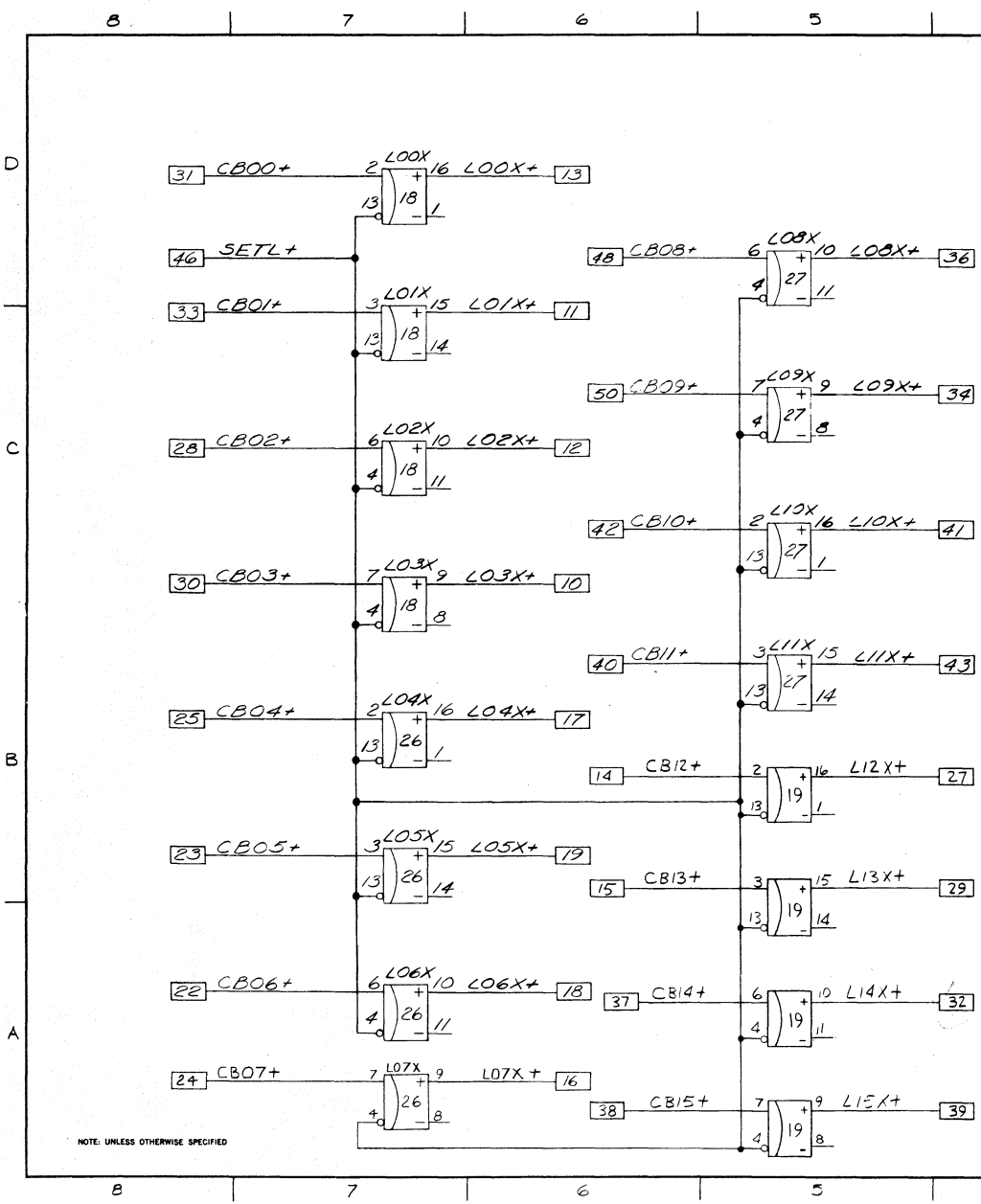
SYMBOL		REVISION			APPROVED	DATE
		DESCRIPTION				
		1- MAY BE REWORKED	3- NOW SHOP PRACTICE			
		2- CANNOT BE REWORKED	4- RECORD CHANGE			
		3- PARTS MADE OK				
SEE SHT. 1 FOR REVISION						

QTY REQD PER ASSY		FIND NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL OR CODE IDENT	SPECIFICATION
LIST OF MATERIALS OR PARTS LIST						
DASH NO.		NEXT ASSY	N/A QTY	TOLERANCES ARE IN INCHES AND AFTER PLATING (UNLESS OTHERWISE SPECIFIED)	DR	CHK
44D0595		REF		.X ± .1	DSGN	
				.XX ± .03	ENGR	
				.XXX ± .010	PROJ	
				ANGLES ± 0.5°	REL	
				ALL MACHINED SURFACES	APPROVED	
					APPROVED	
					DO NOT SCALE DRAWING	
					WORK TO DIMENSIONS AND/OR	

LOGIC DIAGRAM DM339
PROCESSOR CONTROL NO.1

CODE IDENT NO: 91D0359 SIZE: D

SCALE: NONE SHEET 2 OF 3



NOTE: UNLESS OTHERWISE SPECIFIED

SYMBOL		DESCRIPTION		REVISION		APPROVED	DATE
1	GND	33	CBO1+	63	IHTC-	93	FRCX-
2	IEDPX+	4	SHFX-	64	LO9X+	94	CL2X+
>	HTCX-	5	SERX-	65	TRSC-	95	SYRT-
4	SHFX-	6	K2XX+	66	MSC2-	96	AC3X+
5	SERX-	7	IAPX+	67	STRX-	97	SS3X-
6	K2XX+	8	ACOX+	68	MCLX+	98	SERX-I
>	SOPX-	9	SOPX-	69	SELU-	99	VO2X+
>	LO3X+	10	LO1X+	70	HLTX-	100	ACYX-
>	LO1X+	11	LO2X+	71	HLTX+	101	JCMX-
>	LO2X+	12	LO0X+	72	CB10+	102	VO8X+
>	LO0X+	13	CB12+	73	SELP-	103	ICYX+
14	CB12+	14	CB13+	74	SSPX+	104	SBAX-
15	CB13+	15	SS3X+	75	SELX-	>	EXCX-105
>	LO7X+	16	SETL+	76	SS2X+	>	JCN1+106
>	LO4X+	17	SELX+	77	SELB-	107	SBAX+
>	LO6X+	18	CB08+	78	SSXX+	108	VO1X+
>	LO5X+	19	+3V	79	SELA-	109	OVXX-
>	SYRT+	20	CB09+	80	SSBX+	110	VO0X+
21	SELU+	21	AC1X+	81	SELA+	111	SS2X-
22	CB06+	22	SOP2-	82	SS1X+	112	VO7X+
23	CB05+	23	STEP-	83	STR1-	113	SS1X-
24	CB07+	24	STEP+	84	SSAX+	114	VO6X+
25	CB04+	25	RUNX-	85	MRSX+	115	EJ1X-
26	SELB+	26	RUNX+	86	SETP+	116	CALX+
>	L12X+	27	CL1X+	87	E0HX+	117	-5V
28	CB02+	28	MSP1-	88	μ-EXEC	118	+5V
>	L13X+	29	MSPX+	89	RPCX-	119	
30	CB03+	30		90	PACX-	120	+12V
31	CB00+	31		91	REPT-	121	
>	L14X+	32		92	JCMX+	122	GND

FIND NO.		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		MATERIAL OR CODE IDENT.		SPECIFICATION		
QTY	REQD	PER	ASSY	LIST OF MATERIALS OR PARTS LIST						
DASH NO.	NEXT ASSY	N/A QTY	REF	DIMENSIONS ARE IN INCHES AND AFTER PLATING TOLERANCES (UNLESS OTHERWISE SPECIFIED)				DR		
				.1 ± .1				CHK		
				.XX ± .03				DSGN		
				.XXX ± .010				ENGR		
				ANGLES: 0.5°				PROJ		
				ALL MACHINED SURFACES				REL		
				APPROVED				CODE IDENT. NO.		SIZE
				APPROVED				D		9100359
				DO NOT SCALE DRAWING WORK TO DIMENSIONAL METHOD				SCALE		NONE
								SHEET		3 OF 3
								DISTR		