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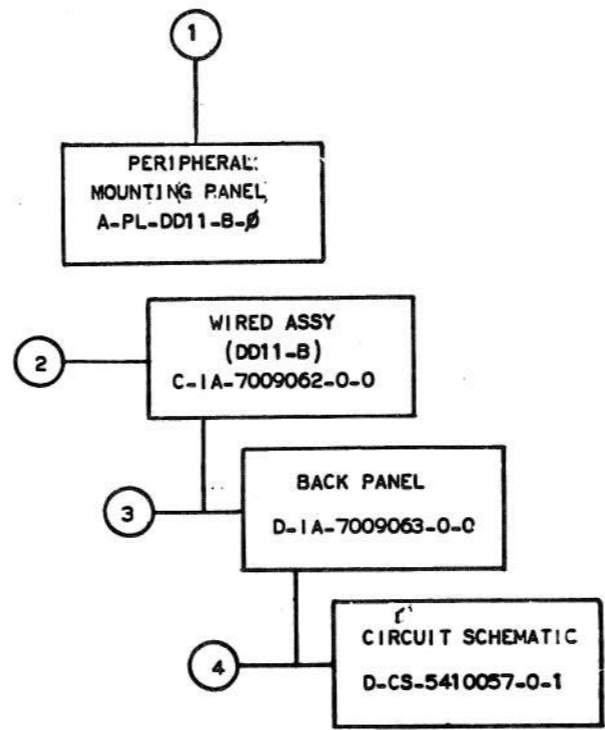
DDII - B

Engineering Drawings

Digital Equipment Corporation

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TITLE	SHEET	OF	SIZE	CODE	NUMBER	REV
PERIPHERAL MOUNTING PANEL	2	3	B	DD	DD11-B	F

CUSTOMER PRINT SET				ELECTRICAL					CUSTOMER PRINT SET				MECHANICAL								
DD11-B				MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.	DD11-B				MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X					1	A-PL-DD11-B-0	A	1	PERIPHERAL MOUNTING PANEL							1	A-PL-DD11-B-0	A	1	PERIPHERAL MOUNTING PANEL	
X						D-MU-DD11-B-1		1	MODULE UTILIZATION (DD11-B)								D-IA-7009563-0-0	#	1	DAII-F/DDII-B OPTION HARNESS	
X						A-PL-DD11-B-1		1	MODULE UTILIZATION (DD11-B) PL												
X						D-IA-7009563-0-0	#	1	DAII-F/DDII-B OPTION HARNESS												
																2	C-IA-7009062-0-0	C	1	WIRED ASSY (DD11-B)	
X					2	C-IA-7009062-0-0	C	1	WIRED ASSY (DD11-B)												
C						K-WL-DD11-B-2	#	1	ETCH/WIRE LIST (DD11-B)												
X						A-WT-7009062-0	#	1	AWT REVISION STATUS												
					3	D-IA-7009063-0-0		1	BACK PANEL												
X					4	D-CS-5410057-0-1	#	1	CIRCUIT SCHEMATIC							4	D-CS-5410057-0-1		1	CIRCUIT SCHEMATIC	
						K-CO-5410057-0-4		1	X-Y COORDINATE HOLE LOCATION								K-CO-5410057-0-4		1	X-Y COORDINATE HOLE LOCATION	
						E-AH-541057-0-5		1	ASSY DRILLING HOLE LOCATION								E-AH-541057-0-5		1	ASSY DRILLING HOLE LOCATION	
						B-MH-541057-0-6		1	MODULE ECO HISTORY												

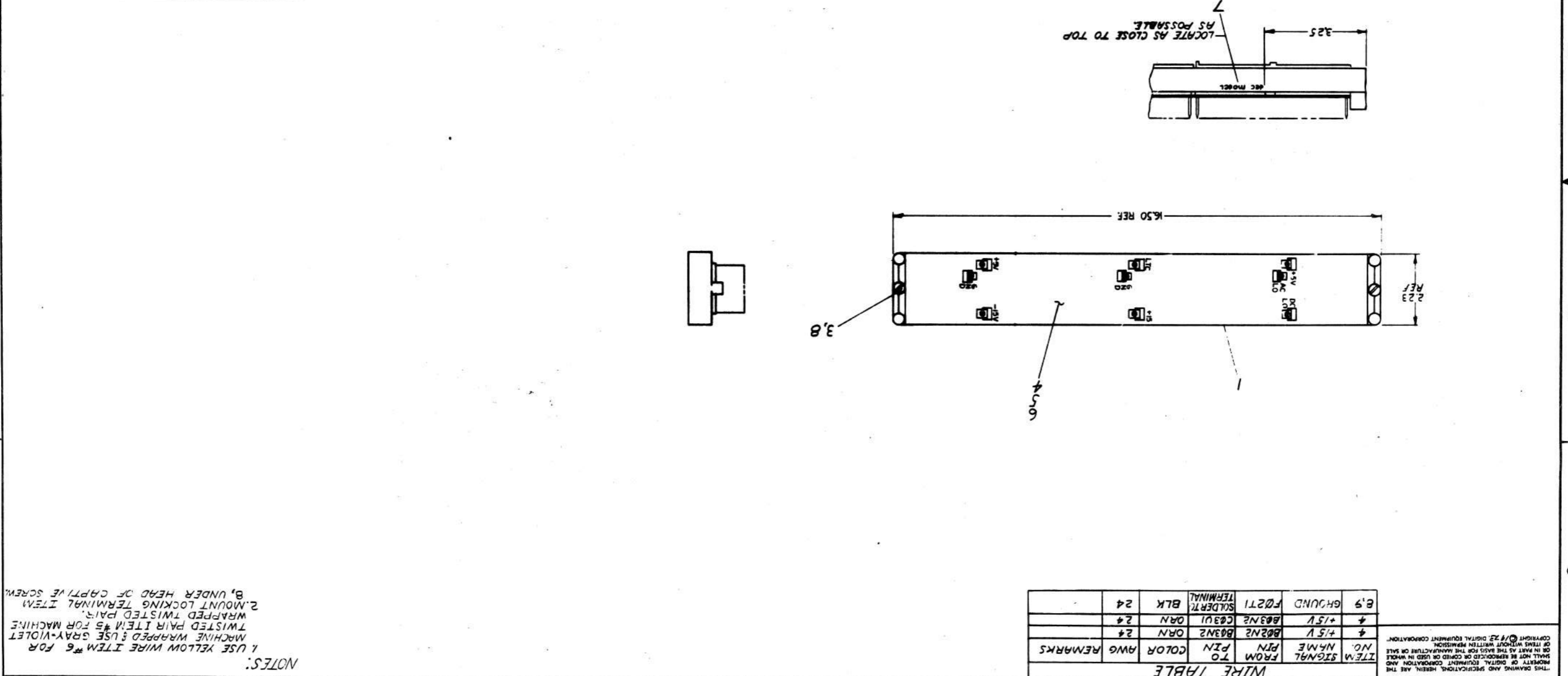
TITLE	SIZE CODE	NUMBER	REV
PERIPHERAL MOUNTING PANEL	B DD	DD11-B	F

G

CHK	CHANGE NO	REV
721	DD11-B-00003	C
REVISED FREE DRAWN		
1/23/72		
CONDON		
721 DD11-B-00007		
D		
T. UPTON		

FINISH		SCALE	SHEET
---		A-PL-DD11-B-0	1 OF 1
MATERIAL		SIZE CODE	DIA
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY V		7009062-0-0	D
NEXT NUMBER ABBY		REV	
DATE		DATE	DATE
DE ROUSE		9-8-72	
PROJ. JANSSEN		9-15-72	
ENGR. CHIL LAU		9-15-72	
TESTER		9-15-72	
CHK'D. FLANDER		9-15-72	
DATE		DATE	DATE
9-15-72		9-15-72	9-15-72
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES		TOLERANCES	
DECIMALS		ANGLES	
.0005		10' 30"	
.001			
.002			
.005			
.01			
FIRST USED ON OPTION/MODEL		PARTS LIST	
DD11-B		PART NO.	
QTY.		DESCRIPTION	
1		BACK PANEL	
1		REFETCH WIRELIST (DD11-B) (K-W-DD11-B-2)	
2		SCR CAPTIVE	
2		24 SOLID CONDUCTOR KYNAR 9107688-33	
2		30 SOLID CONDUCTOR KYNAR 9107773-87	
2		30 SOLID CONDUCTOR KYNAR 9105740-44	
1		DECAL LOGIC SERIAL NO. 955-7407846-07	
1		LOCKING TERMINAL SHAKE PROX 9006766	
2		24 SOLID KYNAR, BLACK 9107688-00	

TITLE		WIRED ASSY (DD11-B)	
EQUIPMENT		CORPORATION	
PART NO.		DIA 7009062-0-0	
REV		D	




ITEM NO.	SIGNAL NAME	FROM PIN	TO PIN	COLOR	AWG	REMARKS
1	GROUND	F02T1	SOLDER/T1	BLK	24	
2	+5V	B03N2	C03V1	GRN	24	
3	+5V	B02N2	C02V1	GRN	24	

NOTES:
 1. USE YELLOW WIRE ITEM #6 FOR MACHINE WRAPPED & USE GRAY-VIOLET TWISTED PAIR ITEM #5 FOR MACHINE WRAPPED TWISTED PAIR.
 2. MOUNT LOCKING TERMINAL ITEM #8 UNDER HEAD OF CAPTIVE SCREW.
 3. UNDER HEAD OF CAPTIVE SCREW.

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SIZE CODE K WL
 NUMBER DDII-B-2
 REV. E

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
DDII-B				
PARTS LIST				
DRN. <i>C. Teschner</i>	DATE 4/23/72	<div style="text-align: center;">  <p>digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS</p> </div>		
CHK'D. <i>C. Teschner</i>	DATE 8/25/72			
ENG. <i>W. J. ...</i>	DATE 4/15/72			
PROJ. ENG. <i>W. J. ...</i>	DATE 9/15/72			
PRG. <i>C. ...</i>	DATE 7/22/72			
NEXT HIGHER ASSEMBLY C-IA-7009062-0-0		TITLE ETCH/WIRE LIST (DDII-B)		
SCALE		SIZE CODE K WL	NUMBER DDII-B-2	REV. E
SHEET 1 OF 1		DIST.		

REVISIONS	CHANGE NO.	REV.
	DDII-B-00002	A
S. Charton 8-6-73		
CONDON		
	DDII-B-00003	B
S. Charton 11-27-73		
CONDON		
	DDII-B-00005	C
S. Charton 9-22-74		
CONDON		
	DDII-B-00006	D
L. CONDON		
	DDII-B-00007	E
T. UPTON		

DEC FORM NO. DRB 109

DD11R,F RUN NAME	A/P	PTN NAME	ORDER PIN	RAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	4-NOV-75	14150 NC LENGTH FLAG	PAGE 1 EXCEPTIONS	RUN NUMBER
+15V/+RV	L	CV101		1-01 *	P				1					1
+15V/+RV	L	CV201		1-02 *	P				2				1-4/8	1
+15V/+RV	L	CV401	CA301	1-03 *	P				1					1
+15V/+RV	L	CV301		1-04 *	P				2				3-5/8	1
+15V/+RV	L	RV202		1-05 *	P				1				1	1
+15V/+RV	L	RV302		1-06 *	P									1
+15V/+RV	L			1									8-1/8	1
+5V		AV1A2		1-01 *	P				1				1	2
+5V		AV2A2		1-02 *	P				2				1	2
+5V		AV3A2		1-03 *	P				1				1	2
+5V		AV4A2		1-04 *	P				2				3-2/8	2
+5V		RV4A2		1-05 *	P				1				1	2
+5V		RV3A2		1-06 *	P				2				1	2
+5V		RV2A2		1-07 *	P				1				1	2
+5V		RV1A2		1-08 *	P				2				3	2
+5V		CV1A2		1-09 *	P				1				1	2
+5V		CV2A2		1-10 *	P				2				1	2
+5V		CV3A2		1-11 *	P				1				1	2
+5V		CV4A2		1-12 *	P				2				3-2/8	2
+5V		DV1A2		1-13 *	P				1				1	2
+5V		DV3A2		1-14 *	P				2				1	2
+5V		DV2A2		1-15 *	P				1				1	2
+5V		DV1A2		1-16 *	P				2				3	2
+5V		EV1A2		1-17 *	P				1				1	2
+5V		EV2A2		1-18 *	P				2				1	2
+5V		EV3A2		1-19 *	P				1				1	2
+5V		EV4A2		1-20 *	P				2				3-2/8	2
+5V		EV4A2		1-21 *	P				1				1	2
+5V		EV3A2		1-22 *	P				2				1	2
+5V		EV2A2		1-23 *	P				1				1	2
+5V		EV1A2		1-24 *	P									2
+5V				1									33-6/8	2
-15V		RV2A2		1-01 *	P				1				1	3
-15V		RV3A2		1-02 *	P				2				3	3
-15V		CV3A2		1-03 *	P				1				1	3
-15V		CV4A2		1-04 *	P				2				1-4/8	3
-15V		CV2A2		1-05 *	P				1				1	3
-15V		CV1A2		1-06 *	P				2				3-2/8	3
-15V		DV1A2		1-07 *	P				1				1	3
-15V		DV2A2		1-08 *	P				2				1	3
-15V		DV3A2		1-09 *	P				1				1	3
-15V		DV4A2		1-10 *	P				2				3	3
-15V		EV4A2		1-11 *	P				1				1	3
-15V		EV3A2		1-12 *	P				2				1	3
-15V		EV2A2		1-13 *	P				1				1	3
-15V		EV1A2		1-14 *	P				2				3-2/8	3
-15V		EV1A2		1-15 *	P				1				1	3
-15V		EV2A2		1-16 *	P				2				1	3
-15V		EV3A2		1-17 *	P				1				1	3
-15V		EV4A2		1-18 *	P									3
-15V				1									26-0/8	3

DD11R,F RUN NAME	A/P	PTN NAME	ORDER PIN	RAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	4-NOV-75	14150 NC LENGTH FLAG	PAGE 2 EXCEPTIONS	RUN NUMBER
A IN	H	DV1A1		1-01 *					1			N	3-4/8	4
A IN	H	EV1A1		1-02 *										4
A IN	H			1									3-4/8	4
A INT A	H	DV1A1		1-01 *	1				1		4-0	N	6-3/8	5
A INT A	H	EV1A1		1-02 *										5
A INT A	H			1									6-3/8	5
A INT B	H	CV1J1		1-01 *					1			N	8-5/8	6
A INT B	H	EV1K2		1-02 *										6
A INT B	H			1									8-5/8	6
A INT ENB A	H	DV1A1		1-01 *					1			N	6-5/8	7
A INT ENB A	H	EV1V1		1-02 *										7
A INT ENB A	H			1									6-5/8	7
A INT ENB B	H	CV1L1		1-01 *					1			N	8-1/8	8
A INT ENB B	H	EV1W2		1-02 *										8
A INT ENB B	H			1									8-1/8	8
A OUT HIGH	H	DV1K1		1-01 *					1			N	3-3/8	9
A OUT HIGH	H	EV1Y2		1-02 *										9
A OUT HIGH	H			1									3-3/8	9
A OUT LOW	H	DV1D1		1-01 *					1			N	4	10
A OUT LOW	H	EV1M1		1-02 *										10
A OUT LOW	H			1									4-0/8	10
A SELECT 0	H	DV1P1		1-01 *					1			N	4-1/8	11
A SELECT 0	H	EV1S2		1-02 *										11
A SELECT 0	H			1									4-1/8	11
A SELECT 2	H	DV1J1		1-01 *					1			N	4-1/8	12
A SFLCT 2	H	EV1T2		1-02 *										12
A SELECT 2	H			1									4-1/8	12
A SELECT 4	H	DV1E1		1-01 *					1			N	4-3/8	13
A SELECT 4	H	EV1R2		1-02 *										13
A SELECT 4	H			1									4-3/8	13
A SELECT 6	H	DV1C1		1-01 *					1			N	4-4/8	14
A SELECT 6	H	EV1S1		1-02 *										14
A SELECT 6	H			1									4-4/8	14
A SSYN INHIBIT	L	DV1V1		1-01 *					1			N	1	15
A SSYN INHIBIT	L	EV1R1		1-02 *										15
A SSYN INHIBIT	L			1									1-0/8	15
A02C1		A02C1		1-01 *	1				1		2-7	N	4-1/8	16
A02C1		B02L1		1-02 *										16
A02C1				1									4-1/8	16
A02D1		A02D1		1-01 *	1				1		2-7	N	4-1/8	17
A02D1		B02M1		1-02 *										17
A02D1				1									4-1/8	17

DD11R,F RUN NAME	WPP2RR.V34(62)-1 A/P PIN NAME	ORDER PIN	31-JUL-75 RAY - Q ORCFP	DRAW RV RG Y OPT	X Z	REMARKS	4-NOV-75	14150 NC LENGTH FLAG	PAGE 3 EXCEPTIONS	RUN NUMBER
A02H1	A02H1		1-01 *		1		2-7	N 4-2/8		18
A02H1	B02S1		1-02 *							18
A02H1			1					4-2/8		18
A02H2	A02H2		1-01 *		1		3-0	N 3-3/8		19
A02H2	B02J1		1-02 *							19
A02H2			1					3-3/8		19
A02J1	A02J1		1-01 *		1		2-5	N 3-6/8		20
A02J1	B02N1		1-02 *							20
A02J1			1					3-6/8		20
A02J2	A02J2		1-01 *		1		2-3	N 3-1/8		21
A02J2	B02F1		1-02 *							21
A02J2			1					3-1/8		21
A02N1	A02N1		1-01 *		1		2-4	N 3-3/8		22
A02N1	B02P1		1-02 *							22
A02N1			1					3-3/8		22
A02N2	A02N2		1-01 *		1			N 2-3/8		23
A02N2	B02E2		1-02 *							23
A02N2			1					2-3/8		23
A03C1	A03C1		1-01 *		1			N 4-1/8		24
A03C1	B03T1		1-02 *							24
A03C1			1					4-1/8		24
A03D1	A03D1		1-01 *		1			N 4-1/8		25
A03D1	B03M1		1-02 *							25
A03D1			1					4-1/8		25
A03H1	A03H1		1-01 *		1			N 4-2/8		26
A03H1	B03S1		1-02 *							26
A03H1			1					4-2/8		26
A03H2	A03H2		1-01 *		1			N 3-3/8		27
A03H2	B03J1		1-02 *							27
A03H2			1					3-3/8		27
A03J1	A03J1		1-01 *		1			N 3-6/8		28
A03J1	B03N1		1-02 *							28
A03J1			1					3-6/8		28
A03J2	A03J2		1-01 *		1			N 3-1/8		29
A03J2	B03F1		1-02 *							29
A03J2			1					3-1/8		29
A03N1	A03N1		1-01 *		1			N 3-3/8		30
A03N1	B03P1		1-02 *							30
A03N1			1					3-3/8		30
A03N2	A03N2		1-01 *		1			N 2-3/8		31
A03N2	B03E2		1-02 *							31
A03N2			1					2-3/8		31

DD11R,F RUN NAME	WPP2RR.V34(62)-1 A/P PIN NAME	ORDER PIN	31-JUL-75 RAY - Q ORDER	DRAW RV RG Y OPT	X Z	REMARKS	4-NOV-75	14150 NC LENGTH FLAG	PAGE 4 EXCEPTIONS	RUN NUMBER
ARG IN	H	D01U2	1-01 *		1			N 3-7/8		32
ARG IN	H	F01B1	1-02 *							32
ARG IN	H		1					3-7/8		32
ARG OUT	H	D01V2	1-01 *		1		2-5	N 3-7/8		33
ARG OUT	H	F01A1	1-02 *							33
ARG OUT	H		1					3-7/8		33
ARR OUT	L	D01J2	1-01 *	2	2		3-7	N 6-5/8		34
ARR OUT	L	F01P1	1-02 *		1			N 1		34
ARR OUT	L	D01U2	1-03 *							34
ARR OUT	L		1					7-5/8		34
B EIA CARRIER	H	A02P2	1-01 *		1			N 2-4/8		35
B EIA CARRIER	H	B02H2	1-02 *							35
B EIA CARRIER	H		1					2-4/8		35
B EIA CLR TO SEND	H	A02M2	1-01 *		1			N 3		36
B EIA CLR TO SEND	H	B02K2	1-02 *							36
B EIA CLR TO SEND	H		1					3-0/8		36
B EIA DATA FRM RDY	H	A02H2	1-01 *		1			N 3-2/8		37
B EIA DATA FRM RDY	H	B02H2	1-02 *							37
B EIA DATA FRM RDY	H		1					3-2/8		37
B EIA RCV DATA	H	A02F2	1-01 *		1			N 3-4/8		38
B EIA RCV DATA	H	B02J2	1-02 *							38
B EIA RCV DATA	H		1					3-4/8		38
B EIA REQ TO SEND	H	A02L2	1-01 *		1			N 4		39
B EIA REQ TO SEND	H	B02T2	1-02 *							39
B EIA REQ TO SEND	H		1					4-0/8		39
B EIA RING	H	A02K2	1-01 *		1			N 3-4/8		40
B EIA RING	H	B02M2	1-02 *							40
B EIA RING	H		1					3-4/8		40
B EIA SEC RCV DATA	H	A02F1	1-01 *		1			N 3-7/8		41
B EIA SEC RCV DATA	H	B02L2	1-02 *							41
B EIA SEC RCV DATA	H		1					3-7/8		41
B EIA SEC TRANS DATA	H	A02E1	1-01 *	1	1		3-2	N 4-6/8		42
B EIA SEC TRANS DATA	H	B02U1	1-02 *							42
B EIA SEC TRANS DATA	H		1					4-6/8		42
B EIA TRANSMIT DATA	H	A02E2	1-01 *	1	1		3-2	N 4-7/8		43
B EIA TRANSMIT DATA	H	B02V1	1-02 *							43
B EIA TRANSMIT DATA	H		1					4-7/8		43
B IN/B SEL RCV DATA	H	P02E1	1-01 *	2	2		3-6	N 6		44
B IN/B SEL RCV DATA	H	D02H1	1-02 *		1			N 3-4/8		44
B IN/B SEL RCV DATA	H	E02M1	1-03 *							44
B IN/B SEL RCV DATA	H		1					9-4/8		44

DD11A,F RUN NAME	A/P	REF2RR,V34(62)-1 PIN NAME	ORDER PIN	31-JUL-75 RAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	4-Nov-75	14:50 NC FLAG	PAGE 5 LENGTH EXCEPTIONS	RUN NUMBER
R INT A	H	D02M1		1-01 *					1			N	6-3/8	45
R INT A	H	F02M1		1-02 *										45
R INT A	H			1									6-3/8	45
R INT H	H	C02J1		1-01 *					1			N	8-5/8	46
R INT H	H	F02K2		1-02 *										46
R INT R	H			1									8-5/8	46
B INT FNR A	H	D02M1		1-01 *	1				1		4-0	N	6-5/8	47
R INT FNR A	H	F02V1		1-02 *										47
R INT FNR A	H			1									6-5/8	47
B INT ENR H	H	C02I1		1-01 *					1			N	8-1/8	48
B INT ENR R	H	F02H2		1-02 *										48
B INT ENR R	H			1									8-1/8	48
R OUT HIGH	H	D02K1		1-01 *					1			N	3-3/8	49
R OUT HIGH	H	F02M2		1-02 *										49
R OUT HIGH	H			1									3-3/8	49
R OUT LO/R CLR TO SEND	H	R02F2		1-01 *	2				2		3-5	N	5-5/8	50
R OUT LO/R CLR TO SEND	H	D02D1		1-02 *					1			N	4	50
R OUT LO/R CLR TO SEND	H	F02N1		1-03 *										50
R OUT LO/R CLR TO SEND	H			1									9-5/8	50
R SFT 2/R RING	H	R02C1		1-01 *	2				2		3-6	N	6-1/8	51
R SFT 2/R RING	H	D02F1		1-02 *					1			N	4-1/8	51
R SFT 2/R RING	H	F02S2		1-03 *										51
B SFT 2/R RING	H			1									10-2/8	51
R SFT 4/R CARRIER	H	R02R1		1-01 *	2				2		3-7	N	6-1/8	52
R SFT 4/R CARRIER	H	D02E1		1-02 *					1			N	4-3/8	52
R SFT 4/R CARRIER	H	F02R2		1-03 *										52
R SFT 4/R CARRIER	H			1									10-4/8	52
R SFT 6/XMIT DATA	H	R02V2		1-01 *	2				2		2-6	N	4-1/8	53
B SFT 6/XMIT DATA	H	D02C1		1-02 *					1			N	4-4/8	53
R SFT 6/XMIT DATA	H	F02S1		1-03 *										53
R SFT 6/XMIT DATA	H			1									8-5/8	53
B SPECT 2	H	D02J1		1-01 *					1			N	4-1/8	54
R SPECT 2	H	F02T2		1-02 *										54
B SPECT 2	H			1									4-1/8	54
R SSYS INHIBIT	L	D02V1		1-01 *					1			N	1	55
B SSYS INHIBIT	L	F02B1		1-02 *										55
R SSYS INHIBIT	L			1									1-0/8	55
R TTL DATA SFT RDY	H	R02D2		1-01 *	1				1			N	7-1/8	56
B TTL DATA SFT RDY	H	D02P1		1-02 *										56
B TTL DATA SFT RDY	H			1									7-1/8	56
R TTL DATA TERM RDY	H	R02P2		1-01 *					1			N	2-1/8	57
B TTL DATA TERM RDY	H	D02F1		1-02 *										57
B TTL DATA TERM RDY	H			1									2-1/8	57

DD11A,F RUN NAME	A/P	REF2RR,V34(62)-1 PIN NAME	ORDER PIN	31-JUL-75 RAY - ORDER	Q	DRAW OPT	RV RG Y	X	Z	REMARKS	4-Nov-75	14:50 NC FLAG	PAGE 6 LENGTH EXCEPTIONS	RUN NUMBER
B TTL EXT SER CLK XMIT	H	R02R1		1-01 *		H			1	TWISTED PAIR			4-2/8	58
B TTL EXT SER CLK XMIT	H	D02B1		1-02 *						TWISTED PAIR				58
B TTL EXT SER CLK XMIT	H			1									4-2/8	58
R TTL PCV DATA	H	R02D1		1-01 *	1				1		3-4	N	5-3/8	59
B TTL PCV DATA	H	D02A1		1-02 *										59
R TTL PCV DATA	H			1									5-3/8	59
R TTL REQ TO SEND	H	R02S2		1-01 *					1			N	2-5/8	60
R TTL REQ TO SEND	H	C02M1		1-02 *										60
R TTL REQ TO SEND	H			1									2-5/8	60
R TTL SEC TRANS DATA	H	R02U2		1-01 *					1			N	2-1/8	61
B TTL SEC TRANS DATA	H	C02K1		1-02 *										61
R TTL SEC TRANS DATA	H			1									2-1/8	61
B TTL SERIAL CLK RCV	H	R02H1		1-01 *		H			1	TWISTED PAIR			6-6/8	62
R TTL SERIAL CLK RCV	H	D02S1		1-02 *						TWISTED PAIR				62
B TTL SERIAL CLK RCV	H			1									6-6/8	62
B TTL SERIAL CLK XMIT	H	R02K1		1-01 *		H			1	TWISTED PAIR			6-3/8	63
B TTL SERIAL CLK XMIT	H	D02R1		1-02 *						TWISTED PAIR				63
B TTL SERIAL CLK XMIT	H			1									6-3/8	63
BRG IN	H	D02U2		1-01 *					1			N	3-7/8	64
BRG IN	H	F02B1		1-02 *										64
BRG IN	H			1									3-7/8	64
BRG OUT	H	D02V2		1-01 *	1				1		2-5	N	3-7/8	65
BRG OUT	H	F02A1		1-02 *										65
BRG OUT	H			1									3-7/8	65
BBR OUT	L	D02J2		1-01 *					2			N	6-5/8	66
BBR OUT	L	F02P1		1-02 *					1			N	1	66
BBR OUT	L	F02U2		1-03 *										66
BBR OUT	L			1									7-5/8	66
BUS A00	L	R01H2		1-01 *		P			2				2	67
BUS A00	L	R04H2		1-02 *					1			N	8-2/8	67
BUS A00	L	E04H2		1-03 *		P			2				1	67
BUS A00	L	E03H2		1-04 *		P			1				1	67
BUS A00	L	E02H2		1-05 *		P			2				1	67
BUS A00	L	E01H2		1-06 *		P							13-2/8	67
BUS A00	L			1										
BUS A01	L	R01H1	B04H1	1-01 *	1				1			N	2	68
BUS A01	L	R04H1		1-02 *					2		4-7	N	8-2/8	68
BUS A01	L	E04H1		1-03 *					1			N	1	68
BUS A01	L	E03H1		1-04 *					2			N	1	68
BUS A01	L	E02H1		1-05 *					1			N	1	68
BUS A01	L	E01H1		1-06 *										68
BUS A01	L			1									13-2/8	68

DD118.E RUN NAME	WPP2R8.V34(62)-1 A/P PIN ORDER PIN	31-Jul-75 BAY - Q ORDER	DRAW RV RG Y X Z OPT	4-Nov-75 REMARKS	14150 NC LENGTH EXCEPTIONS FLAG	PAGE 7	RUN NUMBER
BUS A02	L R01J2	1-01 *	P			2	69
BUS A02	L R04J2	1-02 *				1	69
BUS A02	L E01F1	1-03 *			N 9-5/8	2	69
BUS A02	L E02F1	1-04 *			N 1	1	69
BUS A02	L E03F1	1-05 *			N 1	1	69
BUS A02	L E04F1	1-06 *			N 1	1	69
BUS A02	L	1				14-5/8	69
BUS A03	L R01J1	1-01 *				2	70
BUS A03	L R04J1	1-02 *			N 9-5/8	1	70
BUS A03	L E04V2	1-03 *	P			2	70
BUS A03	L E03V2	1-04 *	P			1	70
BUS A03	L E02V2	1-05 *	P			1	70
BUS A03	L E01V2	1-06 *	P			2	70
BUS A03	L	1				14-5/8	70
BUS A04	L B01K2	1-01 *	P			2	71
BUS A04	L R04K2	1-02 *			N 10-5/8	1	71
BUS A04	L E01U2	1-03 *			N 1	2	71
BUS A04	L E02U2	1-04 *			N 1	1	71
BUS A04	L E03U2	1-05 *			N 1	2	71
BUS A04	L E04U2	1-06 *				1	71
BUS A04	L	1				15-5/8	71
BUS A05	L R01K1	1-01 *				2	72
BUS A05	L R04K1	1-02 *			N 9-3/8	1	72
BUS A05	L E04V1	1-03 *	P			2	72
BUS A05	L E03V1	1-04 *	P			1	72
BUS A05	L E02V1	1-05 *	P			2	72
BUS A05	L E01V1	1-06 *	P			1	72
BUS A05	L	1				14-3/8	72
BUS A06	L R01L2	B04L2 1-01 *	P			2	73
BUS A06	L R04L2	1-02 *			N 9-3/8	1	73
BUS A06	L E04U1	1-03 *	P	5-3		2	73
BUS A06	L E03U1	1-04 *	P			1	73
BUS A06	L E02U1	1-05 *	P			2	73
BUS A06	L E01U1	1-06 *	P			1	73
BUS A06	L	1				14-3/8	73
BUS A07	L R01L1	1-01 *				2	74
BUS A07	L R04L1	1-02 *			N 8-5/8	1	74
BUS A07	L E04P2	1-03 *	P			2	74
BUS A07	L E03P2	1-04 *	P			1	74
BUS A07	L E02P2	1-05 *	P			2	74
BUS A07	L E01P2	1-06 *	P			1	74
BUS A07	L	1				13-5/8	74
BUS A08	L R01M2	1-01 *	P			2	75
BUS A08	L R04M2	1-02 *			N 8-3/8	1	75
BUS A08	L E04N2	1-03 *	P			2	75
BUS A08	L E03N2	1-04 *	P			1	75
BUS A08	L E02N2	1-05 *	P			2	75
BUS A08	L E01N2	1-06 *	P			1	75
BUS A08	L	1				13-3/8	75

DD118.F RUN NAME	WPP2R8.V34(62)-1 A/P PIN ORDER PIN	31-Jul-75 BAY - Q ORDER	DRAW RV RG Y X Z OPT	4-Nov-75 REMARKS	14150 NC LENGTH EXCEPTIONS FLAG	PAGE 8	RUN NUMBER
BUS A09	L R01M1	1-01 *				2	76
BUS A09	L R04M1	1-02 *			N 8-5/8	1	76
BUS A09	L E04R1	1-03 *	P			2	76
BUS A09	L E03R1	1-04 *	P			1	76
BUS A09	L E02R1	1-05 *	P			2	76
BUS A09	L E01R1	1-06 *	P			1	76
BUS A09	L	1				13-5/8	76
BUS A10	L B01N2	B04N2 1-01 *	P			2	77
BUS A10	L R04N2	1-02 *			N 8-5/8	1	77
BUS A10	L E04P1	1-03 *	P	5-0		2	77
BUS A10	L E03P1	1-04 *	P			1	77
BUS A10	L E02P1	1-05 *	P			2	77
BUS A10	L E01P1	1-06 *	P			1	77
BUS A10	L	1				13-5/8	77
BUS A11	L B01N1	1-01 *				2	78
BUS A11	L R04N1	1-02 *			N 8	1	78
BUS A11	L E04L1	1-03 *	P			2	78
BUS A11	L E03L1	1-04 *	P			1	78
BUS A11	L E02L1	1-05 *	P			2	78
BUS A11	L E01L1	1-06 *	P			1	78
BUS A11	L	1				13-0/8	78
BUS A12	L B01P2	B04P2 1-01 *	P			2	79
BUS A12	L R04P2	1-02 *			N 7-1/8	1	79
BUS A12	L E04C1	1-03 *	P	4-2		2	79
BUS A12	L E03C1	1-04 *	P			1	79
BUS A12	L E02C1	1-05 *	P			2	79
BUS A12	L E01C1	1-06 *	P			1	79
BUS A12	L	1				12-1/8	79
BUS A13	L R01P1	1-01 *				2	80
BUS A13	L R04P1	1-02 *			N 7-7/8	1	80
BUS A13	L E04K2	1-03 *	P			2	80
BUS A13	L E03K2	1-04 *	P			1	80
BUS A13	L E02K2	1-05 *	P			2	80
BUS A13	L E01K2	1-06 *	P			1	80
BUS A13	L	1				12-7/8	80
BUS A14	L R01R2	1-01 *	P			2	81
BUS A14	L R04R2	1-02 *			N 9-3/8	1	81
BUS A14	L E01K1	1-03 *			N 1	2	81
BUS A14	L E02K1	1-04 *			N 1	1	81
BUS A14	L E03K1	1-05 *			N 1	2	81
BUS A14	L E04K1	1-06 *				1	81
BUS A14	L	1				14-3/8	81
BUS A15	L B01R1	1-01 *				2	82
BUS A15	L R04R1	1-02 *			N 7-1/8	1	82
BUS A15	L E04D2	1-03 *	P			2	82
BUS A15	L E03D2	1-04 *	P			1	82
BUS A15	L E02D2	1-05 *	P			2	82
BUS A15	L E01D2	1-06 *	P			1	82
BUS A15	L	1				12-1/8	82

DD11P.F RUN NAME	A/P	WPP2R8.V34(62)-1 PIN NAME	ORDER PIN	31-Jul-75 RAY - ORDER	Q	DRAW	RV RG Y	X	Z	REMARKS	4-Nov-75	14:50 NC LENGTH FLAG	PAGE 9 EXCEPTIONS	RUN NUMBER
BUS A16	L	R01S2		1-01 * P					2				2	83
BUS A16	L	R04S2		1-02 *					1			N 8-3/8		83
BUS A16	L	E01F2		1-03 *					2			N 1		83
BUS A16	L	E02E2		1-04 *					1			N 1		83
BUS A16	L	E03F2		1-05 *					2			N 1		83
BUS A16	L	E04F2		1-06 *										83
BUS A16	L			1								13-3/8		83
BUS A17	L	R01S1		1-01 *					2			N 2		84
BUS A17	L	R04S1		1-02 *					1			N 6-7/8		84
BUS A17	L	E01D1		1-03 * P					2			1		84
BUS A17	L	E03D1		1-04 * P					1			1		84
BUS A17	L	E02D1		1-05 * P					2			1		84
BUS A17	L	E01F1		1-06 * P										84
BUS A17	L			1								11-7/8		84
BUS AC LO	L	R04F1	R01F1	1-01 * I					1			N 2		85
BUS AC LO	L	R01F1		1-02 * H					2	TWISTED PAIR		4-4/8		85
BUS AC LO	L	C01V1		1-03 *					1			N 1		85
BUS AC LO	L	C02V1		1-04 *					2			N 1		85
BUS AC LO	L	C03V1		1-05 *					1			N 1		85
BUS AC LO	L	C04V1		1-06 *										85
BUS AC LO	L			1								9-4/8		85
BUS PASY	L	R01P2		1-01 * H					2	TWISTED PAIR		12-5/8		86
BUS PASY	L	F01D1		1-02 * P					1			1		86
BUS PASY	L	F02D1		1-03 * P					2			1		86
BUS PASY	L	F03D1		1-04 * P					1			1		86
BUS PASY	L	F04D1		1-05 * H					2	TWISTED PAIR		12-5/8		86
BUS PASY	L	A04P2		1-06 * X										86
BUS PASY	L			1								28-2/8		86
BUS RG4S0	H	R01F2		1-01 * H					1	TWP-BG4 IN		7		87
BUS RG4S0	H	D01S2		1-02 *						TWP-BG4 IN				87
BUS RG4S0	H			1								7-0/8		87
BUS RG4S4	H	R04E2		1-01 * H					1	TWP-BG4 OUT		7-1/8		88
BUS RG4S4	H	D04T2		1-02 *						TWP-BG4 OUT				88
BUS RG4S4	H			1								7-1/8		88
BUS RG5S0	H	R01A1		1-01 * H					1	TWP-BG5 IN		7-1/8		89
BUS RG5S0	H	D01P2		1-02 *						TWP-BG5 IN				89
BUS RG5S0	H			1								7-1/8		89
BUS RG5S4	H	R04R1		1-01 * H					1	TWP-BG5 OUT		7-3/8		90
BUS RG5S4	H	D04R2		1-02 *						TWP-BG5 OUT				90
BUS RG5S4	H			1								7-3/8		90
BUS RG6S0	H	R01A1		1-01 * H					1	TWP-BG6 IN		7-1/8		91
BUS RG6S0	H	D01V2		1-02 *						TWP-BG6 IN				91
BUS RG6S0	H			1								7-1/8		91
BUS RG6S4	H	R04A1		1-01 * H					1	TWP-BG6 OUT		7-3/8		92
BUS RG6S4	H	D04N2		1-02 *						TWP-BG6 OUT				92
BUS RG6S4	H			1								7-3/8		92

DD11P.F RUN NAME	A/P	WPP2R8.V34(62)-1 PIN NAME	ORDER PIN	31-Jul-75 RAY - ORDER	Q	DRAW	RV RG Y	X	Z	REMARKS	4-Nov-75	14:50 NC LENGTH FLAG	PAGE 10 EXCEPTIONS	RUN NUMBER
BUS RG7S0	H	A01V1		1-01 * H					1	TWP-BG7 IN		7-3/8		93
BUS RG7S0	H	D01K2		1-02 *						TWP-BG7 IN				93
BUS RG7S0	H			1								7-3/8		93
BUS RG7S4	H	A04V1		1-01 * H					1	TWP-BG7 OUT		7-5/8		94
BUS RG7S4	H	D04T2		1-02 *						TWP-BG7 OUT				94
BUS RG7S4	H			1								7-5/8		94
BUS RR4	L	R04D2		1-01 * P					1			2		95
BUS RR4	L	R01D2		1-02 * H					2	TWISTED PAIR		6-1/8		95
BUS RR4	L	D01H2		1-03 * P					1			1		95
BUS RR4	L	D02H2		1-04 * P					2			1		95
BUS RR4	L	D03H2		1-05 * P					1			1		95
BUS RR4	L	D04H2		1-06 * P										95
BUS RR4	L			1								11-1/8		95
BUS RR5	L	R04C1		1-01 * P					1			2		96
BUS RR5	L	R01C1		1-02 * H					2	TWISTED PAIR		6-3/8		96
BUS RR5	L	D01F2		1-03 * P					1			1		96
BUS RR5	L	D02F2		1-04 * P					2			1		96
BUS RR5	L	D03F2		1-05 * P					1			1		96
BUS RR5	L	D04F2		1-06 * P										96
BUS RR5	L			1								11-3/8		96
BUS RR6	L	A04U2		1-01 * P					1			2		97
BUS RR6	L	A01U2		1-02 * H					2	TWISTED PAIR		7		97
BUS RR6	L	D01E2		1-03 * P					1			1		97
BUS RR6	L	D02E2		1-04 * P					2			1		97
BUS RR6	L	D03E2		1-05 * P					1			1		97
BUS RR6	L	D04E2		1-06 * P										97
BUS RR6	L			1								12-0/8		97
BUS RR7	L	A04T2		1-01 * P					1			2		98
BUS RR7	L	A01T2		1-02 * H					2	TWISTED PAIR		7		98
BUS RR7	L	D01D2		1-03 * P					1			1		98
BUS RR7	L	D02D2		1-04 * P					2			1		98
BUS RR7	L	D03D2		1-05 * P					1			1		98
BUS RR7	L	D04D2		1-06 * P										98
BUS RR7	L			1								12-0/8		98
BUS C0	L	R01U2		1-01 * P					1			2		99
BUS C0	L	R04U2		1-02 * H					2	TWISTED PAIR		7-1/8		99
BUS C0	L	E04J2		1-03 * P					1			1		99
BUS C0	L	E03J2		1-04 * P					2			1		99
BUS C0	L	E02J2		1-05 * P					1			1		99
BUS C0	L	E01J2		1-06 * P										99
BUS C0	L			1								12-1/8		99
BUS C1	L	R01T2		1-01 * P					2			2		100
BUS C1	L	R04T2		1-02 * H					1	TWISTED PAIR		A N 7		100
BUS C1	L	E04F2		1-03 * P					2			1		100
BUS C1	L	E03F2		1-04 * P					1			1		100
BUS C1	L	E02F2		1-05 * P					2			1		100
BUS C1	L	E01F2		1-06 * P										100
BUS C1	L			1								12-0/8		100

DD11A,E RUN NAME	A/P	PTN NAME	ORDER PIN	31-JUL-75 BAY - ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	4-NOV-75	14:50 NC FLAG	PAGE 15 LENGTH EXCEPTIONS	RUN NUMBER
BUS PB	L	A04N2		1-21 *	F						1				2	124
BUS PB	L	A01N2		1-22 *	H						2	TWISTED PAIR		6-3/8	124	
BUS PB	L	C01S1		1-23 *							1			N 1	124	
BUS PB	L	C02S1		1-24 *							2			N 1	124	
BUS PB	L	C03S1		1-25 *							1			N 1	124	
BUS PB	L	C04S1		1-26 *											124	
BUS PB	L			1											11-3/8	124
BUS SACK	L	A04R2		1-01 *	H						1	TWISTED PAIR		14	125	
BUS SACK	L	F04T2		1-02 *	P						2			1	125	
BUS SACK	L	F03T2		1-03 *	P						1			1	125	
BUS SACK	L	F02T2		1-04 *	P						2			1	125	
BUS SACK	L	F01T2		1-05 *	H						1	TWISTED PAIR		14	125	
BUS SACK	L	A01P2		1-06 *											125	
BUS SACK	L			1											31-0/8	125
BUS SSYN	L	B01U1		1-21 *	H						2	TWISTED PAIR		7-1/8	126	
BUS SSYN	L	F01J1		1-02 *							1			N 1	126	
BUS SSYN	L	F02J1	E03J1	1-03 *							2			N 1	126	
BUS SSYN	L	F03J1	E04J1	1-04 *							1			N 1	126	
BUS SSYN	L	E04J1		1-05 *							2		2-1	N 2-5/8	126	
BUS SSYN	L	F04C1		1-06 *	P						2			1	126	
BUS SSYN	L	F03C1		1-07 *	P						1			1	126	
BUS SSYN	L	F02C1		1-08 *	P						2			1	126	
BUS SSYN	L	F01C1		1-09 *	H						1	TWISTED PAIR		10-5/8	126	
BUS SSYN	L	B04U1		1-10 *	X										126	
BUS SSYN	L			1											26-3/8	126
C FIA CARRIER	H	A03P2		1-01 *							1			N 2-4/8	127	
C FIA CARRIER	H	B03H2		1-02 *											127	
C FIA CARRIER	H			1											2-4/8	127
C FIA CLR TO SEND	H	A03M2		1-01 *							1			N 3	128	
C FIA CLR TO SEND	H	B03K2		1-02 *											128	
C FIA CLR TO SEND	H			1											3-0/8	128
C FIA DATA TERM RDY	H	A03R2		1-01 *							1			N 3-2/8	129	
C FIA DATA TERM RDY	H	B03R2		1-02 *											129	
C FIA DATA TERM RDY	H			1											3-2/8	129
C FIA RCV DATA	H	A03F2		1-01 *							1			N 3-4/8	130	
C FIA RCV DATA	H	B03J2		1-02 *											130	
C FIA RCV DATA	H			1											3-4/8	130
C FIA REQ TO SEND	H	A03L2		1-01 *							1			N 4	131	
C FIA REQ TO SEND	H	B03T2		1-02 *											131	
C FIA REQ TO SEND	H			1											4-0/8	131
C FIA RING	H	A03K2		1-01 *							1			N 3-4/8	132	
C FIA RING	H	B03M2		1-02 *											132	
C FIA RING	H			1											3-4/8	132
C FIA SEC RCV DATA	H	A03F1		1-01 *							1			N 3-7/8	133	
C FIA SEC RCV DATA	H	B03L2		1-02 *											133	
C FIA SEC RCV DATA	H			1											3-7/8	133

DD11A,E RUN NAME	A/P	PTN NAME	ORDER PIN	31-JUL-75 BAY - ORDER	Q	DRAW OPT	RV	RG	Y	X	Z	REMARKS	4-NOV-75	14:50 NC FLAG	PAGE 16 LENGTH EXCEPTIONS	RUN NUMBER
C FIA SEC TRANS DATA	H	A03E1		1-01 *							1			N 4-6/8	134	
C FIA SEC TRANS DATA	H	B03U1		1-02 *											134	
C FIA SEC TRANS DATA	H			1											4-6/8	134
C FIA TRANSMIT DATA	H	A03E2		1-01 *							1			N 4-7/8	135	
C FIA TRANSMIT DATA	H	B03V1		1-02 *											135	
C FIA TRANSMIT DATA	H			1											4-7/8	135
C IN/C SEL RCV DATA	H	B03E1		1-01 *							1			N 6	136	
C IN/C SEL RCV DATA	H	D03H1		1-02 *							2			N 3-4/8	136	
C IN/C SEL RCV DATA	H	E03M1		1-03 *											136	
C IN/C SEL RCV DATA	H			1											9-4/8	136
C INT A	H	D03N1		1-01 *							1			N 6-3/8	137	
C INT A	H	F03U1		1-02 *											137	
C INT A	H			1											6-3/8	137
C INT B	H	C03J1		1-01 *							1			N 8-5/8	138	
C INT B	H	F03K2		1-02 *											138	
C INT B	H			1											8-5/8	138
C INT ENR A	H	D03M1		1-01 *							1			N 6-5/8	139	
C INT ENR A	H	F03V1		1-02 *											139	
C INT ENR A	H			1											6-5/8	139
C INT ENR B	H	C03L1		1-01 *							1			N 8-1/8	140	
C INT ENR B	H	F03H2		1-02 *											140	
C INT ENR B	H			1											8-1/8	140
C OUT HIGH	H	D03K1		1-01 *							1			N 3-3/8	141	
C OUT HIGH	H	F03M2		1-02 *											141	
C OUT HIGH	H			1											3-3/8	141
C OUT LO/C CLR TO SEND	H	B03F2		1-01 *							1			N 5-5/8	142	
C OUT LO/C CLR TO SEND	H	D03D1		1-02 *							2			N 4	142	
C OUT LO/C CLR TO SEND	H	F03N1		1-03 *											142	
C OUT LO/C CLR TO SEND	H			1											9-5/8	142
C SEL 0/C RING	H	B03C1		1-01 *							1			N 6-1/8	143	
C SEL 0/C RING	H	D03F1		1-02 *							2			N 4-1/8	143	
C SEL 0/C RING	H	F03S2		1-03 *											143	
C SEL 0/C RING	H			1											10-2/8	143
C SEL 4/C CARRIER	H	B03B1		1-01 *							1			N 6-1/8	144	
C SEL 4/C CARRIER	H	D03E1		1-02 *							2			N 4-3/8	144	
C SEL 4/C CARRIER	H	F03P2		1-03 *											144	
C SEL 4/C CARRIER	H			1											10-4/8	144
C SEL 6/C XMIT DATA	H	B03V2		1-01 *							1			N 4-1/8	145	
C SEL 6/C XMIT DATA	H	D03C1		1-02 *							2			N 4-4/8	145	
C SEL 6/C XMIT DATA	H	E03S1		1-03 *											145	
C SEL 6/C XMIT DATA	H			1											8-5/8	145
C SELECT 2	H	D03J1		1-01 *							1			N 4-1/8	146	
C SELECT 2	H	E03T2		1-02 *											146	
C SELECT 2	H			1											4-1/8	146

DD11P,E RUN NAME	A/P	PP2R6,V34(62)-1 PIN NAME	ORDER PIN	31-Jul-75 BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	4-Nov-75	14:50 NC FLAG	PAGE 17 LENGTH EXCEPTIONS	RUN NUMBER
C SSYN INHIBIT	L	D03V1		1-01 *							1			N	1	147
C SSYN INHIBIT	L	E03B1		1-02 *												147
C SSYN INHIBIT	L			1											1-0/8	147
C TTL DATA SET RDY	H	D03P1		1-01 *							1			N	7-1/8	148
C TTL DATA SET RDY	H	F03D2		1-02 *												148
C TTL DATA SET RDY	H			1											7-1/8	148
C TTL DATA TERM RDY	H	B03P2		1-01 *							1			N	2-1/8	149
C TTL DATA TERM RDY	H	C03F1		1-02 *												149
C TTL DATA TERM RDY	H			1											2-1/8	149
C TTL EXT SER CLK XMIT	H	B03R1		1-01 *	H						1	TWISTED PAIR			4-2/8	150
C TTL EXT SER CLK XMIT	H	D03B1		1-02 *								TWISTED PAIR				150
C TTL EXT SER CLK XMIT	H			1											4-2/8	150
C TTL RCV DATA	H	B03D1		1-01 *							1			N	5-3/8	151
C TTL RCV DATA	H	D03A1		1-02 *												151
C TTL RCV DATA	H			1											5-3/8	151
C TTL REQ TO SEND	H	B03S2		1-01 *							1			N	2-5/8	152
C TTL REQ TO SEND	H	C03K1		1-02 *												152
C TTL REQ TO SEND	H			1											2-5/8	152
C TTL SEC TRANS DATA	H	B03U2		1-01 *							1			N	2-1/8	153
C TTL SEC TRANS DATA	H	C03K1		1-02 *												153
C TTL SEC TRANS DATA	H			1											2-1/8	153
C TTL SERIAL CLK PCV	H	B03H1		1-01 *	H						1	TWISTED PAIR			6-6/8	154
C TTL SERIAL CLK PCV	H	D03S1		1-02 *								TWISTED PAIR				154
C TTL SERIAL CLK PCV	H			1											6-6/8	154
C TTL SERIAL CLK XMIT	H	B03K1		1-01 *	H						1	TWISTED PAIR			6-3/8	155
C TTL SERIAL CLK XMIT	H	D03R1		1-02 *								TWISTED PAIR				155
C TTL SERIAL CLK XMIT	H			1											6-3/8	155
C01P1		C01P1		1-01 *	1						1			N	1	156
C01P1		C02P1		1-02 *												156
C01P1				1											1-0/8	156
C01P1		C01P1		1-01 *	1						1			N	1	157
C01P1		C02P1		1-02 *												157
C01P1				1											1-0/8	157
C03P1		C03P1		1-01 *	1						1			N	1	158
C03P1		C04P1		1-02 *												158
C03P1				1											1-0/8	158
C03R1		C03R1		1-01 *	1						1			N	1	159
C03R1		C04R1		1-02 *												159
C03R1				1											1-0/8	159
CRG IN	H	D03U2		1-01 *							1			N	3-7/8	160
CRG IN	H	F03R1		1-02 *												160
CRG IN	H			1											3-7/8	160

DD11P,E RUN NAME	A/P	PP2R6,V34(62)-1 PIN NAME	ORDER PIN	31-Jul-75 BAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	4-Nov-75	14:50 NC FLAG	PAGE 18 LENGTH EXCEPTIONS	RUN NUMBER
CRG OUT	H	D03V2		1-01 *							1			N	3-7/8	161
CRG OUT	H	F03A1		1-02 *												161
CRG OUT	H			1											3-7/8	161
CHR OUT	L	D03J2		1-01 *							2			N	6-5/8	162
CHR OUT	L	F03P1		1-02 *							1			N	1	162
CHR OUT	L	F03U2		1-03 *												162
CHR OUT	L			1											7-5/8	162
D IN	H	D04M1		1-01 *							1			N	3-4/8	163
D IN	H	F04M1		1-02 *												163
D IN	H			1											3-4/8	163
D INT A	H	D04N1		1-01 *	1						1		3-7	N	6-3/8	164
D INT A	H	F04U1		1-02 *												164
D INT A	H			1											6-3/8	164
D INT B	H	C04J1		1-01 *							1			N	8-5/8	165
D INT B	H	F04K2		1-02 *												165
D INT B	H			1											8-5/8	165
D INT ENR A	H	D04M1		1-01 *							1			N	6-5/8	166
D INT ENR A	H	F04V1		1-02 *												166
D INT ENR A	H			1											6-5/8	166
D INT ENR B	H	C04L1		1-01 *							1			N	8-1/8	167
D INT ENR B	H	F04H2		1-02 *												167
D INT ENR B	H			1											8-1/8	167
D OUT HIGH	H	D04K1		1-01 *							1			N	3-3/8	168
D OUT HIGH	H	E04M2		1-02 *												168
D OUT HIGH	H			1											3-3/8	168
D OUT LOW	H	D04D1		1-01 *							1			N	4	169
D OUT LOW	H	F04N1		1-02 *												169
D OUT LOW	H			1											4-0/8	169
D SELECT 0	H	D04F1		1-01 *							1			N	4-1/8	170
D SELECT 0	H	F04S2		1-02 *												170
D SELECT 0	H			1											4-1/8	170
D SELECT 2	H	D04J1		1-01 *							1			N	4-1/8	171
D SELECT 2	H	E04T2		1-02 *												171
D SELECT 2	H			1											4-1/8	171
D SELECT 4	H	D04E1		1-01 *							1			N	4-3/8	172
D SELECT 4	H	F04R2		1-02 *												172
D SELECT 4	H			1											4-3/8	172
D SELECT 6	H	D04C1		1-01 *							1			N	4-4/8	173
D SELECT 6	H	F04S1		1-02 *												173
D SELECT 6	H			1											4-4/8	173

DD11R.F RUN NAME	WRP288.V34(62)-1	31-JUL-75	4-Nov-75	14:50	PAGE 19						
A/P	PIN	ORDER	BAY -	Q	DRAW	RV RG Y X Z	REMARKS	NC	LENGTH	EXCEPTIONS	RUN
	NAME	PIN	ORDER		OPT			FLAG			NUMBER
D SSYN INHIBIT	L	D04V1	1-01 *					N	1		174
D SSYN INHIBIT	L	E04B1	1-02 *								174
D SSYN INHIBIT	L		1						1-0/0		174
D01L2		D01L2	1-01 * P				1		0-5/0		175
D01L2		D02K2	1-02 * P								175
D01L2			1						0-5/0		175
D01N2		D01N2	1-01 * P				1		0-5/0		176
D01N2		D02M2	1-02 * P								176
D01N2			1						0-5/0		176
D01R2		D01R2	1-01 * P				1		0-5/0		177
D01R2		D02P2	1-02 * P								177
D01R2			1						0-5/0		177
D01T2		D01T2	1-01 * P				1		0-5/0		178
D01T2		D02S2	1-02 * P								178
D01T2			1						0-5/0		178
D02L2		D02L2	1-01 * P				1		0-5/0		179
D02L2		D03K2	1-02 * P								179
D02L2			1						0-5/0		179
D02N2		D02N2	1-01 * P				1		0-5/0		180
D02N2		D03M2	1-02 * P								180
D02N2			1						0-5/0		180
D02R2		D02R2	1-01 * P				1		0-5/0		181
D02R2		D03P2	1-02 * P								181
D02R2			1						0-5/0		181
D02T2		D02T2	1-01 * P				1		0-5/0		182
D02T2		D03S2	1-02 * P								182
D02T2			1						0-5/0		182
D03L2		D03L2	1-01 * P				1		0-5/0		183
D03L2		D04K2	1-02 * P								183
D03L2			1						0-5/0		183
D03N2		D03N2	1-01 * P				1		0-5/0		184
D03N2		D04M2	1-02 * P								184
D03N2			1						0-5/0		184
D03R2		D03R2	1-01 * P				1		0-5/0		185
D03R2		D04P2	1-02 * P								185
D03R2			1						0-5/0		185
D03T2		D03T2	1-01 * P				1		0-5/0		186
D03T2		D04S2	1-02 * P								186
D03T2			1						0-5/0		186
D0G IN	H	D04U2	1-01 *				1				187
D0G IN	H	F04A1	1-02 *					N	3-7/0		187
D0G IN	H		1						3-7/0		187

DD11R.F RUN NAME	WRP288.V34(62)-1	31-JUL-75	4-Nov-75	14:50	PAGE 20							
A/P	PIN	ORDER	BAY -	Q	DRAW	RV RG Y X Z	REMARKS	NC	LENGTH	EXCEPTIONS	RUN	
	NAME	PIN	ORDER		OPT			FLAG			NUMBER	
D0G OUT	H	D04V2	1-01 *				1		2-5	N	3-7/0	188
D0G OUT	H	F04A1	1-02 *								188	
D0G OUT	H		1							3-7/0	188	
D0R OUT	L	D04J2	1-01 * 1				1		4-0	N	6-5/0	189
D0R OUT	L	F04P1	1-02 *				2			N	1	189
D0R OUT	L	F04U2	1-03 *								189	
D0R OUT	L		1							7-5/0	189	
F01L2		F01L2	1-01 *				1			N	1	190
F01L2		F01R1	1-02 *								190	
F01L2			1						1-0/0		190	
F01N2		F01N2	1-01 *				1			N	1	191
F01N2		F01S1	1-02 *								191	
F01N2			1						1-0/0		191	
F01N1		F01D2	1-01 *				2			N	1-6/0	192
F01N1		F01R2	1-02 *				1			N	0-4/0	192
F01N1		F01N1	1-03 *								192	
F01N1			1						2-2/0		192	
F01P2		F01P2	1-01 * P				1				193	
F01P2		F01S2	1-02 * P								193	
F01P2			1						0-4/0		193	
F01V2		F01E1	1-01 *				1			N	2-3/0	194
F01V2		F01V2	1-02 *								194	
F01V2			1						2-3/0		194	
F02L2		F02L2	1-01 *				1			N	1	195
F02L2		F02R1	1-02 *								195	
F02L2			1						1-0/0		195	
F02M2		F02M2	1-01 *				1			N	1	196
F02M2		F02S1	1-02 *								196	
F02M2			1						1-0/0		196	
F02N1		F02D2	1-01 *				2			N	1-6/0	197
F02N1		F02R2	1-02 *				1			N	0-4/0	197
F02N1		F02N1	1-03 *								197	
F02N1			1						2-2/0		197	
F02P2		F02P2	1-01 * P				1				198	
F02P2		F02S2	1-02 * P								198	
F02P2			1						0-4/0		198	
F02V2		F02E1	1-01 *				1			N	2-3/0	199
F02V2		F02V2	1-02 *								199	
F02V2			1						2-3/0		199	
F03L2		F03L2	1-01 *				1			N	1	200
F03L2		F03R1	1-02 *								200	
F03L2			1						1-0/0		200	

DD11R.E RUN NAME	WPP2R8.V34(62)-1 A/P PIN NAME	ORDER PIN	31-JUL-75 RAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	4-NOV-75 14150 NC LENGTH FLAG	PAGE 21 EXCEPTIONS	RUN NUMBER
F03M2	F03M2		1-01 *							1	WIRE-IN DN B	N 1		201
F03M2	F03S1		1-02 *								WIRE-CLEAR B			201
F03M2			1									1-0/0		201
F03N1	F03D2		1-01 *							2	WIRE-VECTR 2	N 1-6/0		202
F03N1	F03P2		1-02 *							1	WIRE-ST IN A	N 0-4/0		202
F03N1	F03N1		1-03 *								WIRE-MASTR A			202
F03N1			1									2-2/0		202
F03P2	F03P2		1-01 * P							1			0-4/0	203
F03P2	F03S2		1-02 * P										0-4/0	203
F03P2			1										0-4/0	203
F03V2	F03F1		1-01 *							1	WIRE-BG IN B	N 2-3/0		204
F03V2	F03V2		1-02 *								WIRE-BG OT B			204
F03V2			1									2-3/0		204
F04L2	F04L2		1-01 *							1	WIRE-IN DN A	N 1		205
F04L2	F04F1		1-02 *								WIRE-CLEAR A			205
F04L2			1									1-0/0		205
F04M2	F04M2		1-01 *							1	WIRE-IN DN B	N 1		206
F04M2	F04S1		1-02 *								WIRE-CLEAR B			206
F04M2			1									1-0/0		206
F04N1	F04D2		1-01 *							2	WIRE-VECTR 2	N 1-6/0		207
F04N1	F04P2		1-02 *							1	WIRE-ST IN A	N 0-4/0		207
F04N1	F04N1		1-03 *								WIRE-MASTR A			207
F04N1			1									2-2/0		207
F04P2	F04P2		1-01 * P							1			0-4/0	208
F04P2	F04S2		1-02 * P										0-4/0	208
F04P2			1										0-4/0	208
F04V2	F04E1		1-01 *							1	WIRE-BG IN B	N 2-3/0		209
F04V2	F04V2		1-02 *								WIRE-BG OT B			209
F04V2			1									2-3/0		209

DD11R.E RUN NAME	WPP2R8.V34(62)-1 A/P PIN NAME	ORDER PIN	31-JUL-75 RAY - ORDER	Q	DRAW	RV	RG	Y	X	Z	REMARKS	4-NOV-75 14150 NC LENGTH FLAG	PAGE 22 EXCEPTIONS	RUN NUMBER
GND	A02D2		1-01 *							2			N 2	210
GND	A02T2		1-02 *							1			N 2-3/0	210
GND	A03D2		1-03 *							2			N 2	210
GND	A03T2		1-04 *							1			N 2-5/0	210
GND	A01R2		1-05 * P							2			0-1/0	210
GND	A01C2		1-06 * P							1			1-5/0	210
GND	A01N1		1-07 * P							2			0-1/0	210
GND	A01P1		1-08 * P							1			0-1/0	210
GND	A01R1		1-09 * P							2			0-1/0	210
GND	A01S1		1-10 * P							1			0-1/0	210
GND	A01T1		1-11 * P							2			0-4/0	210
GND	A01V2		1-12 * P							1			2-5/0	210
GND	A02C2		1-13 * P							2			2-1/0	210
GND	A02T1		1-14 * P							1			2-5/0	210
GND	A03C2		1-15 * P							2			2-1/0	210
GND	A03T1		1-16 * P							1			2-7/0	210
GND	A04B2		1-17 * P							2			0-1/0	210
GND	A04C2		1-18 * P							1			1-5/0	210
GND	A04N1		1-19 * P							2			0-1/0	210
GND	A04P1		1-20 * P							1			0-1/0	210
GND	A04R1		1-21 * P							2			0-1/0	210
GND	A04S1		1-22 * P							1			0-1/0	210
GND	A04T1		1-23 * P							2			0-4/0	210
GND	A04V2		1-24 * P							1			2-5/0	210
GND	B01R2		1-25 * P							2			0-1/0	210
GND	B01C2		1-26 * P							1			0-1/0	210
GND	B01D1		1-27 * P							2			0-1/0	210
GND	B01F1		1-28 * P							1			1-7/0	210
GND	B01T1		1-29 * P							2			0-4/0	210
GND	B01V2		1-30 * P							1			2-5/0	210
GND	B02C2		1-31 * P							2			2-1/0	210
GND	B02T1		1-32 * P							1			2-5/0	210
GND	B03C2		1-33 * P							2			2-1/0	210
GND	B03T1		1-34 * P							1			2-7/0	210
GND	B04B2		1-35 * P							2			0-1/0	210
GND	B04C2		1-36 * P							1			0-1/0	210
GND	B04D1		1-37 * P							2			0-1/0	210
GND	B04E1		1-38 * P							1			1-7/0	210
GND	B04T1		1-39 * P							2			0-4/0	210
GND	B04V2		1-40 * P							1			2-5/0	210
GND	C01C2		1-41 * P							2			2-1/0	210
GND	C01T1		1-42 * P							1			2-5/0	210
GND	C02C2		1-43 * P							2			2-1/0	210
GND	C02T1		1-44 * P							1			2-5/0	210
GND	C03C2		1-45 * P							2			2-1/0	210
GND	C03T1		1-46 * P							1			2-5/0	210
GND	C04C2		1-47 * P							2			2-1/0	210
GND	C04T1		1-48 * P							1			2-2/0	210
GND	D01C2		1-49 * P							2			2-1/0	210
GND	D01T1		1-50 * P							1			2-5/0	210
GND	D02C2		1-51 * P							2			2-1/0	210
GND	D02T1		1-52 * P							1			2-5/0	210
GND	D03C2		1-53 * P							2			2-1/0	210
GND	D03T1		1-54 * P							1			2-5/0	210
GND	D04C2		1-55 * P							2			2-1/0	210
GND	D04T1		1-56 * P							2			2-1/0	210

DD11A.F
RUN NAME

WRP288,V34(62)-1 31-JUL-75
A/P PIN ORDER BAY - Q DRAW RV RG Y X Z
NAME PIN ORDER OPT

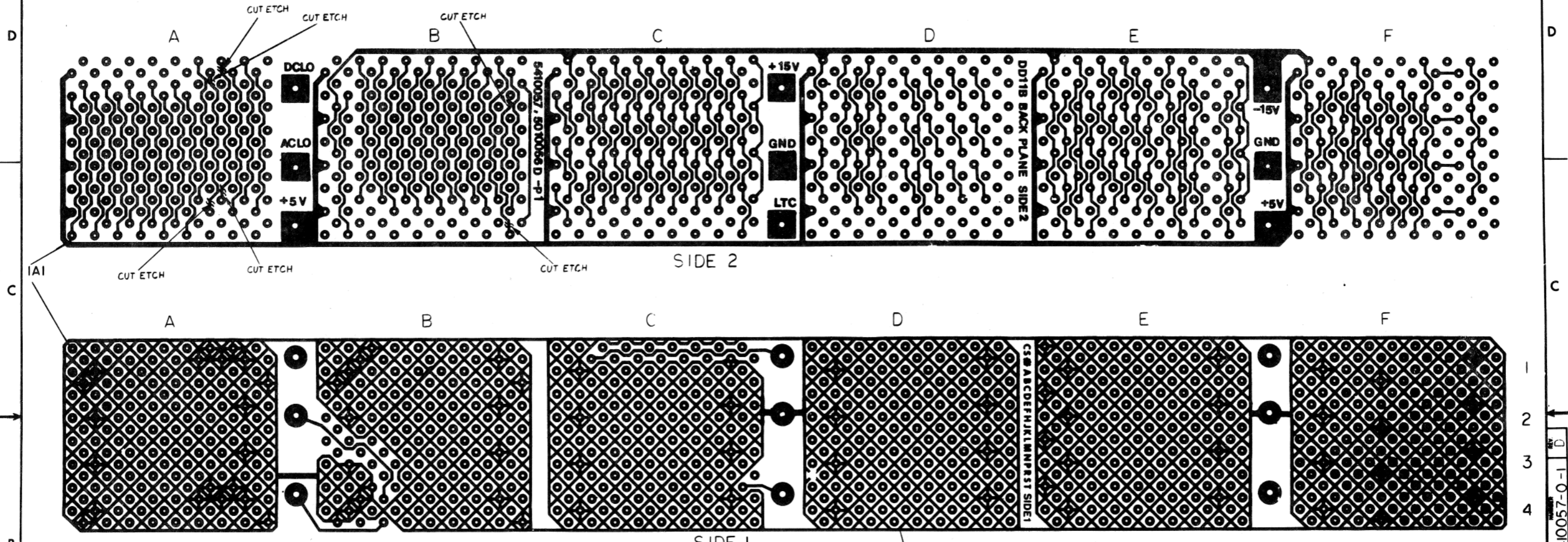
4-NOV-75
REMARKS

14150 PAGE 23
NC LENGTH EXCEPTIONS
FLAG

RUN
NUMBER

GND			1									85-0/8	210
GND A		E01A1	1-01 *	P								0-4/8	211
GND A		E01C2	1-02 *	P								2-1/8	211
GND A		E01T1	1-03 *	P								2-5/8	211
GND A		E02A1	1-04 *	P								0-4/8	211
GND A		E02C2	1-05 *	P								2-1/8	211
GND A		F02T1	1-06 *	P								2-5/8	211
GND A		F03A1	1-07 *	P								0-4/8	211
GND A		F03C2	1-08 *	P								2-1/8	211
GND A		E03T1	1-09 *	P								2-5/8	211
GND A		E04A1	1-10 *	P								0-4/8	211
GND A		E04C2	1-11 *	P								2-1/8	211
GND A		F04T1	1-12 *	P								2-2/8	211
GND A		F01C2	1-13 *	P								1-1/8	211
GND A		F01J2	1-14 *	P								1-5/8	211
GND A		F01T1	1-15 *	P								2-5/8	211
GND A		F02C2	1-16 *	P								1-1/8	211
GND A		F02J2	1-17 *	P								1-5/8	211
GND A		F02T1	1-18 *	P								2-5/8	211
GND A		F03C2	1-19 *	P								1-1/8	211
GND A		F03J2	1-20 *	P								1-5/8	211
GND A		F03T1	1-21 *	P								2-5/8	211
GND A		F04C2	1-22 *	P								1-1/8	211
GND A		F04J2	1-23 *	P								1-5/8	211
GND A		F04T1	1-24 *	P									211
GND A			1									39-4/8	211
LTC		C01D1	1-01 *	P								1	212
LTC		C02D1	1-02 *	P								N 1	212
LTC		C03D1	1-03 *	P								1	212
LTC		C04D1	1-04 *	P									212
LTC			1										212
												3-0/8	212

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ECO *3
 CUT ETCH AS FOLLOWS:
 A01P2 A04P2
 A01R2 AC4R2
 B01U1 B04U1

REV.	CHG.	NO.	DATE	BY	DESCRIPTION
1	A	15410057-0000	7-15-74	T. UPTON	INITIAL
2	B	15410057-0001	10-23-75	T. UPTON	MINOR
3	C	15410057-0002	10-23-75	T. UPTON	MINOR
4	D	15410057-0003	12-10-76	T. UPTON	MINOR

1	ETCHED CIRCUIT BOARD	5010056	4
REF	MODULE ECO HISTORY	B-MW-5410057-0-6	3
REF	ASSY/DRILLING HOLE LAYOUT	E-AH-5410057-0-5	2
REF	X-Y COORDINATE HOLE LOCATION	K-CG-5410057-0-4	1

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
DD11-B				

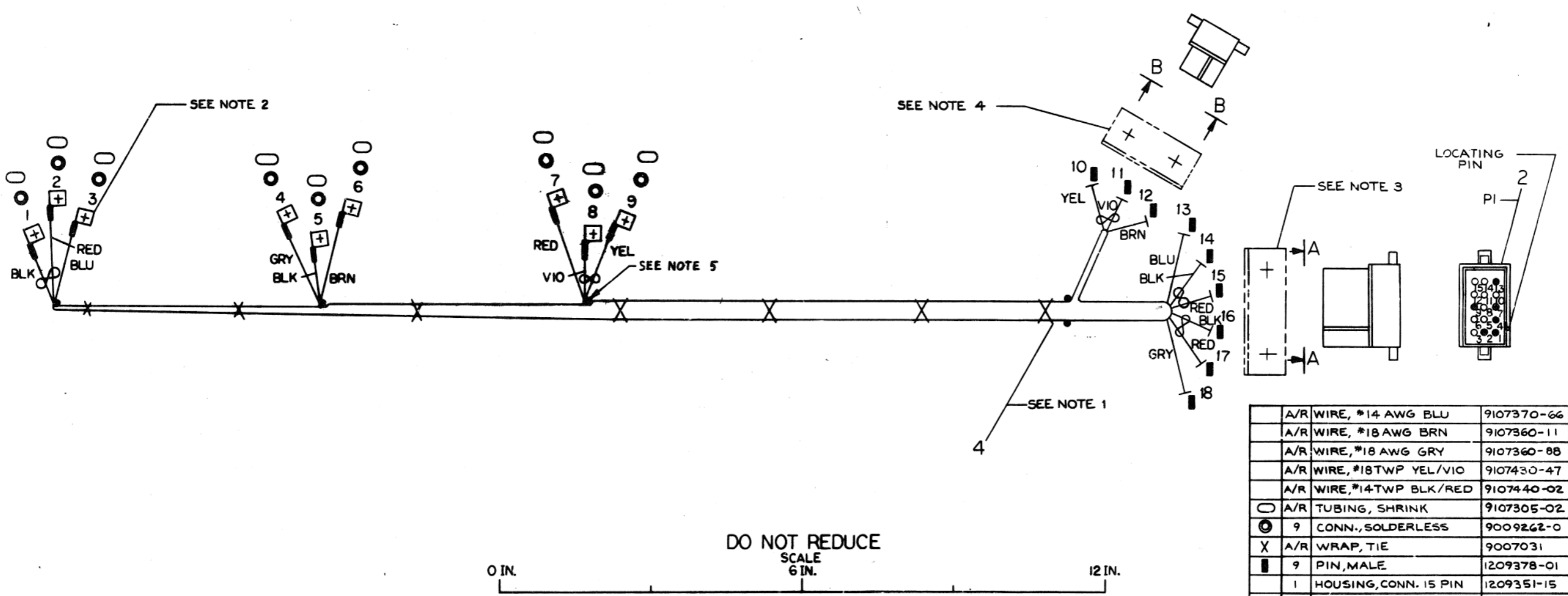
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN.	DATE	TOLERANCES	CHK'D.	DATE	ENGR.	DATE	PROJ. ENG.	DATE	RECD.	DATE
.XXX - .005	<i>C. Pender</i>	7/15/74	±0° 30'	<i>C. Schmor</i>	7/21/74	<i>John</i>	7/25/74	<i>John</i>	7/25/74	<i>John</i>	7/25/74

MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV.
FINISH	A-PL-DD11-B-0	DCS	5410057-0-1	D

TITLE	CIRCUIT SCHEMATIC (DD11-B)
SCALE	2/1
SHEET	1 OF 1

WIRE TABLE									
ITEM NO	DESCRIPTION	COLOR	FROM			TO			REMARKS
			POINT	CONNECTION	TERM	POINT	CONNECTION	TERM	
7	14 TWP	RED	7		5,6	17	PI-1	3	+5V
		BLK	5			16	PI-7		GND
9	18 AWG	GRY	4			18	PI-2		+15
7	14 TWP	RED	2			15	PI-4		+5
		BLK	1			14	PI-9		GND
11	14 AWG	BLU	3			13	PI-13		-15
10	18 AWG	BRN	6			12	PE-2		LINE CLOCK
8	18 TWP	VIO	8			11	PE-3		DC LD
		YEL	9		5,6	10	PE-4	3	AC LD

- NOTES:
1. USE TIE WRAPS (X) ITEM 4 APPROXIMATELY EVERY THREE (3) INCHES WHEN NECESSARY, AND AT EVERY BREAK-OUT POINT.
 2. ATTACH MALE FASTON DEC 9008219-0 WITH #4 WOOD SCREWS (9 PLACES).
 3. USE CONN. BRKT C-MD-9305761-H15-0 MOUNT WITH #6 WOOD SCREWS. USE MATING CONN. 1209350-15.
 4. USE CONN. BRKT C-MD-9305761-H6-0 MOUNT WITH #6 WOOD SCREWS. USE MATING CONN. 1209350-06.
 5. DOT (●) INDICATES NAIL LOCATIONS FOR ASSEMBLY USE ONLY. COVER NAILS WITH SHRINK TUBING TO PREVENT CUTTING HARNESS.



DO NOT REDUCE SCALE 6 IN. 12 IN.

DO NOT BUILD FROM REDUCED PRINT

SYMBOL	DESCRIPTION	PART NO.	ITEM NO.
A/R WIRE, #14 AWG BLU		9107370-66	11
A/R WIRE, #18 AWG BRN		9107360-11	10
A/R WIRE, #18 AWG GRY		9107360-88	9
A/R WIRE, #18 TWP YEL/VIO		9107430-47	8
A/R WIRE, #14 TWP BLK/RED		9107440-02	7
A/R TUBING, SHRINK		9107305-02	6
● 9 CONN., SOLDERLESS		9009262-0	5
X A/R WRAP, TIE		9007031	4
■ 9 PIN, MALE		1209378-01	3
□ 1 HOUSING, CONN. 15 PIN		1209351-15	2
□ 1 HOUSING, CONN. 6 PIN		1209351-06	1

FIRST USED OR OPT/MOD	SYMBOL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES					
DECIMALS	ANGLES				
.XXX - .006	±0° 30'				
.XX - .02					
.X - .1					
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					
MATERIAL					
SEE PARTS LIST					
FINISH					
SCALE 1/1					
SHEET OF DIST.					

CAUTION - DRAWING SIZE AND SCALE REDUCED FOR MICROFILM NOT TO BE USED FOR PRODUCTION

POWER HARNESS
DA11-F/DD11-B

DIA 7009563-0-0

DRAWING NUMBER DIA 7009563-0-0

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS PARTS LIST			QUANTITY / VARIATION																		
MADE BY G. FLANDERS		CHECKED C. Teschner	SECTION																		
DATE 8/23/72		DATE 9/1/72	1																		
ENG D.E. Jensen		PROD D. De... ..	ISSUED SECT.																		
DATE 9-15-72		DATE 9/22/72	1																		
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION																			
1	C-IA-7009062-0-0	WIRED ASSY (DD11-B)		1																	
2	D-MU-DD11-B-1	MODULE UTILIZATION (DD11-B)		1																	
3	A-PL-DD11-B-1	MODULE UTILIZATION (DD11-B) P.L.		1																	
4	D-IA-7009099-0-0	POWER HARNESS		1																	
5	D-IA-7009563-0-0	D11-F/DD11-B OPTION HARNESS*		1																	
*NOTE: FOR 11/45-11/50 CPU WITH SERIAL NO. LESS THAN 2000 USE HARNESS 7009162. FOR 11/35-11/40 CPU WITH S/N LESS THAN 6000 OR H960-D,E WITH S/N LESS THAN 7000 USE HARNESS 7009099.																					
REF	D-CS-5410057-0-1	CIRCUIT SCHEMATIC		1																	
WARNING:																					
THIS OPTION MUST BE USED ONLY WITH MOUNTING BOXES BUSSING POWER TO THE BACK PLANE VIA FASTON CONNECTORS. G772 POWER BUS MODULES MUST NOT BE PLUGGED INTO ANY SLOT IN THE DD11-B.																					
TITLE PERIPHERAL MOUNTING PANEL		ASSY NO. / /		SIZE A	CODE PL	NUMBER DD11-B-Ø				REV. A	ECO NO. DD11B-00004										
		SHEET 1 OF 1		DIST																	

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DRAWING NUMBER	INIT REL	AUTOMATIC WIRE TESTER (AWT) REVISION STATUS																REV. F
	T6	D	E	F														
K-WL-DD11-B-2	C	D	E	E														
D-1A-7009062-0-0	C	C	D	D														
D-CS-5410057-0-1	E	E	E	E														

SIZE CODE
A WT
NUMBER
7009062-0
REV. F

REVISIONS	CHANGE NO.	REV.
	DD11B-00001	D
ORIGINATED		
T.U.	DD11B-00007	E
4 May	7009062-00001	F

DRN. <i>John J. ...</i>	DATE <i>5-13-75</i>	EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
CHK'D <i>A. Gilbert</i>	DATE <i>5-13-75</i>	
ENG. <i>John J. ...</i>	DATE <i>5/13/75</i>	TITLE DD11-B AWT REVISION STATUS
PROJ. ENG. <i>John J. ...</i>	DATE <i>5/15/75</i>	
PROD. <i>John J. ...</i>	DATE <i>5/15/75</i>	SIZE CODE A WT
FIRST USED ON DD11-B		NUMBER 7009062-0
SCALE		REV. F
SHEET	OF	DIST