

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

	SEQUENCE		SEQUENCE
DRAWING DIRECTORY	B-DD-KD11-A-0		
KD11-A PROCESSOR (BLOCK DIAGRAM U WORD & TABLES)	D-BD-KD11-A-BD		
FLOW DIAGRAM	D-FD-KD11-A-FD		
PARTS LIST	A-PL-KD11-A-0		
MODULE UTILIZATION	D-MU-KD11-A-MU		
DATA PATHS	D-CS-M7231-0-1		
U WORD	D-CS-M7232-0-1		
IR DECODE	D-CS-M7233-0-1		
TIMING	D-CS-M7234-0-1		
STATUS	D-CS-M7235-0-1		
INTERNAL UNIBUS AND TERMINATOR (M981)	D-CS-5409764-0-1		
CIRCUIT SCHEMATIC BACK PANEL	C-CS-5410143-0-1		
BACK PANEL (WIRE & ETCH LIST)	K-WL-KD11-A-WL (COMPLETE)		
STACK LIMIT REGISTER	B-DD-KJ11-A		
LINE FREQUENCY CLOCK	B-DD-KW11-L		
MAINTENANCE BOARD (1&2)	D-BS-KM11-0-MB		
SILK SCREEN (KD11-A)	A-SS-5509081-0-12		
SILK SCREEN (KT11-D, KEL1-E, F)	A-SS-5509081-0-13		

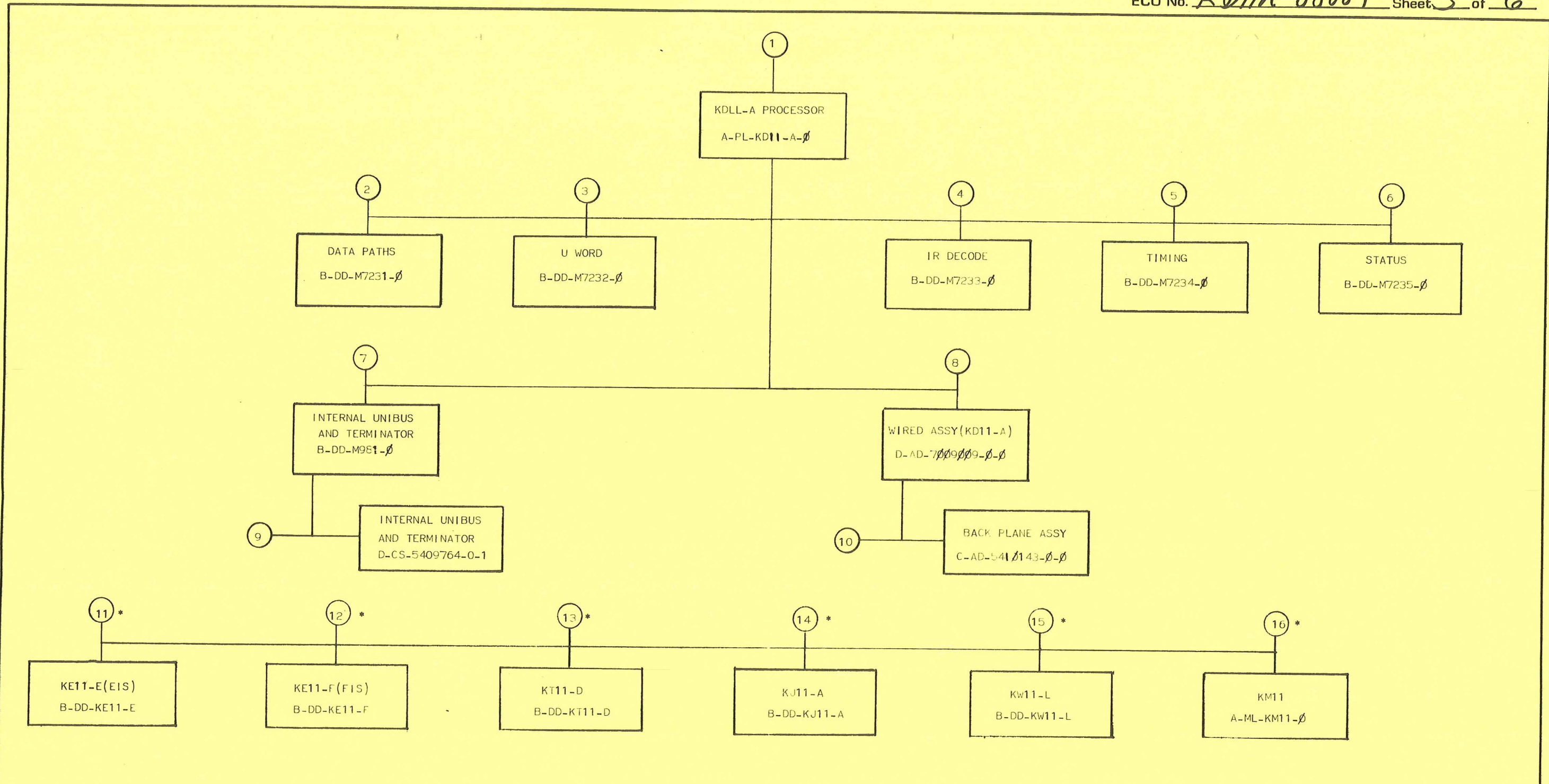
THIS IS PRINT SET

UNIT VARIATIONS		PRINT SET TYPE			
VARIATION	TITLE	KD11-A			
KD11-A	KD11-A PROCESSOR	X			

REVISIONS	REV	CHG. NO.	A	B	C	D
	DATE		10-72	10-72	2-73	6-73
	10	KD11A-00008	11/7/72	KD11A-00005	KD11A-6	KD11A-00007
	2	1786	2/15/73	1786	1/14/73	1786
	6	1786	2/15/73	1786	1/14/73	1786

USED ON OPTION/MODEL

DRN.	DATE	TITLE KD11-A PROCESSOR		
CHK'D.	DATE			
PROJ ENG.	DATE			
PROP.	DATE			
FIELD SERV.	DATE			
SHEET 4 OF 3	DIST G	SIZE CODE B DD	NUMBER KD11-A	REV D



* OPTIONS TO KD11-A PROCESSOR

TITLE	SIZE CODE	NUMBER	REV
KD11-A PROCESSOR	B DD	KD11-A	D

CUSTOMER PRINT SET					ELECTRICAL					CUSTOMER PRINT SET					MECHANICAL				
KD11-A			MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.	KD11-A			MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO.
X				1	D-BD-KD11-A-BD	A	2	BLOCK DIAGRAM, U WORD&TABLES		X				1	A-PL-KD11-A-Ø	✓*	1	PARTS LIST	
X					D-FD-KD11-A-FD	A	12	FLOW DIAGRAM						9	D-AD-7ØØ9ØØ9-Ø-Ø	B	1	WIRED ASSY (KD11-A)	
X					D-MU-KD11-A-MU	A	1	MODULE UTILIZATION						10	C-AD-541Ø143-Ø-Ø		1	BACK PANEL ASSY	
C					K-WL-KD11-A-WL	E	33	WIRE & ETCH LIST (COMPLETE)											
X				1Ø	C-CS-541Ø143-Ø-1	±	1	CIRCUIT SCHEMATIC BACK PANEL							B-DD-2338-0		4	XOR TESTERS	
				2	B-DD-M7231-Ø		2	DATA PATHS											
X					D-CS-M7231-Ø-1	±	9	DATA PATHS CIRCUIT SCHEMATIC											
				3	B-DD-M7232-Ø		2	U WORD											
X					D-CS-M7232-Ø-1	±	12	U WORD CIRCUIT SCHEMATIC											
				4	B-DD-M7233-Ø		2	IR DECODE											
X					D-CS-M7233-Ø-1	±	9	IR DECODE CIRCUIT SCHEMATIC											
				5	B-DD-M7234-Ø		2	TIMING											
X					D-CS-M7234-Ø-1	±	6	TIMING CIRCUIT SCHEMATIC											
				6	B-DD-M7235-Ø		2	STATUS											
X					D-CS-M7235-Ø-1	±	8	STATUS CIRCUIT SCHEMATIC											
				7	B-DD-M981-Ø		2	INTERNAL UNIBUS AND TERMINATOR											
X				8	D-CS-54Ø9764-Ø-1	±	2	INTERNAL UNIBUS AND TERMINATOR CIRCUIT SCHEMATIC											
					B-DD-KY11-D	REF	2	KY11-D CONSOLE											
					11B-DD-KE11-E	REF	2	KE11-E (EIS)											
					12B-DD-KE11-F	REF	2	KE11-F (FIS)											
					13B-DD-KT11-D	REF	2	MEMORY MANAGEMENT											
C					14B-DD-KJ11-A	±	2	STACK LIMIT REGISTER											
C					15B-DD-KW11-L	±		LINE FREQUENCY CLOCK											
					16A-ML-KM11-Ø	REF	1	MAINTENANCE PANEL (W130, W131)											
X					D-BS-KM11-Ø-MB	±	3	MAINTENANCE BOARD (1&2)											
X					A-SS-5509081-0-12	±	1	SILK SCREEN (KD11-A)											
X					A-SS-5509081-0-13	±	1	SILK SCREEN (KT11-D, KE11-E, F)											

TITLE	KD11-A PROCESSOR	SIZE	CODE	NUMBER	REV
		B	DD	KD11-A	D
	SHEET 3 OF 3				

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WIRE LIST CHARACTERISTICS:

1. SIGNAL NAMES ARE LISTED WITHOUT THEIR PRINT SOURCE PREFIX. THIS AIDS ALPHABETICAL SEARCHES.
2. THE PRINT OR PRINTS UPON WHICH A GIVEN PIN ENTRY APPEARS IS NOTED IN THE "DRAW" COLUMN. MULTIPLE SHEET ENTRIES ARE NOTED WITHOUT COMMA'S WITH THE PRINT DESIGNATORS. FOR EXAMPLE "K4-235" INDICATES ENTRIES ON SHEETS 2,3 and 5 IN THE K4 MODULE PRINTS, NO PRINT SETS HAVE MORE THAN NINE PAGES.
3. THE PRINT PREFIX AND THE ORIGIN OF THE SIGNAL CAN BE DETERMINED BY THE SOURCE NOTATION IN THE "REMARK" COLUMN. THIS SOURCE ENTRY, PRINT PREFIX IS USED BEFORE THE SIGNAL NAME ON ALL DRAWINGS. MULTIPLE SHEET ENTRIES HAVE THE SPECIFIC PRINT NOTED.
4. BUS SIGNALS WHICH OFTEN HAVE MULTIPLE (WIRED OR) SOURCES DO NOT HAVE PRINT PREFIXES. THE USE OF "BUS" IN THE NAME IDENTIFIES THESE SIGNALS, SIGNALS FOR +5V AND GND ALSO HAVE NO PRINT PREFIX.
5. THE WIRE LIST CONTAINS ETCH BACKPANEL CONNECTIONS AS WELL AS WIRE WRAP CONNECTIONS. ETCH IS IDENTIFIED BY AN "H" IN THE "Q" COLUMN AND A "P" IN THE "REMARK" COLUMN. "EXCEPTION" COLUMN NOTATIONS FOR ETCH CONNECTIONS SHOULD BE IGNORED.

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 11				

REVISIONS	CHANGE NO.	REV.
<i>PM</i>	KD11A-00002	A
<i>A. Tonne 9-27-72</i>		
	O'LOUGHLIN	
<i>JF O'Loughlin</i>	<i>10/12/72</i>	B
<i>PM</i>	KD11A-00003	
<i>A. Tonne 10-25-72</i>		
	O'LOUGHLIN	
<i>JF O'Loughlin</i>	<i>11/7/72</i>	C
<i>SS</i>	KD11A-00005	
<i>Dennis M. M. Marchion 2-8-73</i>		
	O'LOUGHLIN	
<i>JF O'Loughlin</i>	<i>2-15-73</i>	D
<i>PM</i>	KD11A-00006	
<i>A. Gilbert 6-14-73</i>		
	O'LOUGHLIN	
<i>JF O'Loughlin</i>	<i>6/14/73</i>	E
<i>PM</i>	KD11A-00007	
<i>A. Nowles 12-18-73</i>		
	O'LOUGHLIN	
<i>JF O'Loughlin</i>	<i>1-14-74</i>	

DRN <i>JF O'Loughlin</i>	DATE <i>7/31/72</i>
CHKD <i>JF O'Loughlin</i>	DATE <i>7/31/72</i>
ENG <i>JF O'Loughlin</i>	DATE <i>7/31/72</i>
PROJ ENG <i>JF O'Loughlin</i>	DATE <i>7/31/72</i>
PRD <i>A. Stimpert</i>	DATE <i>8-2-72</i>
NEXT HIGHER ASSEMBLY	
KD11-A	
SCALE	
SHEET 1 OF 1	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
BACK PANEL
(KD11-A PROCESSOR)

SIZE CODE	NUMBER	REV.
K WL	KD11-A-WL	E
DIST.		

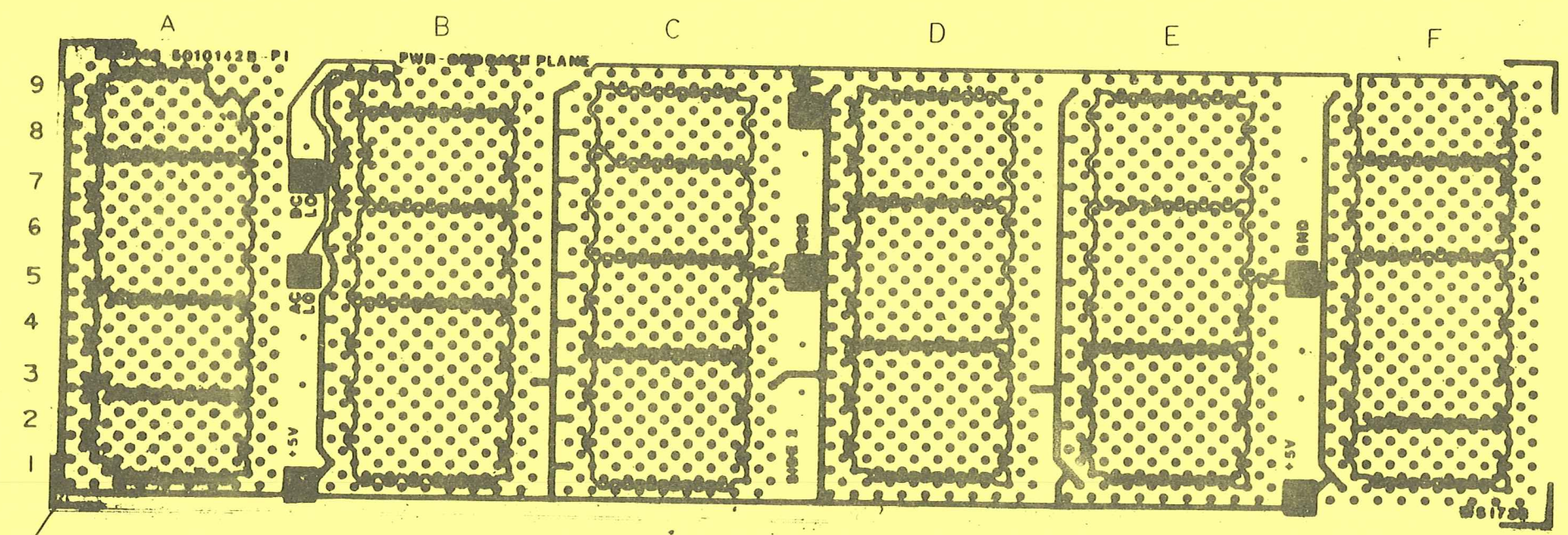
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CONNECTIVITY TABLE

SIGNAL NAME		NOTES
GND	ALL C2'S AND T1'S, ALSO A09S1, A09R1, A09P1 AND A09N1	GND PLANE ON SIDE 1, TOWARD CONNECTOR BLOCKS, INTERCONNECTS ALL C2'S AND T1'S
+5V	ALL A2'S, ALSO B03V1, C03V1, D03V1, E03B1, AND F01B1	
-15V	C09B2, D09B2, E09B2 AND F09B2	
AC L0	B09F1	
DC L0	B09F2	

D
C
B
A

D
C
B
A



REV.	CHANGE NO.	DATE	BY
A	0410143-00001	9-29-72	J. O'LOUGHLIN
B	0410143-00002	12/6/72	R. D. HALL
C	0410143-00003	2/14/73	BILL MINOR
		2-16-73	BILL MINOR
		12/17/73	BILL MINOR
		1/11/74	BILL MINOR

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDR II				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN <i>R. P. D'Amico</i>	DATE 8-11-72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS TITLE CIRCUIT SCHEMATIC BACK PANEL	
DECIMALS	CHK'D <i>R. P. D'Amico</i>	DATE 8/22/72		
ANGLES	ENG <i>R. P. D'Amico</i>	DATE 8/22/72		
.XXX = .005 .XX = .02 .X = .1	PROJ. ENG. <i>R. P. D'Amico</i>	DATE 8/22/72		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROD. <i>R. P. D'Amico</i>	DATE 8-22-72		
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV.
++	C-1A-5410143-0-0	C CS	5410143-0-1	C
FINISH	SCALE NONE	SHEET	OF 1	DIST.
++		1		

5410143-0-0 C