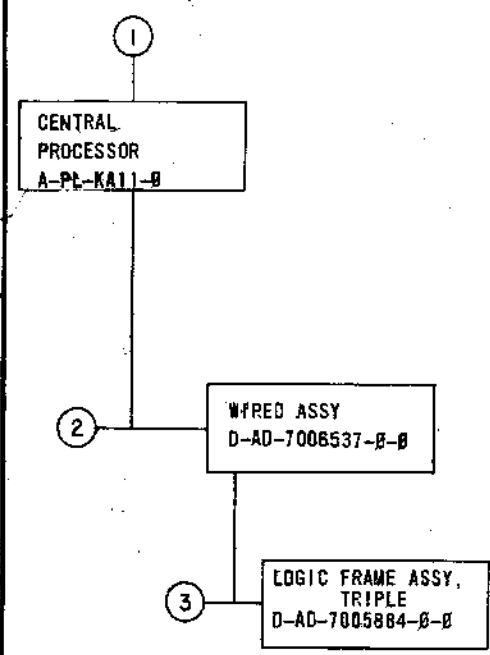


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D  
C  
B  
A



MECHANICAL				USAGE		ELECTRICAL				USAGE	
FIND NO	DESCRIPTION	PART NO.	PROD	CUST	FC	FIND NO	DESCRIPTION	PART NO.	PROD	CUST	FC
1.	CENTRAL PROCESSOR MODULE UTILIZATION	A-PL-KA11-B-B A-PL-KA11-B-MU				1.	CENTRAL PROCESSOR TIMING & STATES M728 STATE CNTL M727 PRIORITY M824 REGISTER CNTL M821 REGISTER M225 DATA PATH CNTL M820 DATA PATH 1 M224 DATA PATH 2 M224 BUS INTERFACE & IR M725 IR DECODE M726 CODES DATA M823 FLAG CNTL M822 BUS & CONSOLE CNTL M724 KA11 BUS & POWER CONNECTIONS PWR FAIL & CNTL M825 MODULE UTILIZATION	A-ML-KA11-B D-CS-M728-B-1 D-CS-M727-B-1 D-CS-M824-B-1 D-CS-M821-B-1 D-BS-KA11-B-REG D-CS-M820-B-1 D-BS-KA11-B-DP1 D-BS-KA11-B-DP2 D-CS-M725-B-1 D-CS-M726-B-1 D-CS-M823-B-1 D-CS-M822-B-1 D-CS-M724-B-1 D-FC-KA11-B-BP D-CS-M825-B-1 D-MU-KA11-B-MU			
2.	WIRED ASSY WIRED ASSY (PL) LOGIC SERIAL #DECAL	D-AD-7006537-0-0 A-PL-7006537-0-0 A-SS-7407846-0-0					BLOCK DIAG. CUT ACROSS 1 BIT INSTRUCTION FLOW DIAGRAM BUS FLOW WAVE FORMS KA11 BLOCK DIAGRAM	D-BD-KA11-B-DBCA D-FD-KA11-B-IFD D-FD-KA11-B-BF D-FD-KA11-B-WF D-BD-KA11-B-BD			
3.	LOGIC FRAME ASSY, TRIPLE LOGIC FRAME ASSY, TRIPLE STRAP, TRIPLE FRAME CONN BLOCK MTG FRAME	D-AD-7005884-0-0 A-PL-7005884-0-0 C-MD-7407513-0-0 D-IA-7407507-0-0				2.	WIRED ASSY WIRE LIST	D-AD-7006537-0-0 K-WL-KA11-B-WL			

D  
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B  
A

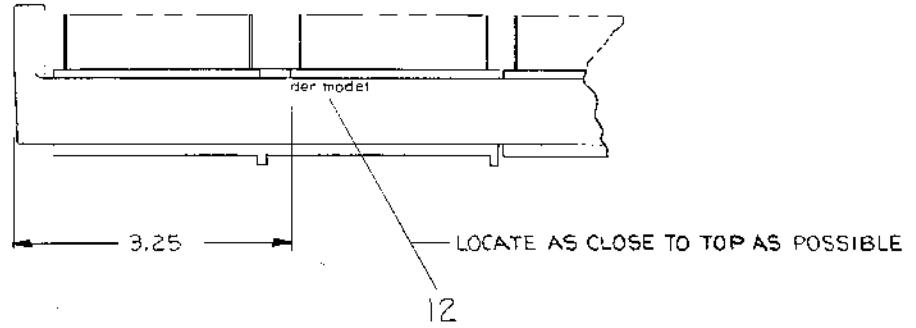
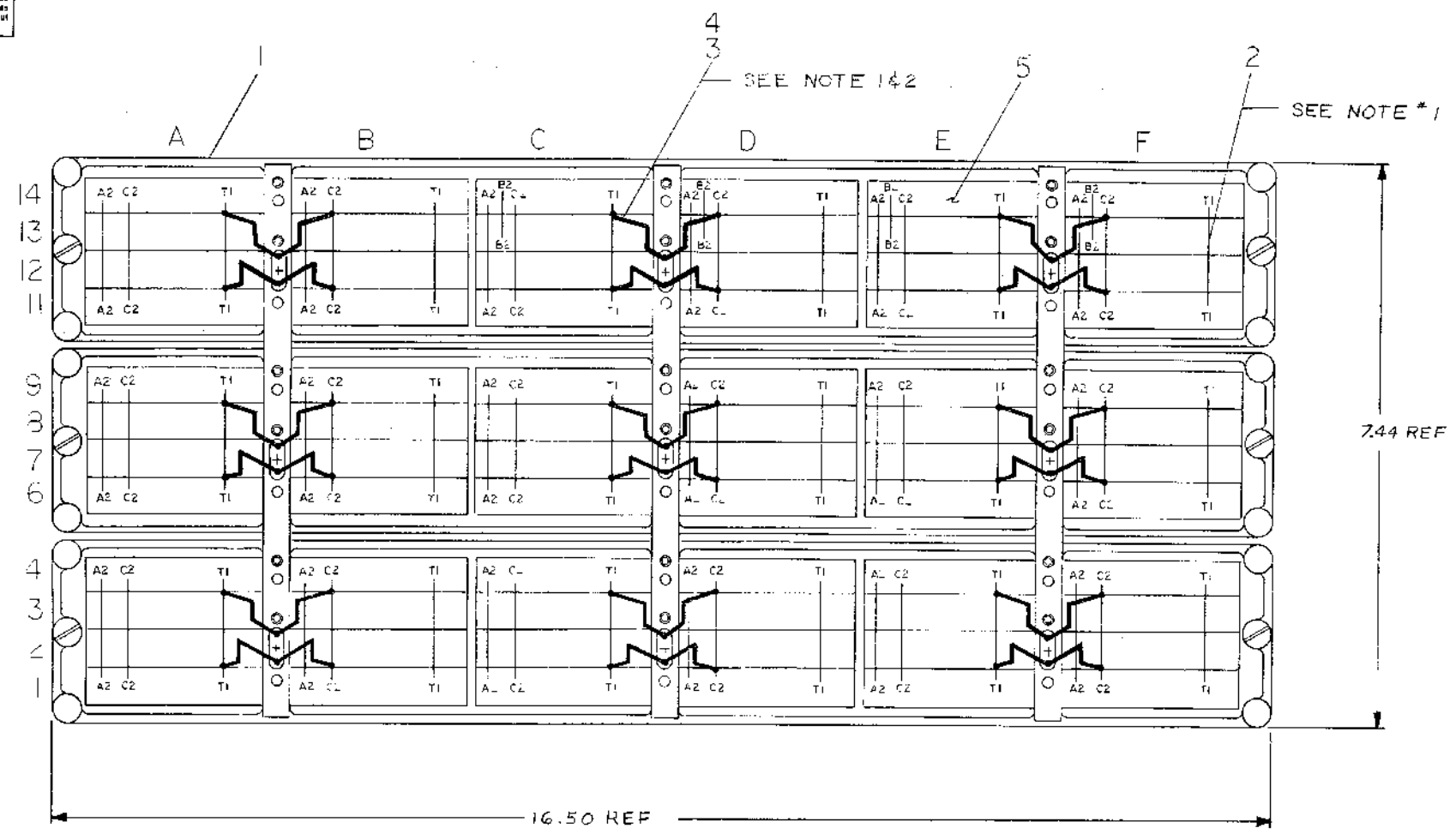
REV.	CHG. NO.	DATE	BY
A	00002	5-17-70	O'LOUGHLIN
			5/20/70

FIRST USED ON OPTION/MODEL PDP-11		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS = .005 FRACTIONS = 1/64 ANGLES = 0°30' FINAL SURFACE QUALITY REMOVE RIBS AND SPEAK CHAIRS CORNERS		ORN. E. MARCOTTE	DATE 10-19-69	PARTS LIST <b>digital</b> EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D ENG. PROJ. ENG. DATE		DATE 3/11/70 3-19-70 3-19-70	TITLE DRAWING INDEX (KA11)		
A-ML-KA11-0		SIZE/CODE C D I I K A 1 1 - 0 - 1	NUMBER	REV. A	

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0-0-7006537-0-0

- NOTES:**
1. CONNECTIONS ON ITEMS 2 & 3 TO BE SOLDERED AND LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
  2. CONNECTOR BLOCKS TO BE GROUNDED TO GROUND LUG AS SHOWN.
  3. ALL VERTICAL HAND WIRING TO RUN OUTSIDE OF CONNECTOR BLOCKS.



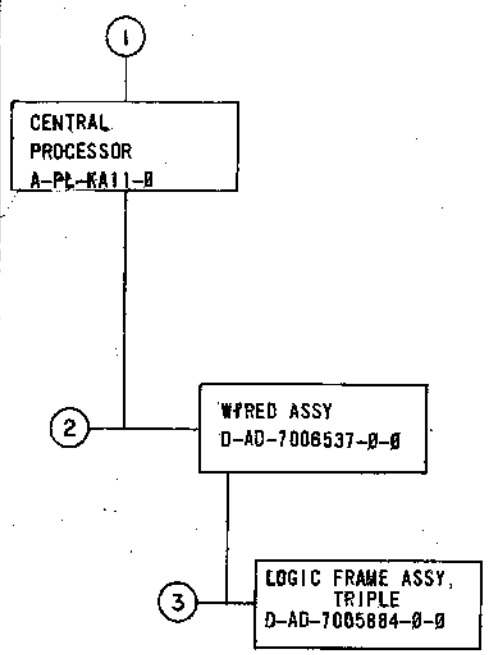
REV	CHG	NO.	DATE	BY
A	1	00002	5/13/70	...

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
FIRST USED ON OPTION/MODEL KAI1		DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .001 ± .004 ± 0°30' FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS MATERIAL + + + FINISH / - - - - - /	
DATE	DATE	DATE	DATE
10-3-69	10/23/69	3-17-70	3-17-70
DRN	CHK'D	ENG.	PROJ. ENGR.
...	...	...	...
TITLE WIRED ASSY (KAI1)		digital EQUIPMENT CORPORATION WATYARD, MASSACHUSETTS SIZE CODE D AD 7006537-0-0 NUMBER REV. A	
SCALE 1/1		SHEET 1 OF 2	

SIZE CODE  
 D AD 7006537-0-0  
 NUMBER  
 BY A

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D  
C  
B  
A



MECHANICAL				USAGE		ELECTRICAL				USAGE	
FIND NO	DESCRIPTION	PART NO.	PROD	CUST	FC	FIND NO	DESCRIPTION	PART NO.	PROD	CUST	FC
1.	CENTRAL PROCESSOR MODULE UTILIZATION	A-PL-KA11-B-B A-PL-KA11-B-MU				1.	CENTRAL PROCESSOR TIMING & STATES M728 STATE CNTL M727 PRIORITY M824 REGISTER CNTL M821 REGISTER M225 DATA PATH CNTL M828 DATA PATH 1 M224 DATA PATH 2 M224 BUS INTERFACE & IR M725 IR DECODE M728 CODES DATA M823 FLAG CNTL M822 BUS & CONSOLE CNTL M724 KAI1 BUS & POWER CONNECTIONS PWR FAIL & CNTL M825 MODULE UTILIZATION	A-ML-KA11-B D-CS-M728-B-1 D-CS-M727-B-1 D-CS-M824-B-1 D-CS-M821-B-1 D-BS-KA11-B-REG D-CS-M828-B-1 D-BS-KA11-B-DP1 D-BS-KA11-B-DP2 D-CS-M725-B-1 D-CS-M728-B-1 D-CS-M823-B-1 D-CS-M822-B-1 D-CS-M724-B-T D-FC-KA11-B-BP D-CS-M825-B-1 D-WU-KA11-B-WU			
2.	WIRED ASSY WIRED ASSY (PL) LOGIC SERIAL #DECAL	C-AD-7006537-0-0 A-PL-7006537-0-0 A-SS-7407846-0-0					BLOCK DIAG. CUT ACROSS 1 BIT INSTRUCTION FLOW DIAGRAM BUS FLOW WAVE FORMS KAI1 BLOCK DIAGRAM	D-BD-KA11-B-DBCA D-FD-KA11-B-IFD D-FD-KA11-B-BF D-TD-KA11-B-WF D-BD-KA11-B-BD			
3.	LOGIC FRAME ASSY, TRIPLE LOGIC FRAME ASSY, TRIPLE STRAP, TRIPLE FRAME CONN BLOCK MTG FRAME	D-AD-7005884-0-0 A-PL-7005884-0-0 C-MD-7407513-0-0 D-IA-7407507-0-0				2.	WIRED ASSY WIRE LIST	C-AD-7006537-0-0 K-WL-KA11-B-WL			

D  
C  
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A

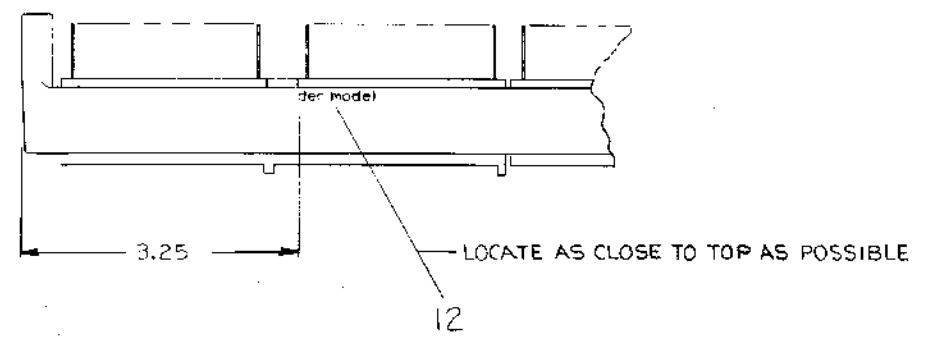
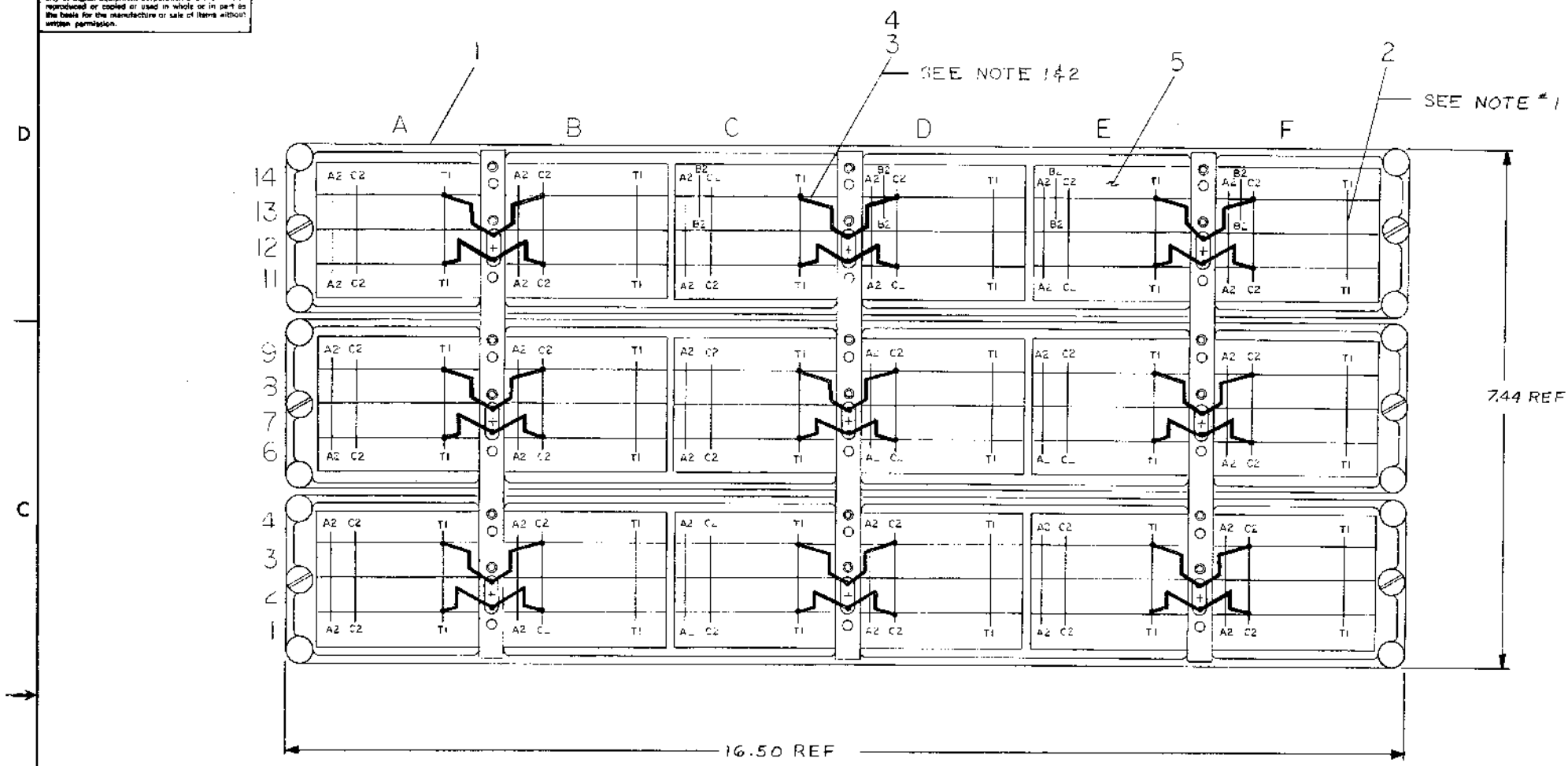
REV. A	DATE 5/20/70	BY [Signature]
REV. [Signature]	DATE 5/20/70	BY [Signature]
CHK [Signature]	DATE 5/20/70	BY [Signature]

FIRST USED ON OPTION/MODEL PDP-11	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN. F. MARCOTTE	DATE 10-19-69	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED	CHK'D [Signature]	DATE 3/11/70	TITLE	
DIMENSION IN INCHES	ENG. [Signature]	DATE 3-19-70	DRAWING INDEX	
TOLERANCES	PROJ. ENGR. [Signature]	DATE 3-19-70	(KAI1)	
DECIMALS ± .005	DATE 3-19-70	DATE 3-19-70	REV. A	
FRACTIONS ± 1/64	DATE 3-19-70	DATE 3-19-70	SIZE CODE: C D I K A 1 1 - 0 - 1	
ANGLES ± 0°30'	DATE 3-19-70	DATE 3-19-70	NUMBER: KAI1-0-1	
FINAL SURFACE QUALITY	DATE 3-19-70	DATE 3-19-70	REV. A	
REMOVE BURRS AND SOFTEN CHAMFER CORNERS	DATE 3-19-70	DATE 3-19-70	REV. A	

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REV. A  
 0-0-7006537-0-0  
 NUMBER  
 2

NOTES:  
 1. CONNECTIONS ON ITEMS 2 & 3 TO BE SOLDERED AND LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.  
 2. CONNECTOR BLOCKS TO BE GROUNDED TO GROUND LUG AS SHOWN.  
 3. ALL VERTICAL HAND WIRING TO RUN OUTSIDE OF CONNECTOR BLOCKS.



REV.	CHG. NO.	DATE	BY
A	K11-0002	10-3-67	OTCUSHLIN
B			
C			
D			
E			
F			

FIRST USED ON OPTION/MODEL K11	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .008 ± .156 ± 0°30' FINAL SURFACE QUALITY REMOVE BURS AND BREAK SHARP CORNERS
MATERIAL + + +	FINISH / - - - - /

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PARTS LIST		
	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
	TITLE WIRED ASSY (K11)		
	NEXT HIGHER ASSY A-ML-K11-0		
	SCALE 1/1	SIZE CODE D1AD	NUMBER 7006537-0-0
	SHEET 1 OF 2	DIST.	REV. A

REV. A  
 NUMBER  
 2  
 D1AD7006537-0-0

# MASTER DRAWING LIST

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DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE
A-PL-KA11-0-0		1	CENTRAL PROCESSOR
C-DI-KA11-0-1	A	1	DRAWING INDEX
D-AD-7006537-0-0	A	2	WIRED ASSY
A-PL-7006537-0-0	A	1	WIRED ASSY
D-BD-KA11-0-BD		1	KA11 BLOCK DIAGRAM
D-FD-KA11-0-IFD		1	INSTRUCTION FLOW DIAGRAM
D-FD-KA11-0-BF		1	BUS FLOW
D-TD-KA11-0-WF		1	WAVEFORMS
D-CS-M728-0-1	C	4	TIMING & STATES M728 K1
D-CS-M727-0-1	E	3	STATE CNTL M727 K2
D-CS-M824-0-1	C	3	PRIORITY M824 K3
D-CS-M821-0-1	B	3	REGISTER CNTL M821 K4
D-BS-KA11-0-REG	A	2	REGISTER M225 K5
D-CS-M820-0-1	B	5	DATA PATH CNTL M820 K6
D-BS-KA11-0-DP1	A	2	DATA PATHS 1 M224 K7
D-BS-KA11-0-DP2	A	2	DATA PATHS 2 M224 K8
D-CS-M725-0-1	B	5	BUS INTERFACE & IR M725 K9
D-CS-M726-0-1	A	4	IR DECODE M726 K10
D-CS-M823-0-1		2	CODES DATA M823 K11
D-CS-M822-0-1	B	3	FLAG CNTL M822 K12
D-CS-M724-0-1	C	4	BUS & CONSOLE CNTL M724 K13
D-IC-KA11-0-BP	A	1	KA11 BUS & POWER CONNECTIONS K14
D-CS-M825-0-1	B	2	PWR FAIL & CNTL M825 K15
A-ML-KY11-A	REF	1	KA11 CONSOLE

REVISIONS				DRN. AL.	DATE	<b>digital</b> EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small>
REV.	DATE	CHG. NO.	APP'D.	CHK'D.	DATE	
A	4/70	00001	J.O'L	A. PFYFFER	3/9/70	TITLE CENTRAL PROCESSOR
B	4/70	00002	J.O'L	A. PFYFFER	3/9/70	
C	5/70	00003	J.O'L	ENG.	3-19-70	
D	5/70	00005	J.O'L	PROJ. ENR.	3-19-70	
E	8/70	00006	J.L.	PROJ. ENR.	3-19-70	
F	8/70	00007	J.L.	PROJ. ENR.	3-19-70	
FIRST USED ON				PDP 11		SIZE CODE
SCALE				A ML		NUMBER
SHEET 1 OF 2				DIST.		REV.
						F

WIRE TABLE

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ITEM NO.	SIGNAL NAME	FROM PIN	TO PIN	COLOR	REMARKS	ITEM NO.	SIGNAL NAME	FROM PIN	TO PIN	COLOR	REMARKS	
6	GND	A03D2	A13E2	BLACK			11	-15V	C13B2	D13B2	BLUE ↓ BLUE	WIRES MUST RUN PHYSICALLY TO RIGHT OF THE THIRD BLOCKS AND PINS
		A03C2	A03D2						E13B2	F13B2		
		A03E2	A03F2						D13B2	E13B2		
		A03N1	A03P1						C13B2	A13L1		
		A03R1	A03S1									
		A03P1	A03R1									
		A03U1	A03V1									
		A03S1	A03U1									
		A03F2	A03N1									
		A00D2	A00E2									
		A00C2	A00D2									
A00E2	A00F2											
A00N1	A00P1											
A00R1	A00S1											
A00P1	A00R1											
A00U1	A00V1											
A00S1	A00U1											
A00F2	A00N1											
A13D2	A13E2											
A13C2	A13D2											
A13E2	A13F2											
A13N1	A13P1											
A13R1	A13S1											
A13P1	A13R1											
A13U1	A13V1											
A13S1	A13U1											
A13F2	A13N1											
7	+5V	A03A2	B02A2	RED			8	+8V	A03T2	A01K2	ORANGE ORANGE ORANGE	
		B01A2	C01A2						A03U2	A03V2		
		A03H2	D01A2									
		A03J2	E01A2									
		A03K2	F01A2									
		B04A2	C04A2									
		A03L2	D04A2									
		A03M2	E04A2									
		F04A2	F04A2									
		A00A2	B07A2									
		B06A2	C06A2									
A00H2	D06A2											
A00J2	E06A2											
E02A2	F02A2											
A00K2	B08A2											
B09A2	C09A2											
A00L2	D09A2											
A00M2	E09A2											
F09A2	F09A2											
A13A2	B12A2											
B11A2	C11A2											
A13H2	D11A2											
A13J2	E11A2											
E11A2	F11A2											
A13K2	B13A2											
B14A2	C14A2											
A13L2	D14A2											
A13M2	E14A2											
E14A2	F14A2											
B03A2	B11A2											
C03A2	C11A2											
D03A2	D11A2											
E03A2	E11A2											
F03A2	F11A2											
B08A2	B11A2											
C08A2	C11A2											
D08A2	D11A2											
E08A2	E11A2											
F08A2	F11A2											

FIRST USED ON OPTION/MODEL  
K11

DO NOT SCALE DRAWING  
UNLESS OTHERWISE SPECIFIED  
DIMENSION IN INCHES  
TOLERANCES  
DECIMALS FRACTIONS ANGLES  
± 1/64 ± 0.90  
FAC QUALITY  
RFS AND BREAK SHARP  
CORNERS

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRW	DATE	digital EQUIPMENT CORPORATION	
CHK'D	DATE	TITLE	
ENG	DATE	WIRED ASSY (K11)	
PROL ENG	DATE	SIZE CODE NUMBER	
PRD	DATE	D1AD 7006537-0-0	
NEXT HIGHER ASSY		REV. A	
A-ML-K11-0		SCALE NONE	
FINISH		SHEET 2 OF 2	

REVISIONS  
CHANGE NO.  
REV.  
CHK

DET FORM NO 8  
PRD 100

D1AD 7006537-0-0

**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS  
**PARTS LIST**

QUANTITY / VARIATION

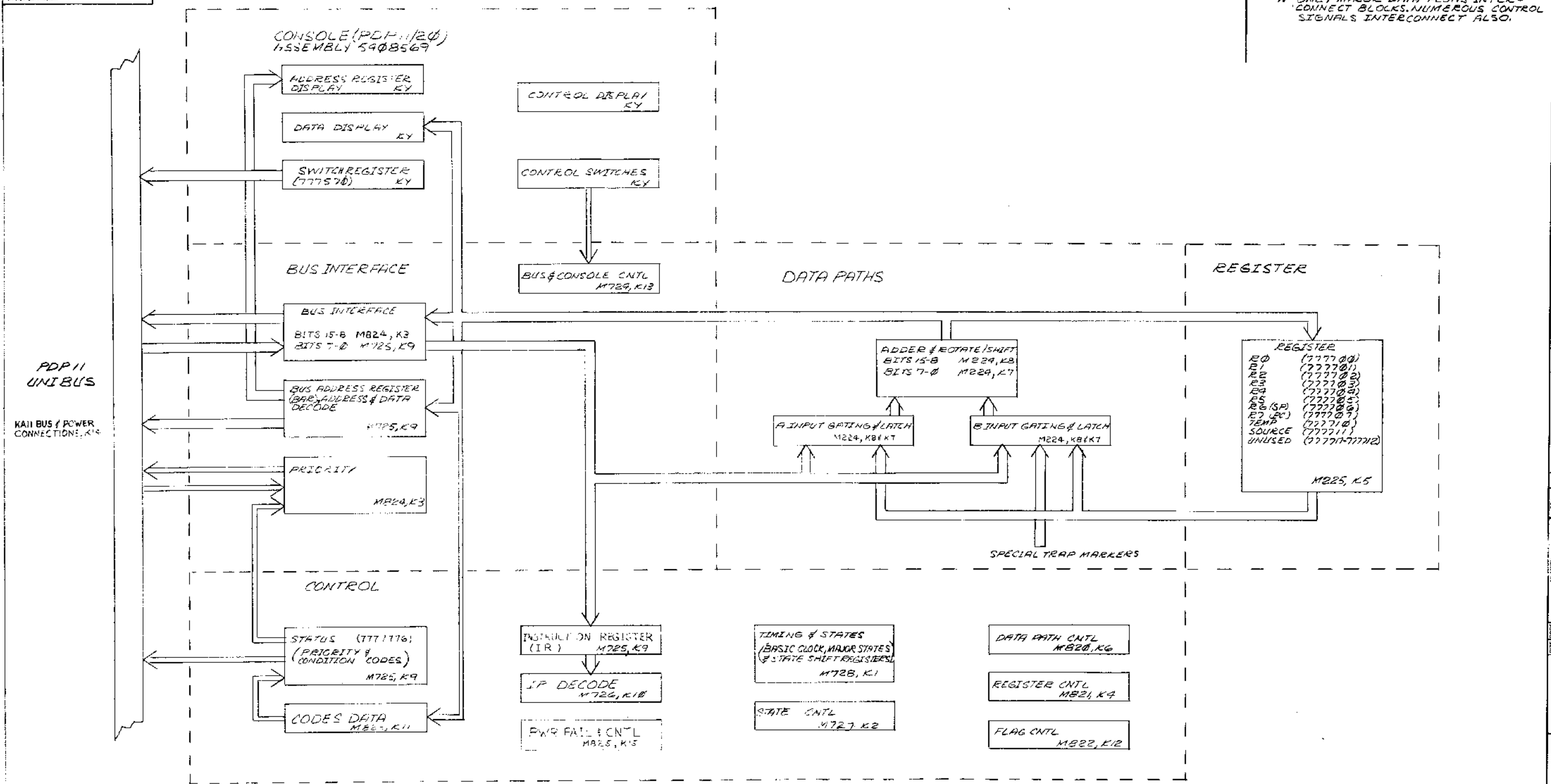
MADE BY P. MARCOTTE	CHECKED K. RUSS	SECTION
DATE 10/6/69	DATE 10/10/69	1
ENG J. J. Loughlin	PROD <i>Thick Weld</i>	ISSUED SECT.
DATE 3-17-70	DATE 3/19/70	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY	VARIATION
1	D-AD-7005884-0-0	LOGIC FRAME ASSY TRIPLE	1	
2	1205541	BUS STRIP	A/R	
3	9107560-01	#22 AWG BUS WIRE	A/R	
4	9107265-09	#22 TUBING TEFLON, WHITE	A/R	
5	9105740-44	#30 AWG SOLID KYNAR INS WIRE, YEL	A/R	
6	9107470-00	#24 AWG SOLID KYNAR INS WIRE, BLK	A/R	
7	9107470-22	#24 AWG SOLID KYNAR INS WIRE, RED	A/R	
8	9107470-33	#24 AWG SOLID KYNAR INS WIRE, ORN	A/R	
9	9107470-55	#24 AWG SOLID KYNAR INS WIRE, GRN	A/R	
10	9107470-44	#24 AWG SOLID KYNAR INS WIRE, YEL	A/R	
11	9107470-66	#24 AWG SOLID KYNAR INS WIRE, BLUE	A/R	
12	A-SS-7407846-0-0	LOGIC SERIAL # DECAL	1	
REF	K-WL-KA11-Ø-WL	WIRE LIST	1	

TITLE	ASSY NO.	SIZE CODE	NUMBER	REV.	ECO NO.
WIRED ASSY (KA11)	D-AD-700653700-0	A PL	7006537-0-0	A	KA11-00002
	SHEET 1 OF 1	DIST.			

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NOTES:  
1. DAILY MAJOR DATA FLOWS INTERCONNECT BLOCKS. NUMEROUS CONTROL SIGNALS INTERCONNECT ALSO.



REV.	CHANGE NO.

FIRST USED ON OPTION/MODEL PDP 11	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
DO NOT SCALE DRAWING	GRN: <i>[Signature]</i>	DATE: 2-22-68	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES	CHKD: <i>[Signature]</i>	DATE: 2/19/68	TITLE	
TOLERANCES	ENG: <i>[Signature]</i>	DATE: 3-10-70	KAI I BLOCK DIAGRAM	
DIMINALS ± .005	PRG: <i>[Signature]</i>	DATE: 3-10-70	MATERIAL	
FRACTIIONS ± 1/64	DRG: <i>[Signature]</i>	DATE: 3-10-70	NEXT HIGHER ASST	
ANGLES ± 0'30"	FIN: <i>[Signature]</i>	DATE: 3-10-70	A-ML-KAI-I-0	
FINAL SURFACE QUALITY	FINISH		SCALE NONE	
REMOVE BURRS AND BREAK SHARP CORNERS			SHEET 1 OF 1	
			SIZE CODE: D180	NUMBER: KAI-I-0-BD
			DIST.	REV.