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PARTS REFERENCE

ITEM NO.	DRAWING REFERENCE	DESCRIPTION	PART NUMBER	QUANTITY
1	407, 418, 419, 425, 431, 437, 443, 449	DEC 8881	IC 1909705	9
2	424, 431, 434, 435, 436, 438, 439, 441, 444	DEC 7474N	IC 1905547	21
3	445, 451, 452			
4	431, 437, 443, 449	DEC 8815A	IC 1909713	4
5	431, 437, 443, 449	DEC 7410N	IC 1905576	2
6	431, 437, 443, 449	DEC 7400N	IC 1905575	3
7	418, 425	DEC 7430N	IC 1905578	2
8	418, 425	DEC 7420N	IC 1905577	2
9	418, 425, 448	DEC 7450N	IC 1905580	3
10	431, 437, 443, 449	DEC 7440N	IC 1905579	2
11	431, 437, 443, 449	DEC 380	IC 1909485	3
12	418, 425, 448	DEC 7402N	IC 1909004	1
13	418, 425, 448	30 MFD 100V 20%	CAP 1001510	52
	418, 425, 448	68 MFD 35V 20%	CAP 1000067	4

NOTES:

- PIN NOTATION THROUGHOUT IS ORDERED UPON MODULE PLACEMENT IN THE KAI1 PROCESSOR. MODULE REFERENCE ALONE IS OBTAINED BY DELETING THE NUMBER (SLOT LOCATION) AFTER THE FIRST LETTER, AND CONVERTING THE FIRST LETTER ACCORDING TO THE PIN NOMENCLATURE CHART AT RIGHT.
- ALL SIGNALS THAT HAVE MODULE PINS ARE SO NOTED; MULTIPLE NOTATIONS OF THE SAME SIGNALS WITHIN A MODULE HAVE THE PIN NOTED ON EACH. AN INPUT SIGNAL IS NOTED ONLY ONCE PER SHEET UNLESS SEPARATE PINS ARE USED; MULTIPLE INPUTS ARE CONNECTED. MODULE OUTPUT SIGNALS ARE BROUGHT TO THE EXTREME RIGHT OF EACH SHEET.
- PROCESSOR SIGNAL SOURCE NOTATION (K10-2, FOR EXAMPLE) IDENTIFIES THE SIGNAL SOURCE (PRINT AND MODULE). THE FIRST NUMBER AFTER THE K INDICATES THE MODULE PRINT SET, WHILE THE SECOND INDICATES THE SHEET WITHIN THE SET. IF ON A PRINT, THE FIRST NUMBER OF THE K PREFIXES COINCIDE FOR A SIGNAL NAME AND THE PRINT (SEE TITLE BLOCK), THE SIGNAL IS GENERATED ON THE MODULE. A DIFFERENCE IN THE FIRST NUMBER OF THE K PREFIXES INDICATES A SIGNAL GENERATED OFF THE MODULE. SIGNALS WITH A "BUS" PREFIX REPRESENT A "WIRED OR" SITUATION, AND MULTIPLE SOURCES FOR THE SIGNAL CAN EXIST.
- DETAILS ON COMPONENTS ARE NOTED IN THE PARTS REFERENCE. PLACEMENT IS NOTED IN THE COMPONENT PLACEMENT DIAGRAM.
- GND AND +5V ARE USUALLY PIN 7 AND PIN 14, RESPECTIVELY. EXCEPTIONS ARE:

IC TYPE	GND	+5V
DEC 7481	PIN 10	PIN 4
DEC 7482	PIN 11	PIN 4
8251	PIN 8	PIN 16
DEC 8271	PIN 8	PIN 16
DEC 380	PIN 1	PIN 8
DEC 384	PIN 1	PIN 8

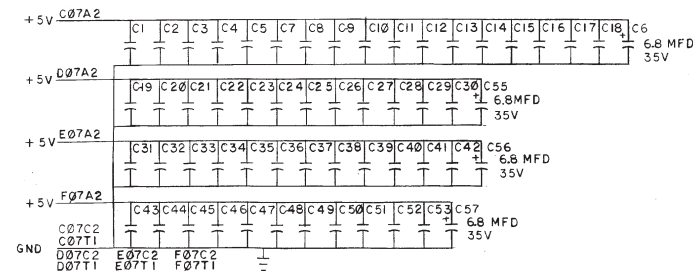
- UNLESS OTHERWISE NOTED: RESISTANCE IS IN OHMS; CAPACITANCE IS IN PICO FARADS. CAPACITORS WITHOUT ANY NOTED VALUES ARE .01 MFD.

COMPONENT PLACEMENT



PIN NOMENCLATURE

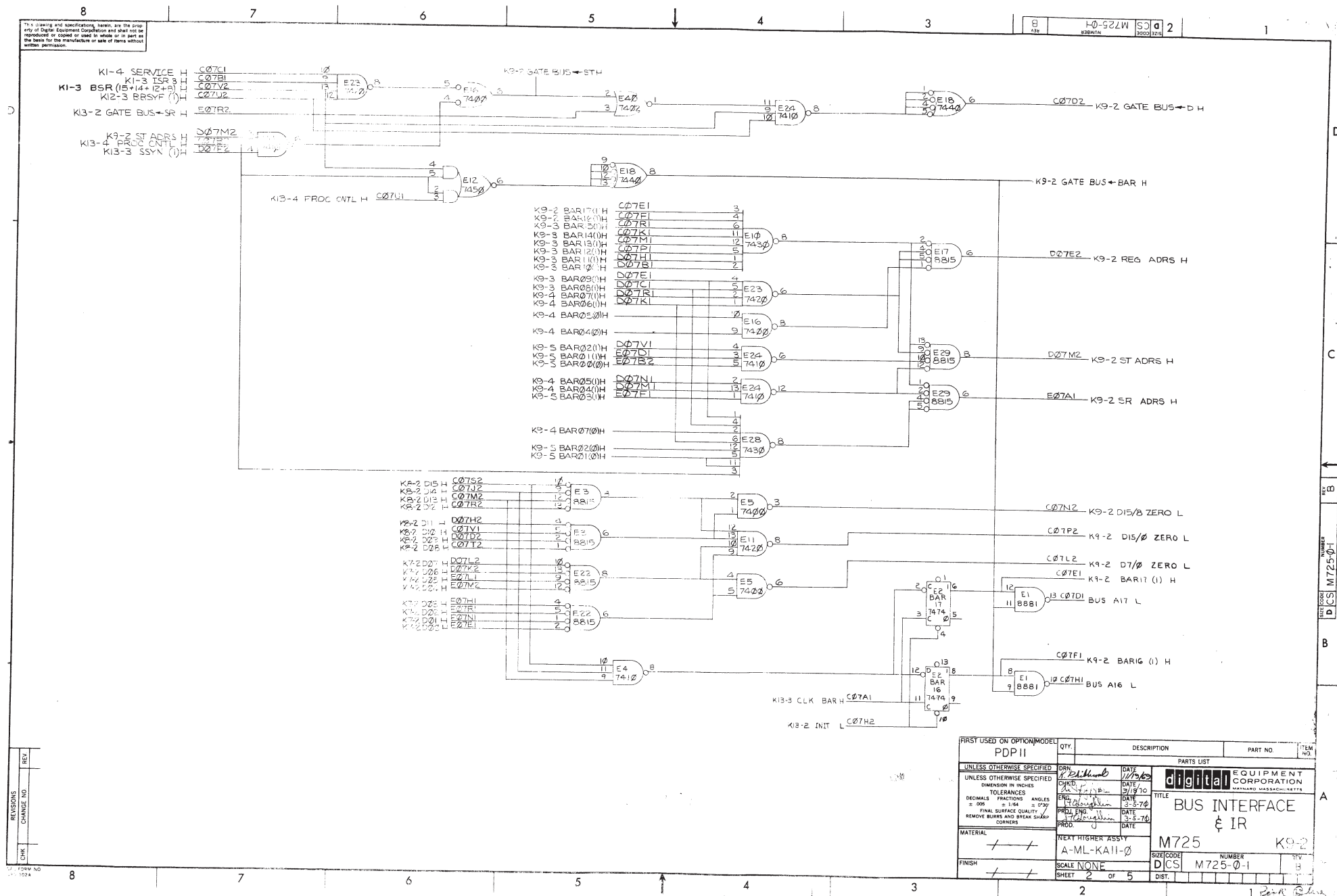
MODULE PROCESSOR

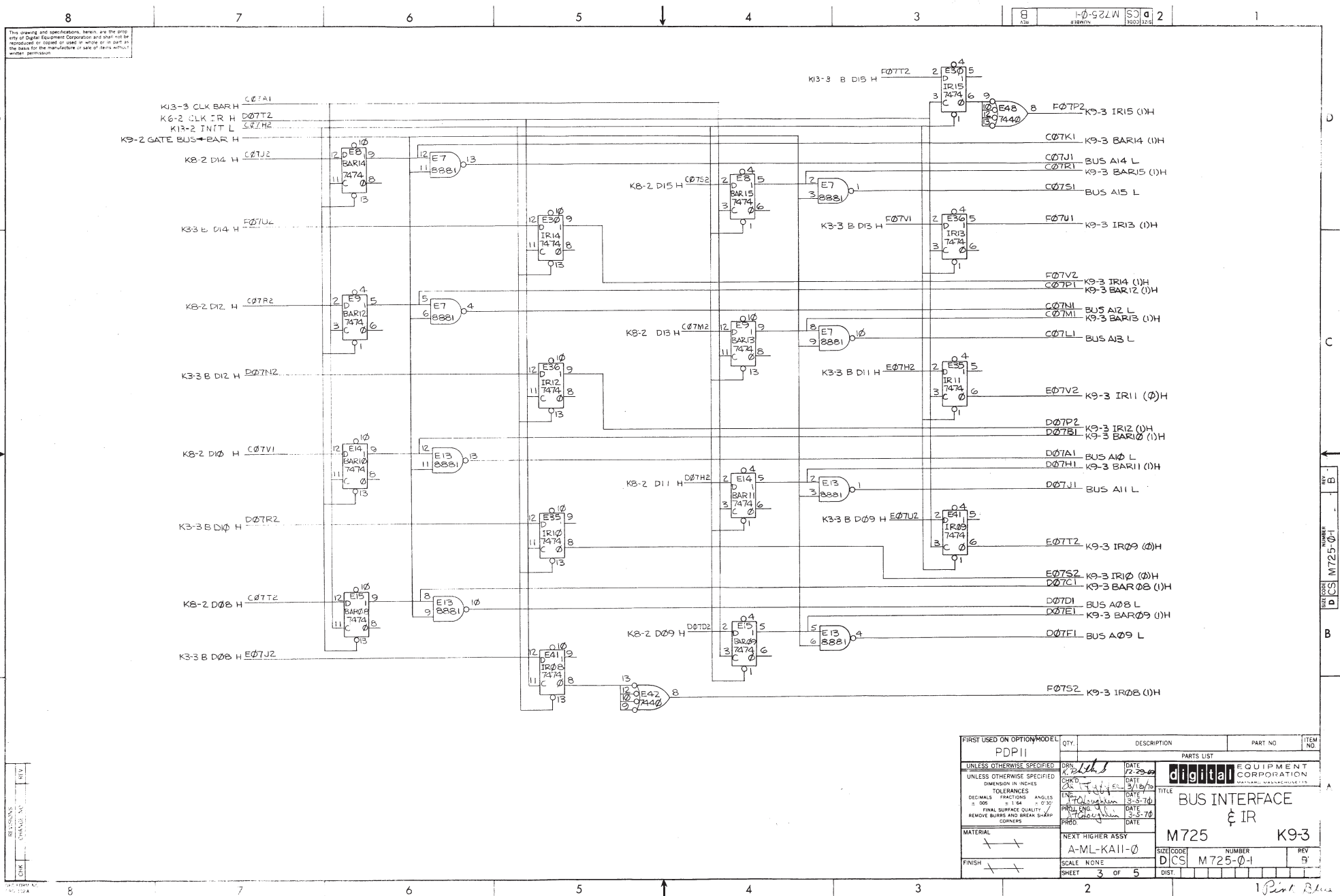


FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 11					
UNLESS OTHERWISE SPECIFIED		DATE 11/82			
UNLESS OTHERWISE SPECIFIED		DATE 11/82			
TOLERANCES		DATE 11/82			
DECIMALS FRACTIONS ANGLES		DATE 11/82			
± .001 ± .005 ± .010		DATE 11/82			
REMOVE BURRS AND BREAK SHARP CORNERS		DATE 11/82			
MATERIAL		DATE 11/82			
NEXT HIGHER ASSY		DATE 11/82			
A-M-L-KAI1-0		DATE 11/82			
SCALE		DATE 11/82			
SHEET		DATE 11/82			
OF 5		DATE 11/82			
ETCH REV B		DATE 11/82			
DIST		DATE 11/82			

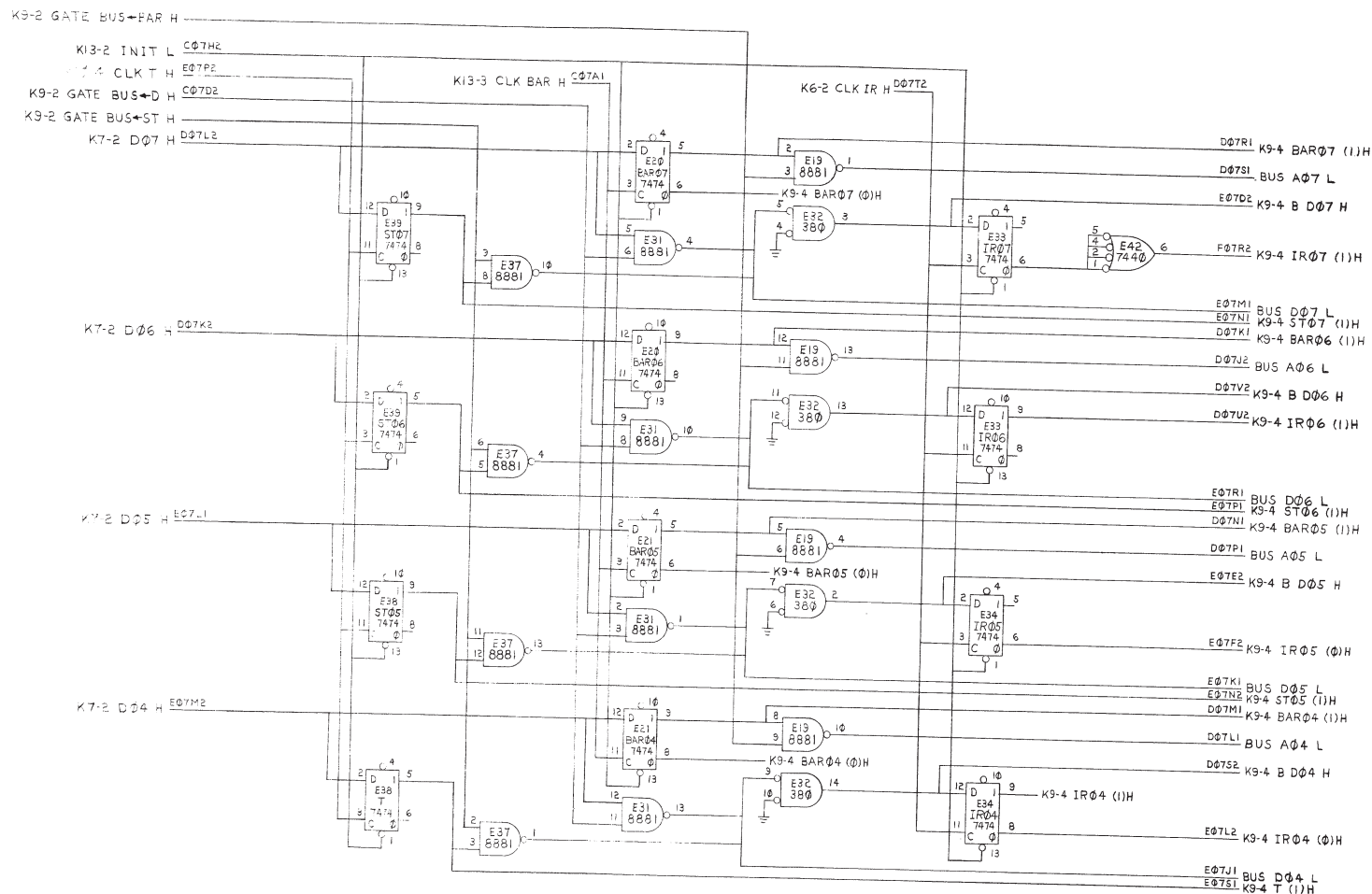
digital EQUIPMENT CORPORATION	
MAYNARD, MASSACHUSETTS	
TITLE	
BUS INTERFACE & IR	
M725 K9-1	
NUMBER	
DCS M725-0-1	
REV.	
B	

1 Pink Blue





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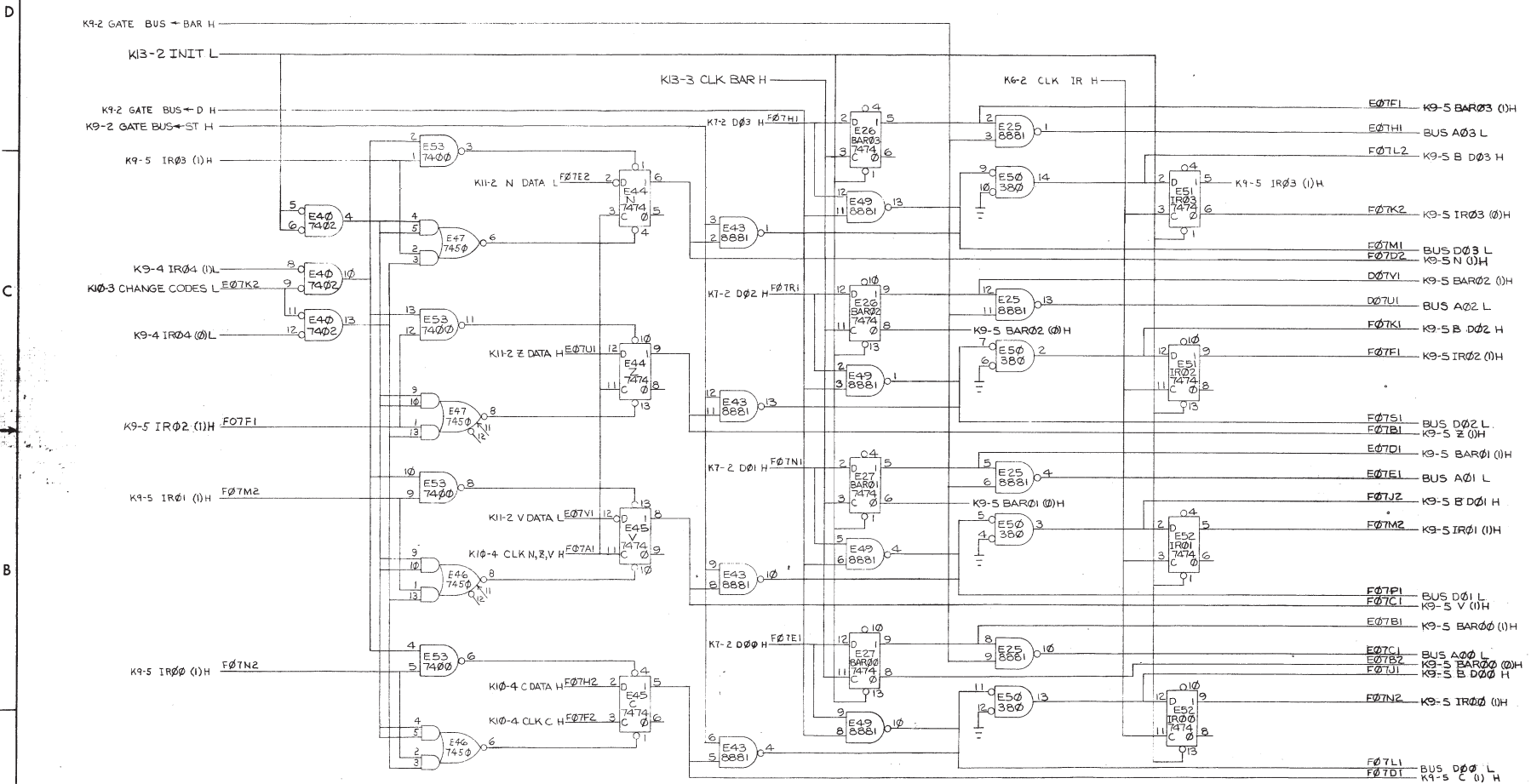
REV.	CHANGE NO.
1	1

DEL FORM NO 1024

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 11					
UNLESS OTHERWISE SPECIFIED		DATE	PARTS LIST		
UNLESS OTHERWISE SPECIFIED		DATE	digital EQUIPMENT CORPORATION		
DIMENSION IN INCHES		DATE	MAYNARD, MASSACHUSETTS		
TOLERANCES		DATE	TITLE		
DECIMALS FRACTIONS ANGLES		DATE	BUS INTERFACE & IR		
± .005 ± .001 ± .005		DATE	M725 K9-4		
FINAL SURFACE QUALITY		DATE	SIZE CODE NUMBER REV.		
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	DICS M725-0-1 B		
MATERIAL		DATE	SCALE NONE		
NEXT HIGHER ASSY		DATE	SHEET 4 OF 5		
FINISH		DATE	DIST.		

1 Part B

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REV.	CHG.	NO.
1	1	1

DEC FORM NO. 102-A

FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	REV.
PDP 11					
UNLESS OTHERWISE SPECIFIED		PARTS LIST			
UNLESS OTHERWISE SPECIFIED		digital EQUIPMENT CORPORATION			
DIMENSIONS IN INCHES		TITLE			
TOLERANCES		BUS INTERFACE & IR			
DECIMALS FRACTIONS ANGLES		M725 K9-5			
± .005 ± .010 ± .020		SIZE CODE NUMBER REV.			
FINAL SURFACE QUALITY		D/C S M725-0-1 .B1			
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE NONE			
NEXT HIGHER ASSY		SHEET 5 OF 5			
MATERIAL		DIST.			
FINISH					

10 Pin Bar