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PARTS REFERENCE

ITEM NO	DRAWING REFERENCE	DESCRIPTION	PART NUMBER	QUANTITY
1	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12	.01 MFD, 100V, 20%	CAP 1001610	12
2	C13	6.8 MFD, 35V, 20%	CAP 1000067	1
3	C14	680 PF, 100V, 5%	CAP 1000026	1
4	C15	2200 PF, 250V, 10%	CAP 1000055	1
5	C16	1.0 MFD, 35V, 10%	CAP 1001776	1
6	C17	3.9 MFD, 10V, 10%	CAP 1000064	1
7	C18	.47 MFD, 35V, 10%	CAP 1005965	1
8	D1, D2, D3, D4, D5	D664	DIODE 1100114	5
9	E1, E5	DEC 7402N	I.C. 1909004	2
10	E2, E7	DEC 7474N	I.C. 1905547	2
11	E3	DEC 7450N	I.C. 1905580	1
12	E4, E8, E12	DEC 9601N	I.C. 1909373	3
13	E6, E10	DEC 7400N	I.C. 1905573	2
14	E9	DEC 7410N	I.C. 1905576	1
15	E11	DEC 8881	I.C. 1909705	1
16	R1, R3	470 OHM 1/4W 5%	RES. 1300316	2
17	R2, R4	220 OHM 1/4W 5%	RES. 1300271	2
18	R5	20K OHM 1/4W 5%	RES. 1302391	1
19	R6	22K OHM 1/4W 5%	RES. 1301808	1
20	R7	10K OHM 1/4W 5%	RES. 1300479	1

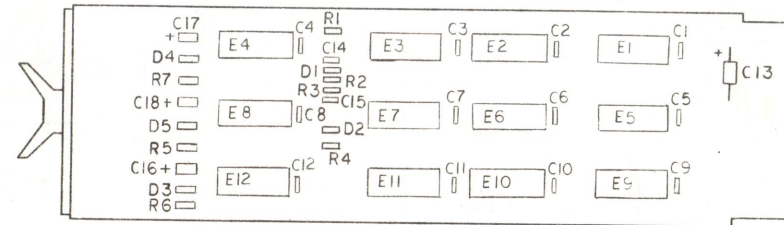
NOTES:

- PIN NOTATION THROUGHOUT IS ORDERED UPON MODULE PLACEMENT IN THE 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 SEPERATE PINS ARE USED; MULTIPLE INPUTS ARE CONNECTED. MODULE OUTPUT SIGNALS ARE BROUGHT TO THE EXTREME RIGHT OF EACH SHEET.
- PROCESSOR SIGNAL SOURCE NOTATION (KP-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:

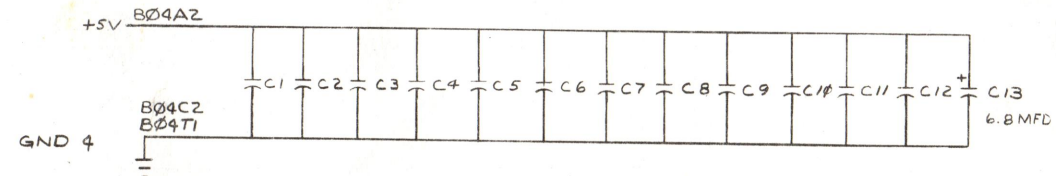
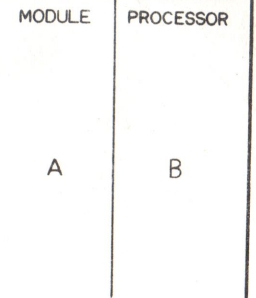
IC TYPE	GND	+5V
DEC 7481	PIN 10	PIN 4
DEC 7482	PIN 11	PIN 4
DEC 8251	PIN 8	PIN 16
DEC 8271	PIN 8	PIN 16
DEC 380	PIN 1	PIN 8
DEC 384	PIN 1	PIN 8

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

COMPONENT PLACEMENT



PIN NOMENCLATURE



*Alan B. Warren*

FIRST USED ON OPTION / MOD KCII	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRN. <i>By hand</i>	DATE 12-24-70		
UNLESS OTHERWISE SPECIFIED	CHK'D. <i>By hand</i>	DATE 1/16/71		
UNLESS OTHERWISE SPECIFIED	ENG. <i>By hand</i>	DATE 1-7-71	TITLE <b>PWR FAIL &amp; RESTART</b>	
UNLESS OTHERWISE SPECIFIED	PROJ. ENG. <i>By hand</i>	DATE 1-7-71		
UNLESS OTHERWISE SPECIFIED	PROD. <i>By hand</i>	DATE	SIZE CODE NUMBER <b>DCS M7217-0-1</b>	
UNLESS OTHERWISE SPECIFIED	FINISH	SCALE		
MATERIAL		NEXT HIGHER ASSY	REV. <b>C</b>	
FINISH		SHEET 1 OF 2		

5 PINK 1 MS

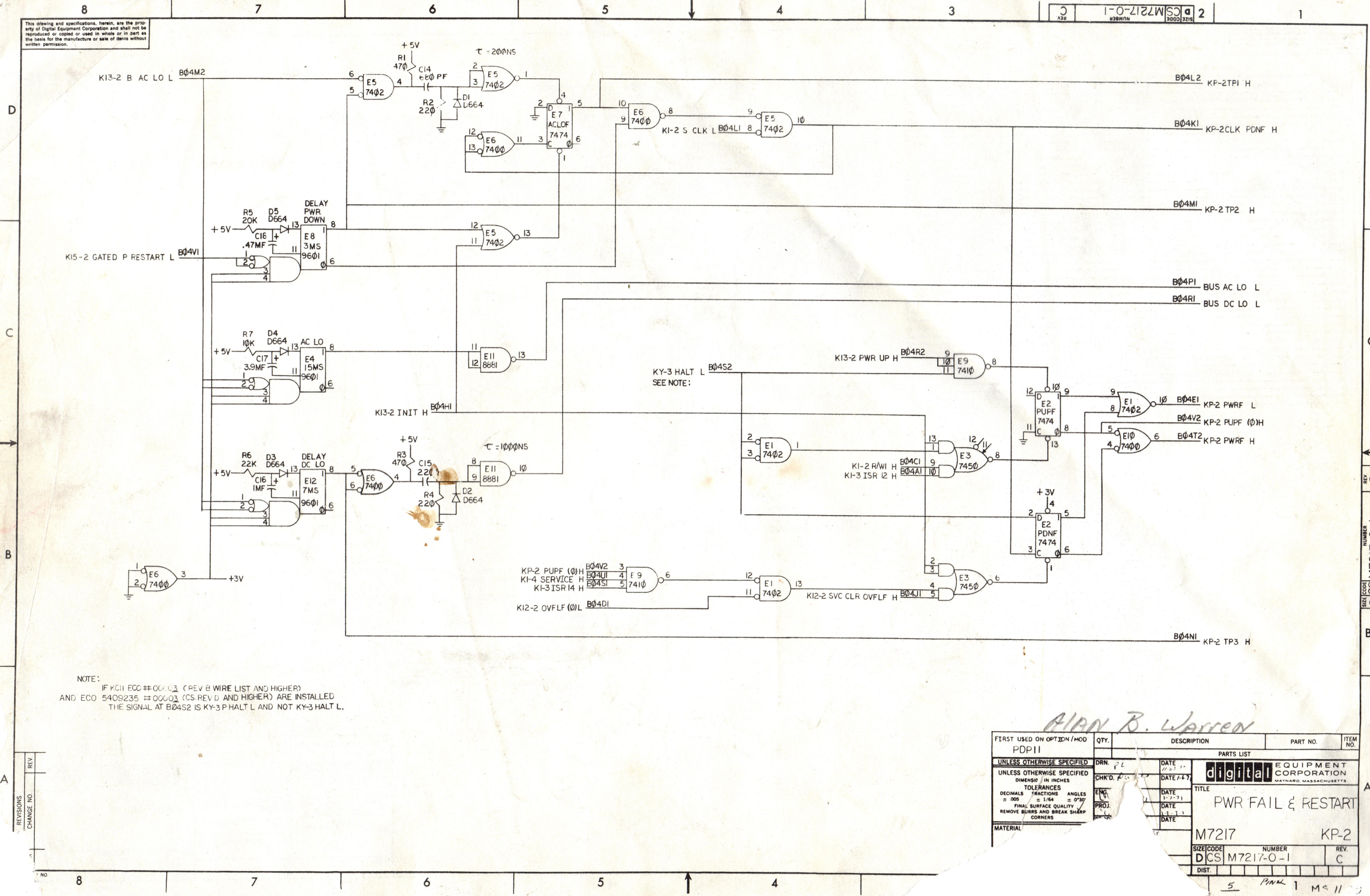
REVISIONS	CHANGE NO.	REV.
1	00001 - M7217	C
2	B1, 1-14-71	
3	B, WEEKS	

DEC FORM NO. DRD 102A

*Handwritten notes:*  
 45130  
 160457  
 1000  
 5.130



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NOTE:  
 IF KCI ECO #00003 (REV B WIRE LIST AND HIGHER)  
 AND ECO 5409235 #00003 (CS REV D AND HIGHER) ARE INSTALLED  
 THE SIGNAL AT B04S2 IS KY-3 P HALT L AND NOT KY-3 HALT L.

REV  
 CHANGE NO.

*ALAN B. Warren*

FIRST USED ON OPTION / MOD	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP11				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED				
DRN. PL	DATE 11-23-71	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
CHK'D. PL	DATE 1-4-72	TITLE		
ENG. PL	DATE 1-2-71	PWR FAIL & RESTART		
PROJ. PL	DATE 1-1-71	M7217 KP-2		
MATERIAL	DATE	SIZE CODE NUMBER REV. DCS M7217-0-1 C		
DIST.				

5 PWR 1 M 11 71