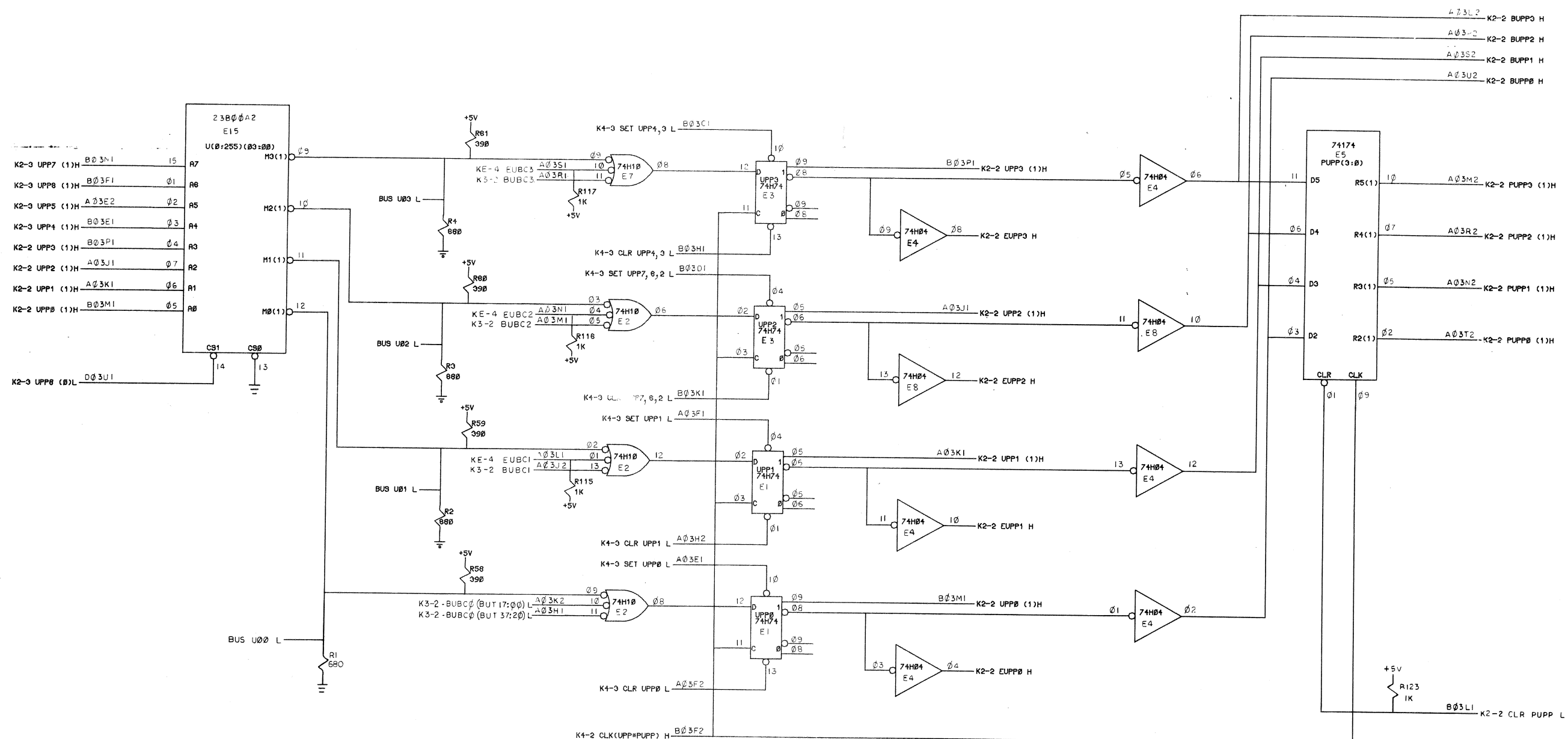


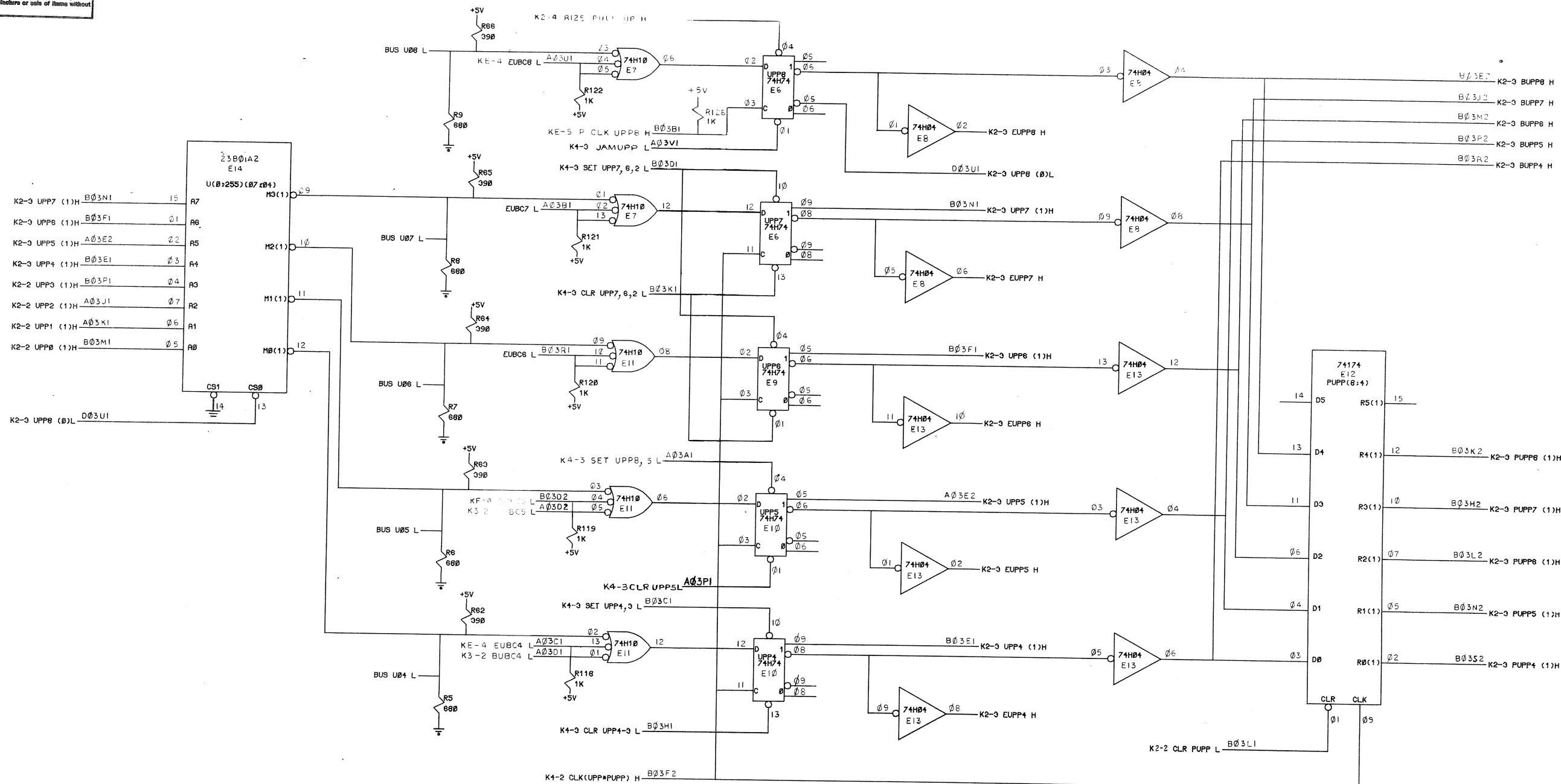
SEE PAGE	NUMBER	REV.
	M 7232-0-1	
DIS		

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.



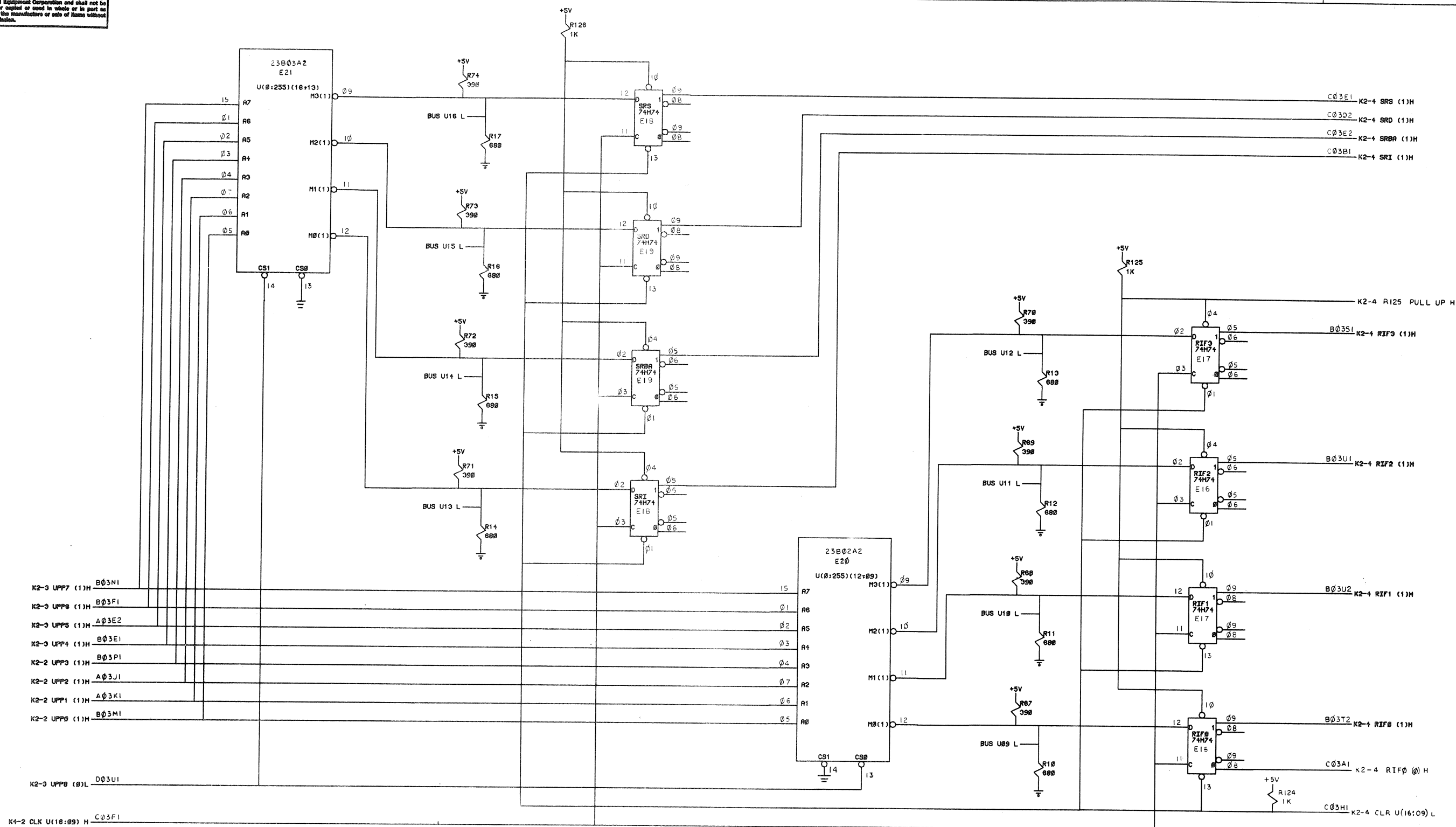
UNLESS OTHERWISE SPECIFIED		DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DIMENSION IN INCHES		CHKD	DATE	TITLE	
TOLERANCES		ENG	DATE	U WORD	
DECIMALS	FRACTIONS	PROJ. ENG.	DATE	U(B3:00) K2-2	
±.005	± 1/64	DATE	DATE	REV. F	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		PHOP.	DATE	SIZE CODE	
MATERIAL		FIRST USED ON		NUMBER	
FINISH		SCALE		M7292-B-1	
SHEET 2 OF 12		DIST.		REV. F	

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

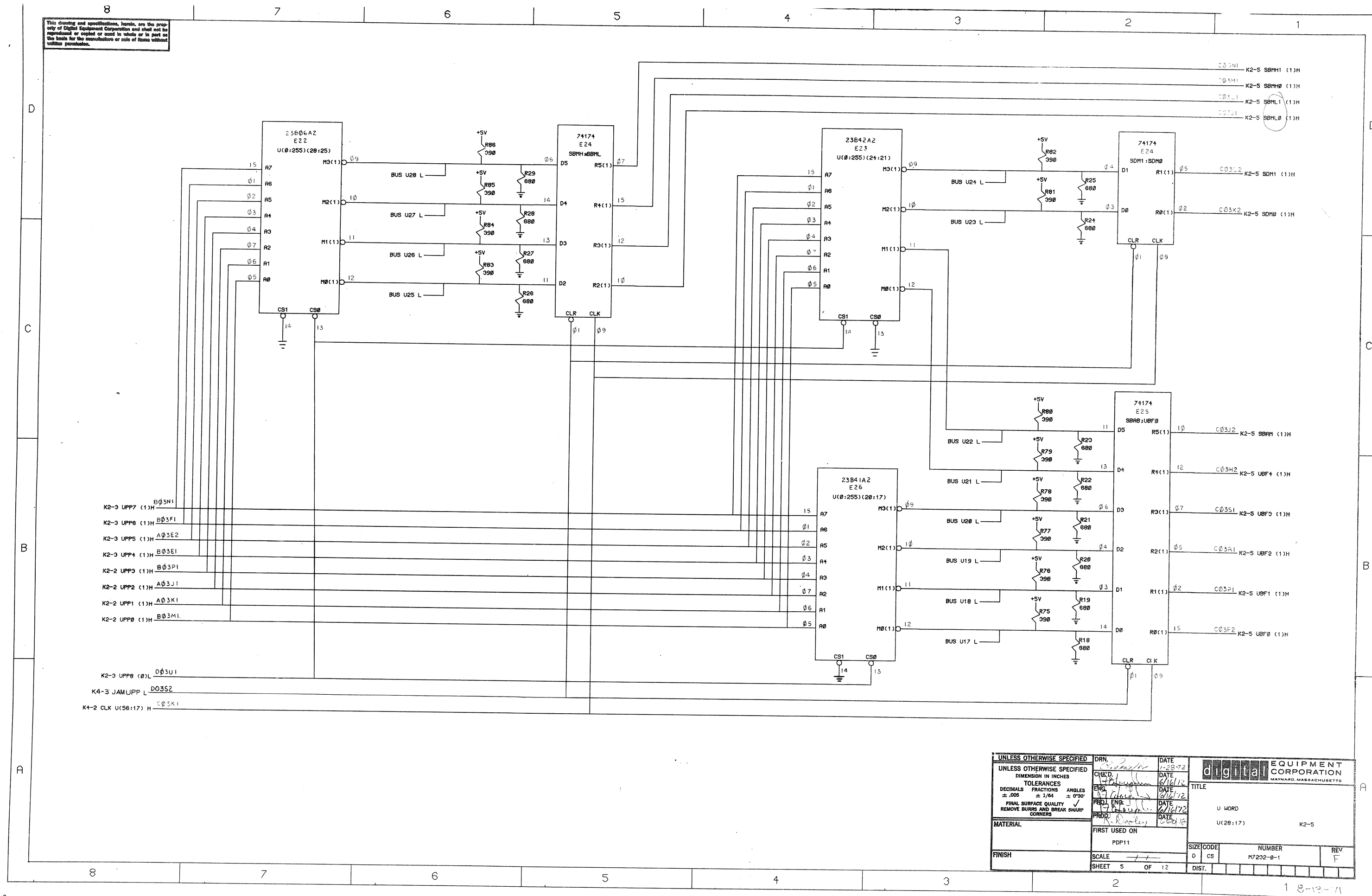


UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE	TITLE	
DIMENSION IN INCHES		ENG.	DATE	U WORD.	
TOLERANCES		PROV. ENG.	DATE	U(07:04) K2-3	
DECIMALS FRACTIONS ANGLES		PROD.	DATE	NUMBER	
±.005 ±.010 ±.030		FIRST USED ON		REV. F	
FINAL SURFACE QUALITY		PDP11		SIZE CODE	
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE		D CS	
MATERIAL		SHEET 3 OF 12		DIST.	
FINISH					

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

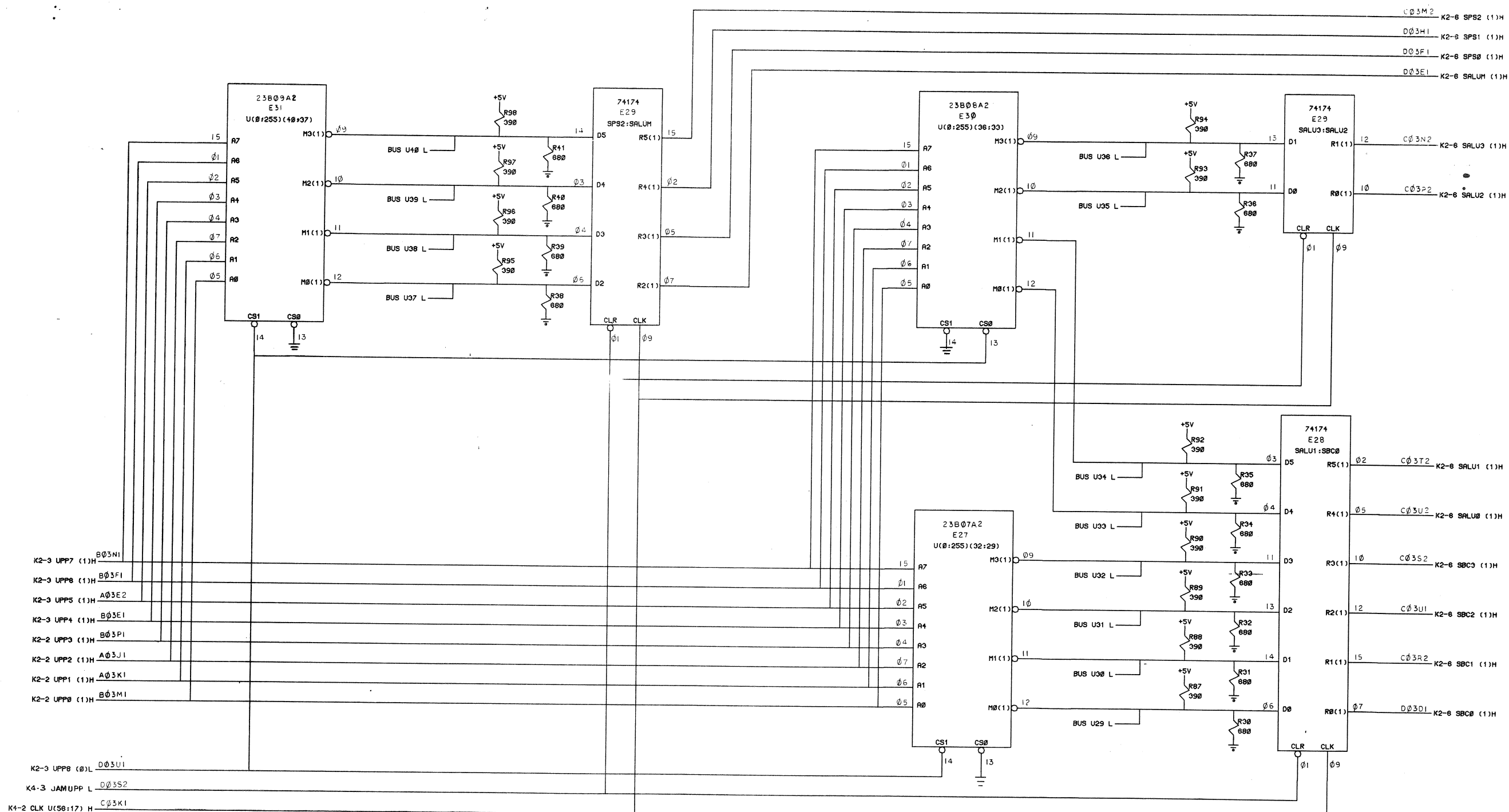


UNLESS OTHERWISE SPECIFIED		DATE	digital EQUIPMENT CORPORATION MAYFIELD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		DATE	TITLE	
DIMENSION IN INCHES		DATE	U WORD	
TOLERANCES		DATE	U(18:09) K2-4	
DECIMALS FRACTIONS ANGLES		DATE	SIZE CODE	
± .005 ± 1/64 ± 0°30'		DATE	D CS	
FINISH SURFACE QUALITY		DATE	NUMBER	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	REV.	
MATERIAL		DATE	F	
FIRST USED ON		DATE	SCALE	
PDP11		DATE	SHEET 4 OF 12	
FINISH		DATE	DIST.	



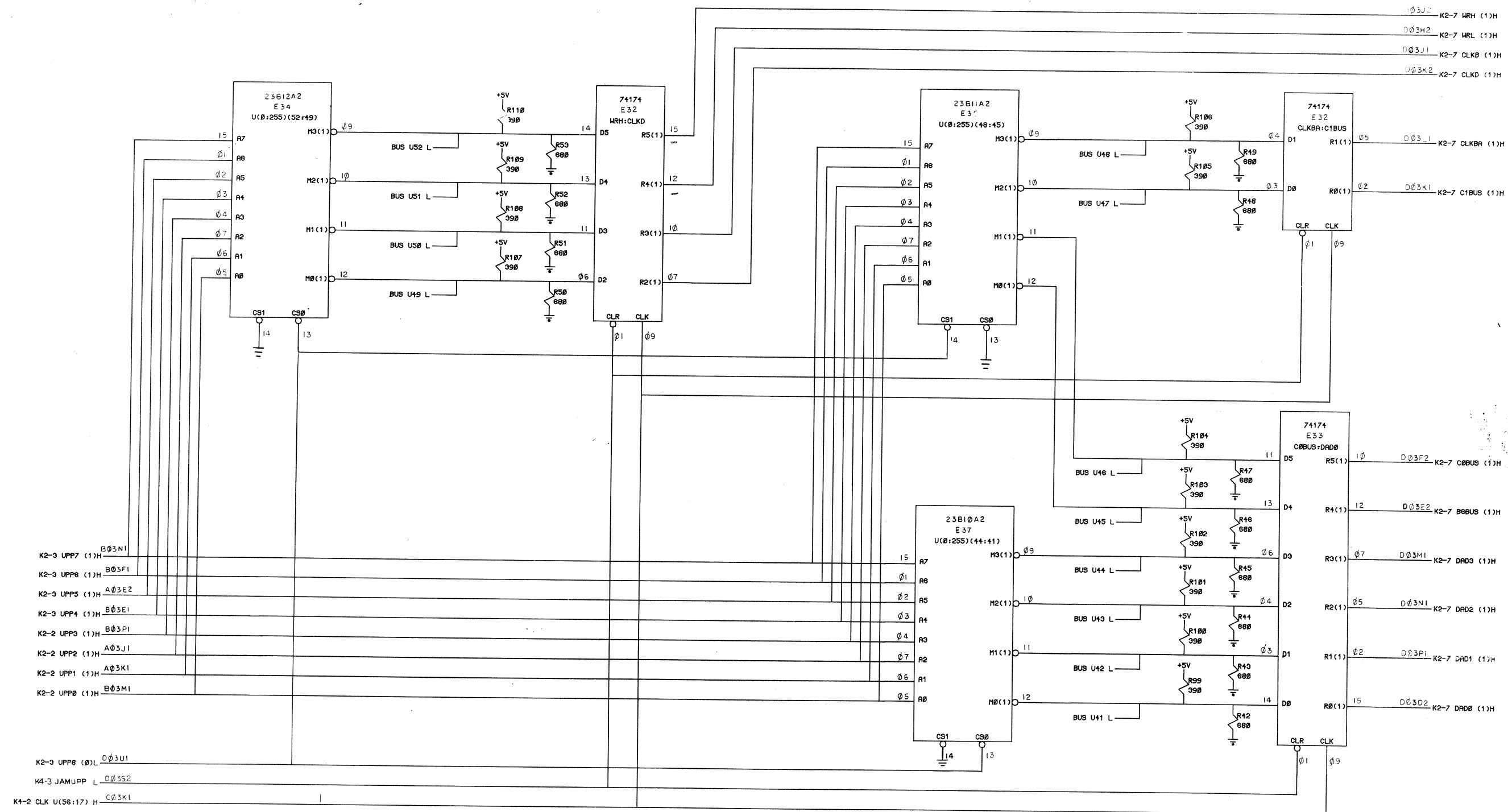
UNLESS OTHERWISE SPECIFIED		DRN.	DATE		1-28-72	
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE		6/16/72	
DIMENSION IN INCHES		ENG.	DATE		6/16/72	
TOLERANCES		PROJ. ENR.	DATE		6/16/72	
DECIMALS FRACTIONS ANGLES		PRDD.	DATE		6-20-72	
± .005 ± .004 ± .030°						
FINAL SURFACE QUALITY						
REMOVE BURRS AND BREAK SHARP CORNERS						
MATERIAL		FIRST USED ON				
		PDP11				
FINISH		SCALE		SIZE CODE		NUMBER
		1/1		D CS		M7232-0-1
SHEET 5 OF 12		DIS.				REV F

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.



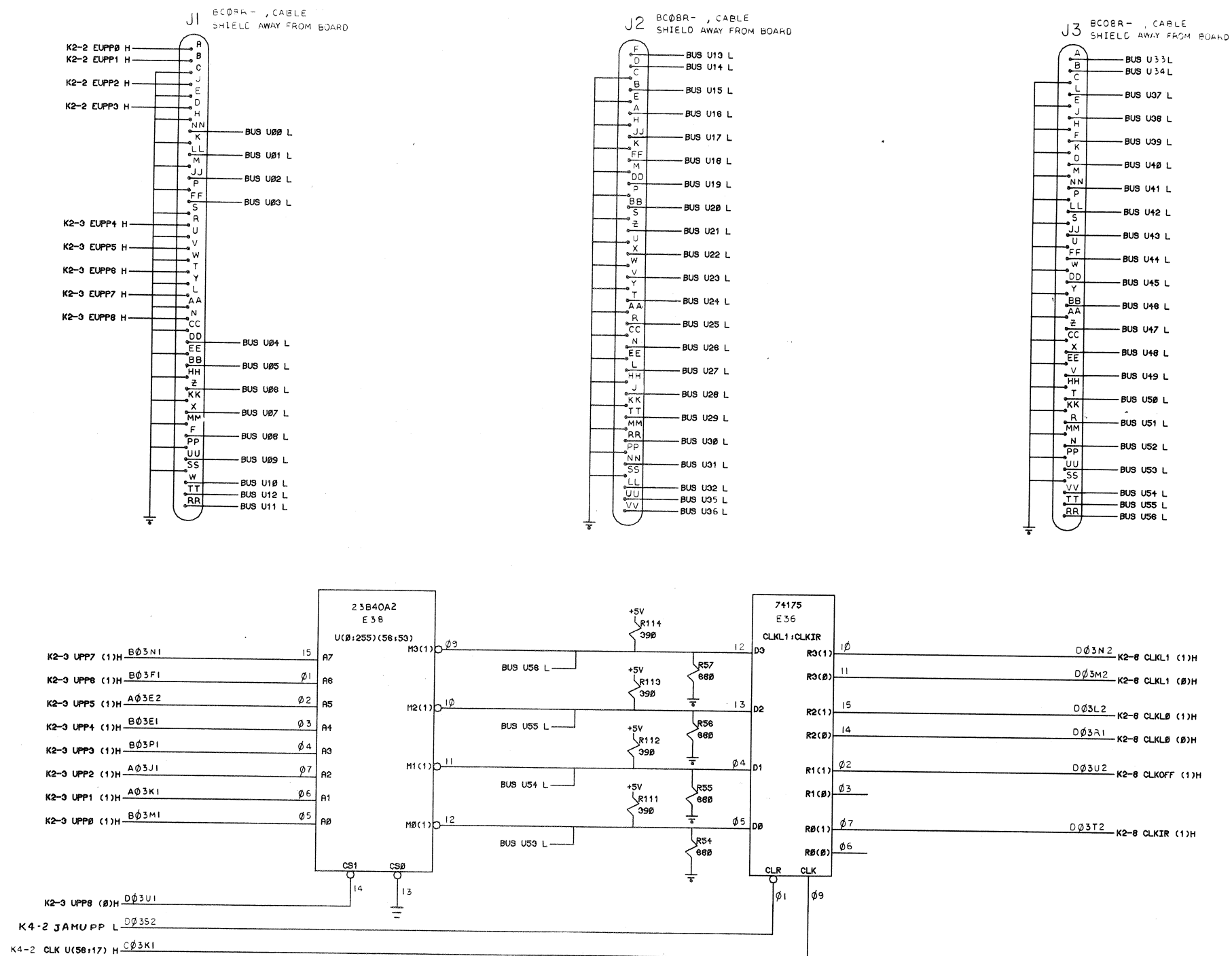
UNLESS OTHERWISE SPECIFIED		DRN.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		CHK'D.	DATE	TITLE	
DIMENSION IN INCHES		ENG.	DATE	U WORD	
TOLERANCES		PRJ. ENG.	DATE	U(40:29) K2-6	
DECIMALS FRACTIONS ANGLES		PROD.	DATE	SIZE CODE	
±.005 ± 1/64 ± 0°30'				D CS	
FINAL SURFACE QUALITY				NUMBER	
REMOVE BURRS AND BREAK SHARP CORNERS				H7232-0-1	
MATERIAL		FIRST USED ON		REV.	
PDP11				F	
FINISH		SCALE		SHEET	
		8 OF 12		DIST.	

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.



UNLESS OTHERWISE SPECIFIED		DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		CHKD	DATE	TITLE	
DIMENSION IN INCHES		ENG	DATE	U WORD	
TOLERANCES		PRD	DATE	U(52:41) K2-7	
DECIMALS ± .005		PRD	DATE	SIZE CODE	
FRACTIONS ± 1/64		DATE		NUMBER	
ANGLES ± 0°30'		DATE		REV.	
FINAL SURFACE QUALITY		DATE		F	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE		DIST.	
MATERIAL		FIRST USED ON		PDP11	
FINISH		SCALE		SHEET 7 OF 12	

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.



UNLESS OTHERWISE SPECIFIED		DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
UNLESS OTHERWISE SPECIFIED		CHKD	DATE	TITLE	
DIMENSION IN INCHES		ENG	DATE	U WORD	
TOLERANCES		PROL	DATE	U(56:53) & CONNECTORS K2-8	
DECIMALS FRACTIONS ANGLES		PROD	DATE	NUMBER	
±.005 ± 1/64 ± 0°30'		FIRST USED ON		REV.	
FINAL SURFACE QUALITY		PDP11		F	
REMOVE BURRS AND BREAK SHARP CORNERS		SCALE		NUMBER	
MATERIAL		SHEET 8 OF 12		H7202-B-1	
FINISH		DIST.		REV.	

FLWS	STATE	ADR	CLK	CIR	WR	CB	CD	CBA	BUS	DAD	SPS	ALU	SBC	SBM	SDM	SBA	UBF	SRX	RIF	UPF
01	FET01	000	3	0	0	0	0	1	1	00	0	00	00	00	0	0	1	00	01	07 001
01	FET03	001	2	1	3	1	0	0	0	00	0	00	00	00	0	1	0	00	01	13 004
10	SER31	002	6	0	0	0	0	0	0	00	0	00	00	00	0	0	0	26	01	13 015
04	MOV21	003	4	0	0	0	1	0	0	00	0	32	00	05	2	0	0	27	00	00 204
01	FET04	004	4	0	0	0	1	1	1	00	0	11	02	17	0	0	0	37	01	07 005
01	FET05	005	2	0	3	0	0	0	0	00	0	00	00	00	2	0	0	00	01	07 100
10	SER04	006	6	0	0	0	0	0	0	00	0	00	00	00	0	0	0	26	01	13 015
06	TRP08	007	5	0	0	0	0	1	1	00	0	11	02	17	0	0	0	00	01	14 115
06	TRP09	010	6	0	3	0	1	0	0	00	0	32	00	17	2	0	0	11	01	14 216
11	CON01	011	6	0	0	0	0	1	1	00	0	00	00	00	2	1	0	00	01	07 255
10	SER06	012	3	0	0	0	0	0	0	00	0	00	00	00	0	0	0	00	01	13 020
01	FET00	013	3	0	0	0	0	1	1	00	0	00	00	00	0	1	0	00	01	07 001
10	SER09	014	3	0	0	0	0	0	0	00	0	00	00	00	0	0	0	00	01	13 032
10	SER05	015	2	0	0	0	0	0	0	00	0	00	00	00	0	0	0	00	01	13 010
01	FET02	016	3	0	0	0	0	1	1	00	0	00	00	00	0	0	0	00	01	07 001
10	SER02	017	6	0	0	0	0	0	0	00	0	00	00	00	2	0	0	26	01	13 015
10	SER07	020	4	0	0	0	0	0	0	00	0	00	00	00	0	0	0	25	01	13 021
10	SER08	021	2	0	0	0	0	0	0	00	0	00	00	00	0	0	0	00	01	13 014
10	SER10	022	6	0	3	1	0	0	0	00	0	00	00	00	1	0	0	07	01	14 023
10	SER11	023	2	0	0	0	0	0	0	00	0	00	00	00	0	0	0	00	01	14 006
11	CON03	024	4	0	0	0	1	0	0	00	0	00	00	00	2	0	0	00	01	00 036
06	RST01	025	7	0	0	0	0	0	0	00	0	00	00	00	2	0	0	02	00	00 040
11	CON04	026	6	0	0	0	0	0	0	00	0	00	00	00	2	0	0	06	00	00 046
11	CON07	027	4	0	0	0	1	0	0	00	0	32	14	17	2	0	0	00	00	00 044
11	CON05	030	6	0	0	0	0	0	0	00	0	00	00	00	2	0	0	00	00	00 315
12	EXM06	031	5	0	0	0	1	0	1	00	0	32	10	17	2	0	0	00	00	00 060
12	STA00	032	6	0	3	0	0	0	0	00	0	00	00	00	2	0	0	10	01	07 076
12	LAD03	033	4	0	0	0	1	0	0	00	0	23	00	00	2	0	0	00	00	00 050
12	DEP00	034	2	0	0	0	0	1	0	00	0	00	00	00	0	0	1	00	01	17 062
12	EXM00	035	2	0	0	0	0	1	0	00	0	00	00	00	0	0	1	00	01	17 053
12	CNT00	036	2	0	0	0	0	0	0	00	0	00	00	00	0	0	0	00	01	07 017
12	LAD00	037	5	0	0	0	0	1	1	00	0	32	10	17	1	0	0	00	00	00 051

NOTE: THE COMPLEMENT OF THE ACTUAL
ROM OUTPUT FOR THE UPF FIELD
IS LISTED HERE FOR CLARITY.

FLWS	STATE	ADR	CLK	CIR	WR	CB	CD	CBA	BUS	DAD	SPS	ALU	SBC	SBM	SDM	SBA	UBF	SRX	RIF	UPF
06	RST02	040	2	0	0	0	0	0	0	00	0	00	00	00	2	0	0	00	00	00 042
11	CON02	041	7	0	0	0	0	0	2	00	7	00	00	00	2	0	0	00	00	00 024
06	RST04	042	2	0	0	0	0	0	0	00	0	00	00	00	2	0	0	00	00	00 011
06	RST03	043	2	0	0	0	0	0	0	00	0	00	00	00	2	0	0	00	00	00 016
11	CON08	044	6	0	3	0	0	0	0	00	0	00	00	00	2	0	0	12	01	15 047
11	CON10	045	6	0	0	0	0	0	0	00	0	00	00	00	2	0	0	30	01	07 050
11	CON06	046	2	0	0	0	0	0	0	00	0	00	00	00	2	0	0	00	00	00 026
11	CON09	047	6	0	3	0	1	0	0	00	0	11	01	17	2	0	0	00	01	15 044
11	CON11	050	6	0	0	0	1	0	0	00	0	00	00	00	0	0	0	00	01	17 030
12	LAD01	051	6	0	3	0	0	0	0	00	0	00	00	00	1	0	0	05	01	17 052
12	LAD02	052	4	0	0	0	1	1	0	00	0	00	00	00	2	1	0	00	01	17 032
12	EXM01	053	6	0	0	0	0	0	0	00	0	00	00	00	2	0	0	04	00	00 054
12	EXM02	054	6	0	3	0	1	1	0	00	0	11	07	17	2	0	0	00	01	17 056
12	EXM03	055	4	0	0	0	1	0	0	00	0	00	00	00	0	0	0	00	02	00 030
12	EXM04	056	6	0	3	0	1	1	0	00	0	11	07	17	2	0	0	04	01	17 055
12	EXM03	057	6	0	3	0	1	1	0	00	0	11	07	17	2	0	0	00	01	17 056
12	EXM07	060	2	0	0	1	0	0	0	00	0	00	00	00	1	0	0	00	00	00 041
12	EXM08	061	4	0	0	0	1	0	0	00	0	32	00	00	2	0	0	00	00	00 030
2	DEP01	062	6	0	0	0	0	0	0	00	0	00	00	00	2	0	0	03	00	00 063
12	DEP02	063	6	0	3	0	1	1	0	00	0	11	07	17	2	0	0	00	01	17 064
12	DEP03	064	6	0	3	0	1	1	0	00	0	11	07	17	2	0	0	00	01	17 065
12	DEP04	065	5	0	0	0	1	1	0	00	0	32	10	17	0	0	0	00	01	17 066
12	DEP05	066	2	0	0	1	0	0	0	00	0	00	00	00	1	0	0	00	00	00 067
12	DEP06	067	2	0	0	0	0	1	0	00	0	00	00	00	0	1	0	00	01	17 070
12	DEP07	070	6	0	0	0	1	0	0	01	0	32	00	00	2	0	0	03	00	00 071
12	DEP08	071	2	0	0	0	0	0	0	00	0	00	00	00	2	0	0	00	00	00 072
12	DEP09	072	3	0	0	0	0	0	0	00	0	00	00	00	2	0	0	00	00	00 030
12	DEP10	073	2	0	3	0	0	0	0	00	0	00	00	00	2	0	0	00	02	00 030
08	DOP21	074	2	0	0	1	0	0	0	00	3	00	00	00	2	0	0	00	00	00 366
9	SSL11	075	2	0	0	1	0	0	0	00	3	00	00	00	2	0	0	00	00	00 394
12	STA01	076	2	0	0	0	0	0	0	00	0	00	00	00	0	0	0	00	01	07 016
06	TRP15	077	2	0	0	0	0	0	0	00	0	00	00	00	0	0	0	00	01	10 140

DRN	DATE	6-15-72
CHK'D	DATE	7/16/72
ENG	DATE	7/16/72
PROJ. ENG.	DATE	7/16/72
PROD.	DATE	6/10/72

SHEET 9 OF 12
 TITLE U WORD
 NUMBER M7232-0-1
 REV. F

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

NOTE: THE COMPLEMENT OF THE ACTUAL ROM OUTPUT FOR THE UPF FIELD IS LISTED HERE FOR CLARITY.

Flows	State	ADR	CLK	CIR	WR	CB	ED	CBA	BUS	DAD	SPS	ALU	SBC	SBM	SDM	SBA	UBF	SRX	RIF	UPF
01	FET07	100	2	0	0	0	0	0	0	00	0	00	00	00	0	0	00	01	13	126
06	RTI09	101	7	3	0	0	1	1	1	00	0	11	02	17	2	1	00	00	06	320
07	DOP02	102	2	0	0	1	0	0	0	00	0	00	00	00	0	0	31	04	00	364
07	DOP00	103	2	0	0	1	0	0	0	00	0	00	00	00	0	0	00	10	00	363
07	SSL02	104	4	0	0	0	1	0	0	14	0	00	00	00	0	0	31	04	00	373
07	SSL00	105	2	0	0	0	1	0	0	00	0	00	00	00	0	0	31	04	00	372
09	KSR00	106	6	0	0	1	1	0	0	00	1	00	00	00	3	0	00	00	00	271
09	RSR02	107	2	0	0	1	0	0	0	00	0	00	00	00	0	0	00	04	00	272
07	NBR00	110	2	0	0	0	0	0	0	00	0	00	00	00	0	0	16	01	13	347
07	BRM00	111	4	0	0	0	1	0	0	00	0	11	00	05	0	0	00	07	07	340
05	MRK00	112	6	0	0	1	1	0	0	00	0	11	00	00	2	0	00	01	13	353
06	TRP12	113	2	0	0	0	0	0	0	00	0	00	00	00	0	0	00	00	00	330
10	SER00	114	6	0	0	0	0	0	0	00	0	00	00	00	0	0	26	01	13	015
06	TRP09	115	2	0	0	0	0	0	0	00	0	00	00	00	0	0	00	01	13	326
07	CCO00	116	6	0	0	1	1	0	0	00	0	33	12	17	2	0	00	01	13	350
07	SCC00	117	6	0	0	1	1	0	0	00	0	33	12	17	2	0	16	01	13	352
08	DOP13	120	2	0	0	1	0	0	0	00	0	00	00	00	0	0	31	04	00	391
08	DOP13	121	2	0	0	1	0	0	0	00	0	00	00	00	0	0	31	01	11	390
11	COM00	122	6	0	0	0	0	1	0	00	0	00	00	00	2	1	00	01	11	295
10	SER00	123	6	0	0	0	0	0	0	00	0	00	00	00	0	0	26	01	13	015
06	RSR00	124	4	0	0	0	1	0	0	00	0	00	00	00	0	0	00	04	00	323
04	MOV22	125	7	0	0	0	0	0	0	12	3	00	00	00	2	0	16	00	00	375
06	TRP00	126	6	0	0	0	0	0	0	00	0	32	00	17	2	0	00	01	14	007
06	RSR00	127	4	0	0	0	1	0	0	00	0	00	00	00	2	0	00	01	00	025
07	SBR00	130	4	0	0	0	1	0	0	00	0	17	00	00	0	0	00	10	00	342
08	XTI00	131	0	0	0	0	0	0	0	00	0	00	00	00	0	0	00	00	00	000
08	XTI00	132	4	0	0	0	1	0	0	14	0	03	00	00	2	0	27	00	00	000
07	SBR00	133	4	0	0	0	0	0	0	00	0	00	00	00	0	0	00	00	00	000
07	SBR00	134	2	0	0	1	0	0	0	00	0	00	00	00	0	0	00	04	00	155
07	SBR01	135	4	0	0	0	1	1	0	00	0	32	00	12	2	0	27	00	00	340
01	FET06	136	6	0	0	0	0	1	0	00	0	06	01	17	2	0	00	01	07	247
02	SCC10	137	4	0	0	0	1	0	0	00	0	32	00	02	0	0	36	01	13	251

Flows	State	ADR	CLK	CIR	WR	CB	CD	CBA	BUS	DAD	SPS	ALU	SBC	SBM	SBA	UBF	SRX	RIF	UPF
06	TRP10	140	2	0	0	0	0	0	0	0	7	00	00	00	0	04	01	10	332
02	SRC00	141	2	0	0	0	0	1	1	01	0	00	00	00	0	00	10	00	247
02	SRC01	142	4	0	0	0	0	1	1	01	0	11	03	17	0	1	00	00	240
02	SRC04	143	7	0	3	0	1	1	1	00	0	11	02	17	2	1	00	10	245
02	SRC02	144	4	0	0	0	0	1	1	01	0	06	03	17	0	00	10	00	240
02	SRC05	145	7	0	3	0	0	1	1	00	0	06	01	17	2	00	10	00	245
02	SRC06	146	7	0	3	0	0	1	0	00	0	11	02	17	2	00	01	07	241
02	SRC09	147	7	0	3	0	0	1	0	00	0	11	02	17	2	00	01	07	243
06	TRP07	150	6	0	3	0	0	0	0	00	0	32	00	17	2	00	01	14	007
05	JMP00	151	4	0	0	0	0	1	0	00	0	00	00	00	0	15	04	00	300
05	JMP01	152	6	0	3	0	1	0	0	00	0	11	02	17	2	0	00	00	303
05	JMP03	153	7	0	3	0	1	1	1	00	0	11	02	17	2	1	04	00	235
05	JMP05	154	6	0	3	0	0	0	0	00	0	06	01	17	2	15	04	00	303
05	JMP06	155	7	0	3	0	0	1	1	00	0	06	00	17	2	15	04	00	300
05	JMP08	156	7	0	3	0	0	1	0	00	0	11	02	17	2	15	01	07	304
05	JMP07	157	7	0	3	0	1	0	0	00	0	11	02	17	2	00	01	07	301
04	MOV19	160	4	0	0	0	0	0	0	00	0	00	00	00	0	20	01	11	204
03	DST00	161	2	0	0	0	0	1	3	07	0	00	00	00	0	1	00	00	266
03	DST01	162	4	0	0	0	1	1	0	07	0	11	03	17	0	1	00	04	264
03	DST04	163	7	0	3	0	1	1	1	00	0	11	02	17	2	1	00	04	264
03	DST02	164	4	0	0	0	1	1	3	07	0	06	03	17	0	00	04	00	260
03	DST05	165	7	0	3	0	1	1	1	00	0	06	01	17	2	00	04	00	264
03	DST07	166	7	0	3	0	0	1	0	00	0	11	02	17	2	17	01	07	261
03	DST06	167	7	0	3	0	1	1	1	00	0	11	02	17	2	1	01	07	261
04	MOV10	170	4	0	0	0	0	0	0	00	0	00	00	00	0	20	10	00	204
04	MOV00	171	4	0	0	0	1	1	0	07	0	00	00	00	0	22	04	00	257
04	MOV01	172	4	0	0	0	1	1	0	07	0	11	03	17	2	1	04	00	257
04	MOV03	173	7	0	3	0	1	1	1	01	0	11	02	17	2	1	00	04	207
04	MOV02	174	4	0	0	0	1	1	0	07	0	06	03	17	2	0	04	00	257
04	MOV04	175	7	0	3	0	1	1	0	01	0	06	01	17	2	22	04	00	207
04	MOV05	176	7	0	3	0	1	1	0	00	0	11	02	17	2	17	01	07	206
04	MOV05	177	7	0	3	0	1	1	1	00	0	11	02	17	2	1	01	07	206

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

[illegible]

FLWS STATE	ADR	CLK	CIR	WR	CB	CD	CBA	BUS	DAD	SPS	ALU	SBC	SBM	SDM	SBA	UBF	SRX	RIF	UPF
04 MOV10	200	4	0	0	0	1	0	5	00	0	00	00	00	0	0	00	01	11	125
04 MOV17	201	4	0	0	0	1	0	5	00	0	11	14	17	0	0	00	10	00	125
04 MOV14	202	2	0	0	1	0	0	0	00	0	00	00	00	0	0	00	00	11	205
04 MOV13	203	2	0	0	1	0	0	0	00	0	00	00	00	0	0	00	10	00	205
04 MOV20	204	0	0	3	1	0	0	0	00	3	00	00	00	2	0	00	04	00	000
04 MOV15	205	6	0	3	0	1	0	7	00	0	32	00	10	2	0	00	01	11	135
04 MOV08	206	2	0	3	1	0	0	0	00	0	00	00	00	1	0	21	01	12	212
04 MOV11	207	2	0	3	1	0	0	0	00	0	00	00	00	1	0	22	01	12	210
04 MOV12	210	2	0	0	0	0	1	0	01	0	00	00	00	0	1	00	01	12	200
09 SSL10	211	2	0	0	0	0	0	0	00	1	00	00	00	2	0	00	00	00	367
04 MOV09	212	4	0	0	0	0	1	0	07	0	11	00	00	0	0	00	04	00	200
04 MOV10	213	5	0	0	0	0	1	1	01	0	11	00	00	0	0	00	04	00	207
06 TRP02	214	2	0	3	0	0	0	0	00	0	00	00	00	2	0	00	01	14	007
06 TRP02	215	5	0	0	0	0	1	1	00	0	32	17	17	0	0	00	01	14	135
06 TRP04	216	4	0	0	0	1	0	0	00	0	32	13	17	2	0	00	00	00	214
01 FET05	217	6	1	0	0	1	0	0	00	0	00	00	00	0	0	00	00	00	292
09 SSL06	220	4	0	0	0	1	0	5	17	0	00	00	00	2	0	00	01	12	211
09 SSL04	221	4	0	0	0	1	0	5	11	0	06	00	00	2	0	00	00	12	367
09 SSL08	222	4	0	0	0	1	0	0	14	0	00	00	00	0	0	00	01	12	253
09 SSL07	223	4	0	0	0	1	0	0	10	0	06	00	00	2	0	00	00	00	253
08 DOP07	224	4	0	0	0	1	0	5	17	0	00	00	00	0	0	00	10	00	367
08 DOP03	225	4	0	0	0	1	0	5	17	0	00	00	00	0	0	00	01	11	367
08 DOP04	226	2	0	0	1	0	0	0	00	0	00	00	00	0	0	00	10	00	365
08 DOP05	227	2	0	0	1	0	0	0	00	0	00	00	00	0	0	00	01	11	365
08 DOP09	230	4	0	0	0	1	0	0	14	0	00	00	00	0	0	00	10	00	294
08 DOP10	231	4	0	0	0	1	0	0	14	0	00	00	00	0	0	00	01	11	294
09 RSR06	232	6	0	0	1	1	0	0	00	1	32	00	00	3	0	00	00	00	295
09 RSR08	233	6	0	0	1	1	0	0	00	1	32	00	10	3	0	00	00	00	276
08 SXT01	234	4	0	0	0	1	0	5	14	0	03	00	00	2	0	00	00	00	367
05 JMP02	235	4	0	0	0	1	0	5	00	0	06	01	17	0	0	15	04	00	300
09 SSL05	236	4	0	0	0	1	0	5	00	0	32	00	12	2	0	00	00	00	367
03 DST16	237	4	0	0	0	1	0	0	00	0	32	00	02	0	0	34	01	13	270

NOTE: THE COMPLEMENT OF THE ACTUAL
ROM OUTPUT FOR THE UPF FIELD
IS LISTED FOR CLARITY.

FLWS STATE	ADR	CLK	CIR	WR	CB	CD	CBA	BUS	DAD	SPS	ALU	SBC	SBM	SDM	SBA	UBF	SRX	RIF	UPF
02 SRC03	240	3	0	3	0	0	0	0	00	0	00	00	00	2	0	35	10	00	250
02 SRC07	241	2	0	3	1	0	0	0	00	0	00	00	00	0	0	00	01	11	242
02 SRC08	242	4	0	0	0	0	1	1	01	0	11	00	00	0	0	00	10	00	247
02 SRC10	243	2	0	3	1	0	0	0	00	0	00	00	00	1	0	00	01	11	244
02 SRC11	244	5	0	0	0	0	1	1	00	0	11	00	00	0	0	00	10	00	245
02 SRC12	245	2	0	3	1	0	0	0	00	0	00	00	00	0	0	00	01	11	246
02 SRC13	246	2	0	0	0	0	1	1	01	0	00	00	00	1	1	00	01	11	247
02 SRC14	247	3	0	0	0	0	0	0	00	0	00	00	00	0	0	35	01	13	250
02 SRC15	250	2	0	3	1	0	0	0	00	0	00	00	00	1	0	00	01	11	120
02 SRC17	251	2	0	3	1	0	0	0	00	0	00	00	00	2	0	00	01	11	120
01 FET09	252	2	0	3	1	0	0	0	00	0	00	00	00	0	0	00	01	13	004
09 SSL12	253	2	0	0	0	0	0	0	00	1	00	00	00	2	0	00	00	00	075
08 DOP22	254	2	0	0	0	0	0	0	00	1	00	00	00	2	0	00	00	00	074
11 CON12	255	6	0	0	0	1	0	2	00	6	00	00	00	0	0	24	00	00	041
08 MOV07	256	0	0	3	0	0	0	0	00	0	00	00	00	2	0	00	04	00	000
03 DST03	260	3	0	3	0	0	0	0	00	0	00	00	00	2	0	33	04	00	267
03 DST09	261	2	0	3	1	0	0	0	00	0	00	00	00	1	0	00	01	12	262
03 DST10	262	4	0	0	0	0	1	3	07	0	11	00	00	0	0	00	04	00	266
03 DST11	263	5	0	0	0	0	1	1	00	0	11	00	00	0	0	00	04	00	264
03 DST12	264	2	0	3	1	0	0	0	00	0	00	00	00	1	0	00	01	12	265
03 DST13	265	2	0	0	0	0	1	3	01	0	00	00	00	0	1	00	01	12	266
03 DST14	266	3	0	0	0	0	0	0	00	0	00	00	00	0	0	33	01	13	267
03 DST15	267	2	0	3	1	0	0	0	00	0	00	00	00	1	0	00	01	12	280
03 DST17	270	2	0	3	1	0	0	0	00	0	00	00	00	2	0	00	01	12	280
09 RSR01	271	6	0	3	0	1	0	0	00	0	32	00	00	2	0	27	04	00	274
09 RSR03	272	6	0	0	1	1	0	0	00	1	32	00	10	3	0	00	00	00	273
09 RSR04	273	6	0	1	1	1	0	0	00	0	32	00	02	2	0	27	04	00	274
09 RSR05	274	0	0	0	0	0	0	0	00	2	00	00	00	0	0	00	04	00	000
09 RSR07	275	4	0	0	0	1	0	5	00	0	32	00	00	2	0	00	00	00	277
09 RSR09	276	4	0	0	0	1	0	7	00	0	32	00	02	2	0	00	00	00	277
09 RSR10	277	3	0	0	0	0	0	0	00	2	00	00	00	2	0	16	00	00	376

TITLE		U WORD		NUMBER		REV.	
				M7232-0-1		F	
(ADR 200-277)		SIZE CODE		K CS			
DRN	DATE	CHKD	DATE	ENG	DATE	PROJ ENGR	DATE
<i>Dr. Paul L. H.</i>	6-15-72	<i>Dr. Paul L. H.</i>	6/16/72	<i>Dr. Paul L. H.</i>	6/16/72	<i>Dr. Paul L. H.</i>	6/16/72
MOD	DATE	APPROV	DATE	REVIS	DATE	REVIS	DATE
<i>Dr. Paul L. H.</i>	6/16/72	<i>Dr. Paul L. H.</i>	6/16/72	<i>Dr. Paul L. H.</i>	6/16/72	<i>Dr. Paul L. H.</i>	6/16/72

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

Flows	State	ADR	CLK	CIR	WR	CB	CD	CBA	BUS	DAD	SPS	ALU	SBC	SBM	SDM	SBA	UBF	SRX	RIF	UPF
05	JMP04	300	2	0	3	1	0	0	0	0	0	0	0	0	2	0	0	0	1	10 306
05	JMP09	301	2	0	3	1	0	0	0	0	0	0	0	0	1	0	0	0	1	10 302
05	JMP10	302	5	0	0	1	1	0	0	0	0	11	00	00	00	0	0	15	04	00 303
5	JMP11	303	2	0	3	1	0	0	0	0	0	0	0	0	1	0	0	0	0	10 306
05	JMP14	304	2	0	3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	10 305
05	JMP15	305	4	0	0	0	1	0	0	0	0	11	00	00	00	0	0	15	04	00 300
05	JMP12	306	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	01	10 313
05	JSR00	307	6	0	3	0	1	1	0	0	0	0	01	17	2	0	0	0	0	06 310
05	JSR01	310	5	0	0	0	1	0	5	0	0	0	0	0	0	0	0	10	00	00 311
05	JSR02	311	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	07 312
05	JSR03	312	6	0	3	0	1	0	0	0	0	32	00	00	2	0	0	0	10	00 306
05	JMP13	313	2	0	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	07 016
11	CON13	314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00 000
06	TRP01	316	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00 006
06	TRP01	317	6	0	3	0	1	0	0	0	0	32	00	17	2	0	0	0	0	14 215
06	RTI01	320	2	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	07 321
06	RTI02	321	7	0	3	0	1	1	0	0	0	11	02	17	2	1	0	0	0	06 322
06	RTI03	322	2	0	0	0	0	0	0	0	7	00	00	00	1	0	0	0	0	00 017
06	RTS01	323	2	0	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	07 324
06	RTS02	324	7	0	3	0	1	1	0	0	0	11	02	17	2	1	16	01	0	06 325
06	RTS03	325	2	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	00 016
06	TRP10	326	6	0	3	0	1	1	0	0	6	0	0	0	2	0	0	0	0	06 327
06	TRP11	327	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	00 113
06	TRP13	330	6	0	3	0	1	1	0	0	0	0	0	0	2	0	0	0	0	06 331
06	TRP14	331	5	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	07 077
06	TRP20	332	2	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	14 333
06	TRP21	333	2	0	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	07 122
06	TRP18	334	5	0	0	0	0	1	1	0	0	11	02	17	0	0	0	0	0	14 335
06	TRP19	335	2	0	0	0	0	0	0	0	7	00	00	00	1	0	0	0	0	00 322
06	TRP00	336	6	0	3	0	1	0	0	0	0	32	17	17	2	0	0	0	0	06 317
06	TRP17	337	6	0	3	0	1	0	0	0	0	0	32	11	17	2	0	0	0	14 334

NOTE: THE COMPLEMENT OF THE ACTUAL
ROM OUTPUT FOR THE UPF FIELD
IS LISTED FOR CLARITY.

Flows	State	ADR	CLK	CIR	WR	CB	CD	CBA	BUS	DAD	SPS	ALU	SBC	SBM	SDM	SBA	UBF	SRX	RIF	UPF
07	BRA01	340	2	0	3	0	0	0	0	0	0	0	0	0	2	0	0	16	01	07 341
07	BRA02	341	6	0	3	0	1	0	0	0	0	11	00	05	2	0	0	0	0	07 016
07	S0B01	342	2	0	3	0	0	0	0	0	0	0	0	0	2	0	0	12	10	00 343
07	S0B02	343	6	0	0	1	1	0	0	0	0	33	13	17	2	0	0	0	0	13 344
07	S0B03	344	6	0	3	0	1	0	0	10	0	0	0	0	2	0	0	16	01	07 346
07	S0B05	345	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	16	00	00 347
07	S0B04	346	6	0	3	0	1	0	0	10	0	0	0	0	2	0	0	0	0	07 016
07	S0B06	347	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13 016
07	CCC01	350	6	0	0	1	1	0	0	0	0	25	00	00	2	0	16	00	00	00 351
07	CCC02	351	6	0	0	0	1	0	0	0	3	33	00	00	2	0	0	0	0	00 016
07	SCC01	352	6	0	0	0	1	0	0	0	3	36	00	00	2	0	0	0	0	00 016
05	MRK01	353	6	0	3	0	1	1	0	1	0	11	00	05	2	0	0	0	0	07 354
05	MRK02	354	4	0	0	0	1	0	0	0	0	11	02	17	0	0	0	0	0	07 355
05	MRK03	355	3	0	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	04 356
05	MRK04	356	6	0	3	0	1	0	0	0	0	0	0	0	0	0	16	01	05	05 357
05	MRK05	357	2	0	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	07 016
08	DOP19	360	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	00 000
08	DOP18	361	0	0	1	0	0	0	0	0	3	0	0	0	2	0	0	0	0	00 000
08	DOP17	362	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	00 000
07	DOP01	363	4	0	0	0	1	0	0	10	0	0	0	0	2	0	27	04	00	00 360
08	DOP03	364	4	0	0	0	1	0	0	14	0	0	0	0	0	0	27	10	00	00 360
08	DOP09	365	4	0	0	0	1	0	5	10	0	0	0	0	0	0	0	0	0	11 360
08	DOP11	366	5	0	0	0	1	0	7	13	0	32	00	10	2	0	16	00	00	00 367
08	DOP12	367	3	0	0	0	0	0	0	12	3	0	0	0	2	0	16	00	00	00 365
08	DOP14	370	4	0	0	0	1	0	0	10	0	0	0	0	0	0	27	04	00	00 360
08	DOP16	371	4	0	0	0	1	0	0	14	0	0	0	0	0	0	27	04	00	00 360
07	SSL01	372	4	0	0	0	1	0	0	10	0	0	0	0	2	0	27	04	00	00 360
07	SSL03	373	2	0	0	0	0	0	0	0	1	0	0	0	2	0	27	04	00	00 360
09	SSL09	374	5	0	0	0	1	0	7	13	0	32	00	10	2	0	16	00	00	00 365
08	DOP20	375	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	00 016
09	RSR11	376	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00 016
		377	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00 000

TITLE		U WORD	
DRN	DATE	6-15-72	
CHK'D	DATE	6/16/72	
ENG	DATE	6/16/72	
PROD. ENG.	DATE	6/16/72	
QC	DATE	6/16/72	
NUMBER		M7232-0-1	
REV.		F	
SIZE CODE		KCS	
ADDRESS		(ADR 300-377)	

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.