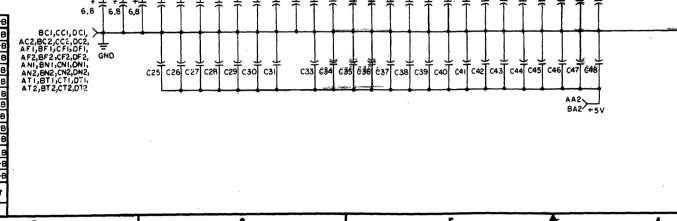


DEC MCI488L	7	14(10V)	J12-A	J12-B
8251	8	16	J24-A	J24-B
5384	8		J12-A	J12-B
74193	8	16	J13-A	J13-B
5314	1	8	J24-A	J24-B
8271	8	16	J24-A	J24-B
7483	10	5	J12-A	J12-B
DEC 5380	1	8	J24-A	J24-B
IC TYPE	OH	2V	8	22
UC13-ALC13-B				



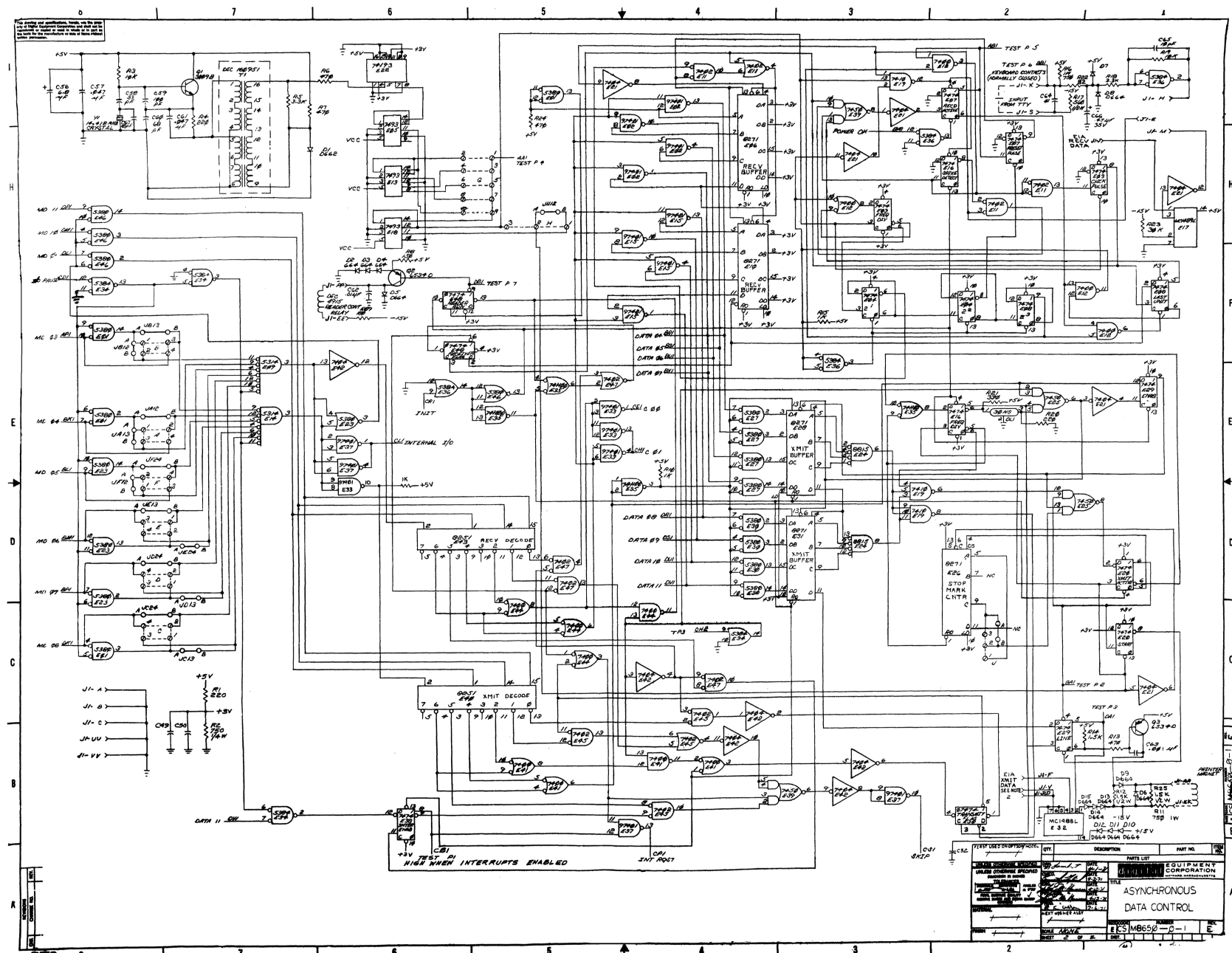
NOTES:

1. SPLIT LUGS
2. MACHINE INSERTED JUMPER
3. 40 PIN HEADER CONNECTION
- DATA II RVL: OMNIBUS CONNECTION
2. PIN F IS EIA TRANSMITTED DATA:
 - RAV OR MORE = SPACE + 0
 - LEV OR LESS = MARK + 1
 - PIN V IS EIA REQUEST TO SEND, +6V OR MORE = ON (PERMANENTLY)
 - PIN DD IS EIA DATA TERMINAL READY, +6V OR MORE = ON (PERMANENTLY)
3. THIS DRAWING FOLLOWS DEC STANDARD OS6 LOGIC SYMBOLOLOGY.
 - FLIP-FLOPS ARE NAMED FOR THE CONDITION THEY REPRESENT IN THE STATE.
 - THE FOLLOWING FIGURES APPLY:
 - CLEAR PRESET
 - IF '0' SHOWN THUS '1' STATE = Q STATE
 - IF '1' SHOWN THUS '1' STATE = Q STATE
 - IF '1' SHOWN THUS THIS LEAD IS HIGH WHEN FLIP-FLOP IS IN '1' STATE.
 - IF '1' SHOWN THUS THIS LEAD IS LOW WHEN FLIP-FLOP IS IN '1' STATE.
 - 4. WAVEFORM AT TEST POINT #6 FOR RECESSION OF 'A' (ASCII 0A)
 - 5. UNLESS OTHERWISE NOTED:
 - RESISTORS - 1% 24W 5%
 - CAPACITORS - .01MFD 100V 20%
 - DIODES - D664

REF. DES.	QTY	VAL	REF. NO.
2 R12 R23	1	RES. 1.5K 1/2W 5%	1300394 57
1 R22 R2	1	RES. 220 OHM 5%	1300395 58
3 E1 E2 E3 E4 E5 E6 E7	1	IC DEC 2380	1310392 57
9 E8 E9 E10 E11 E12 E13 E14	1	IC DEC 9740	1309779 56
2 E15 E16 E17 E18	1	IC DEC 9474	1005547 55
3 E19 E20 E21 E22 E23 E24 E25	1	IC DEC 7453	1309554 54
2 E26 E27 E28 E29 E30 E31	1	IC DEC 2271	1309718 53
3 E32 E33 E34 E35 E36 E37 E38	1	IC DEC 3314	1309539 52
3 E39 E40 E41 E42 E43 E44	1	IC DEC 7402	1009004 51
1 E45	1	IC DEC 7400	1005773 50
1 E46	1	IC MCI488L EIA RECEIVER	1310333 49
1 E47	1	IC DEC 7410	1305376 48
1 E48	1	IC DEC 7424	1009866 47
1 E49	1	IC DEC 74193	1310018 46
1 E50	1	IC DEC 9815	1309713 45
1 E51	1	IC DEC 7490	1005380 44
1 E52	1	IC MCI488L EIA DRIVER	1310332 43
1 E53	1	IC DEC 2380	1309718 42
1 E54	1	IC DEC 2380	1309718 41
1 E55	1	IC DEC 2380	1309718 40
1 E56	1	IC DEC 2380	1309718 39
1 E57	1	IC DEC 2380	1309718 38
1 E58	1	IC DEC 2380	1309718 37
1 E59	1	IC DEC 2380	1309718 36
1 E60	1	IC DEC 2380	1309718 35
1 E61	1	IC DEC 2380	1309718 34
1 E62	1	IC DEC 2380	1309718 33
1 E63	1	IC DEC 2380	1309718 32
1 E64	1	IC DEC 2380	1309718 31
1 E65	1	IC DEC 2380	1309718 30
1 E66	1	IC DEC 2380	1309718 29
1 E67	1	IC DEC 2380	1309718 28
1 E68	1	IC DEC 2380	1309718 27
1 E69	1	IC DEC 2380	1309718 26
1 E70	1	IC DEC 2380	1309718 25
1 E71	1	IC DEC 2380	1309718 24
1 E72	1	IC DEC 2380	1309718 23
1 E73	1	IC DEC 2380	1309718 22
1 E74	1	IC DEC 2380	1309718 21
1 E75	1	IC DEC 2380	1309718 20
1 E76	1	IC DEC 2380	1309718 19
1 E77	1	IC DEC 2380	1309718 18
1 E78	1	IC DEC 2380	1309718 17
1 E79	1	IC DEC 2380	1309718 16
1 E80	1	IC DEC 2380	1309718 15
1 E81	1	IC DEC 2380	1309718 14
1 E82	1	IC DEC 2380	1309718 13
1 E83	1	IC DEC 2380	1309718 12
1 E84	1	IC DEC 2380	1309718 11
1 E85	1	IC DEC 2380	1309718 10
1 E86	1	IC DEC 2380	1309718 9
1 E87	1	IC DEC 2380	1309718 8
1 E88	1	IC DEC 2380	1309718 7
1 E89	1	IC DEC 2380	1309718 6
1 E90	1	IC DEC 2380	1309718 5
1 E91	1	IC DEC 2380	1309718 4
1 E92	1	IC DEC 2380	1309718 3
1 E93	1	IC DEC 2380	1309718 2
1 E94	1	IC DEC 2380	1309718 1

ETCH BOARD REV	D
DATE	10/27/68
EQUIPMENT CORPORATION	
SYMBOLS	
ASYNCHRONOUS DATA CONTROL	
REVISION HISTORY	
REV	DESCRIPTION
REV	ASSY/DRAWING MOD/VOL
REV	XY COORDINATE HOLE LOC.

2005340	MP5634
DEC0009B	2N3646
7064	1N5405
D662	1N5405
DEC NO.	EIA NO.
DEC NO.	EIA NO.



REF. DESIG.	QTY	DESCRIPTION	PART LIST	EQUIPMENT CORPORATION
7410	1	3-INPUT NAND GATE	7410	7410
7404	1	INVERTER	7404	7404
7400	1	2-INPUT NAND GATE	7400	7400
7402	1	2-INPUT NOR GATE	7402	7402
7411	1	3-BIT BINARY DECODE	7411	7411
7412	1	3-INPUT NOR GATE	7412	7412
7420	1	4-INPUT NAND GATE	7420	7420
7422	1	4-INPUT NOR GATE	7422	7422
7430	1	5-INPUT NAND GATE	7430	7430
7432	1	5-INPUT NOR GATE	7432	7432
7401	1	BUFFER	7401	7401
7408	1	OCTAL BUFFER	7408	7408
7409	1	OCTAL BUFFER	7409	7409
7414	1	MONOSTABLE MULTIVIB	7414	7414
7415	1	2-BIT BINARY DECODE	7415	7415
7416	1	2-BIT BINARY DECODE	7416	7416
7417	1	3-BIT BINARY DECODE	7417	7417
7418	1	3-BIT BINARY DECODE	7418	7418
7419	1	3-BIT BINARY DECODE	7419	7419
7421	1	3-BIT BINARY DECODE	7421	7421
7423	1	4-BIT BINARY DECODE	7423	7423
7424	1	4-BIT BINARY DECODE	7424	7424
7425	1	4-BIT BINARY DECODE	7425	7425
7426	1	4-BIT BINARY DECODE	7426	7426
7427	1	4-BIT BINARY DECODE	7427	7427
7428	1	4-BIT BINARY DECODE	7428	7428
7429	1	4-BIT BINARY DECODE	7429	7429
7431	1	5-BIT BINARY DECODE	7431	7431
7433	1	5-BIT BINARY DECODE	7433	7433
7434	1	5-BIT BINARY DECODE	7434	7434
7435	1	5-BIT BINARY DECODE	7435	7435
7436	1	5-BIT BINARY DECODE	7436	7436
7437	1	5-BIT BINARY DECODE	7437	7437
7438	1	5-BIT BINARY DECODE	7438	7438
7439	1	5-BIT BINARY DECODE	7439	7439
7440	1	5-BIT BINARY DECODE	7440	7440
7441	1	5-BIT BINARY DECODE	7441	7441
7442	1	5-BIT BINARY DECODE	7442	7442
7443	1	5-BIT BINARY DECODE	7443	7443
7444	1	5-BIT BINARY DECODE	7444	7444
7445	1	5-BIT BINARY DECODE	7445	7445
7446	1	5-BIT BINARY DECODE	7446	7446
7447	1	5-BIT BINARY DECODE	7447	7447
7448	1	5-BIT BINARY DECODE	7448	7448
7449	1	5-BIT BINARY DECODE	7449	7449
7450	1	5-BIT BINARY DECODE	7450	7450
7451	1	5-BIT BINARY DECODE	7451	7451
7452	1	5-BIT BINARY DECODE	7452	7452
7453	1	5-BIT BINARY DECODE	7453	7453
7454	1	5-BIT BINARY DECODE	7454	7454
7455	1	5-BIT BINARY DECODE	7455	7455
7456	1	5-BIT BINARY DECODE	7456	7456
7457	1	5-BIT BINARY DECODE	7457	7457
7458	1	5-BIT BINARY DECODE	7458	7458
7459	1	5-BIT BINARY DECODE	7459	7459
7460	1	5-BIT BINARY DECODE	7460	7460
7461	1	5-BIT BINARY DECODE	7461	7461
7462	1	5-BIT BINARY DECODE	7462	7462
7463	1	5-BIT BINARY DECODE	7463	7463
7464	1	5-BIT BINARY DECODE	7464	7464
7465	1	5-BIT BINARY DECODE	7465	7465
7466	1	5-BIT BINARY DECODE	7466	7466
7467	1	5-BIT BINARY DECODE	7467	7467
7468	1	5-BIT BINARY DECODE	7468	7468
7469	1	5-BIT BINARY DECODE	7469	7469
7470	1	5-BIT BINARY DECODE	7470	7470
7471	1	5-BIT BINARY DECODE	7471	7471
7472	1	5-BIT BINARY DECODE	7472	7472
7473	1	5-BIT BINARY DECODE	7473	7473
7474	1	5-BIT BINARY DECODE	7474	7474
7475	1	5-BIT BINARY DECODE	7475	7475
7476	1	5-BIT BINARY DECODE	7476	7476
7477	1	5-BIT BINARY DECODE	7477	7477
7478	1	5-BIT BINARY DECODE	7478	7478
7479	1	5-BIT BINARY DECODE	7479	7479
7480	1	5-BIT BINARY DECODE	7480	7480
7481	1	5-BIT BINARY DECODE	7481	7481
7482	1	5-BIT BINARY DECODE	7482	7482
7483	1	5-BIT BINARY DECODE	7483	7483
7484	1	5-BIT BINARY DECODE	7484	7484
7485	1	5-BIT BINARY DECODE	7485	7485
7486	1	5-BIT BINARY DECODE	7486	7486
7487	1	5-BIT BINARY DECODE	7487	7487
7488	1	5-BIT BINARY DECODE	7488	7488
7489	1	5-BIT BINARY DECODE	7489	7489
7490	1	5-BIT BINARY DECODE	7490	7490
7491	1	5-BIT BINARY DECODE	7491	7491
7492	1	5-BIT BINARY DECODE	7492	7492
7493	1	5-BIT BINARY DECODE	7493	7493
7494	1	5-BIT BINARY DECODE	7494	7494
7495	1	5-BIT BINARY DECODE	7495	7495
7496	1	5-BIT BINARY DECODE	7496	7496
7497	1	5-BIT BINARY DECODE	7497	7497
7498	1	5-BIT BINARY DECODE	7498	7498
7499	1	5-BIT BINARY DECODE	7499	7499

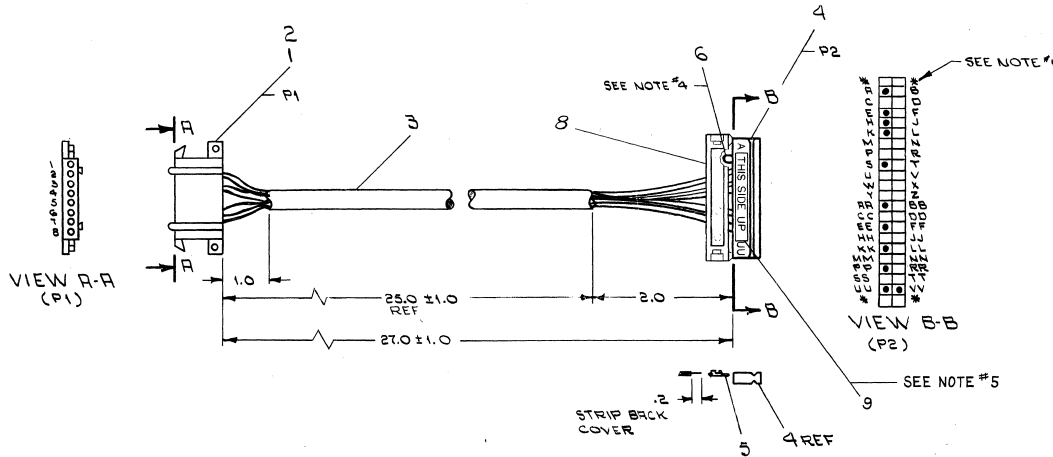
ASYNCHRONOUS DATA CONTROL

ES1M650-0-1

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 without the express written permission of the manufacturer.

WIRE TABLE						
ITEM NO.	DESCRIPTION	PAIR NO.	FROM CONNECTION	WITH	TO CONNECTION	WITH
3	22 BLK	1	P1-2	2	P2-KK	5
3	RED	1	P1-3	2	P2-S	
3,7	SHIELD	1	SEE NOTE #2	-	P2-R(NOTE#3)	
3	BLK	2	P1-4	2	P2-EE	
3	WHT		P1-5	2	P2-RR	
3,7	SHIELD		SEE NOTE #2	-	P2-UU(NOTE#3)	
3	BLK	3	P1-6	2	P2-PP	
3	GRN		P1-7	2	P2-K	
3,7	SHIELD		SEE NOTE #2	-	P2-VV(NOTE#3)	
6	22 BLK	-	P2-E	5	P2-H	5

- NOTES:**
- *ASTERISKS INDICATE CAVITIES NOT USED OR DESIGNATED BY LETTERS.
 - DRAIN WIRES TO BE CUT BACK TO OUTER INSULATION ON P1 END OF CABLE ONLY. SHIELDS TO BE CUT BACK TO OUTER INSULATION ON BOTH ENDS OF CABLES.
 - DRAIN WIRES ON P2 END OF CABLE TO BE EACH ENCLOSED WITH ITEM #7 (TUBING) FROM END OF CABLE JACKET TO POINT WHERE THEY ENTER P2 CONNECTOR.
 - ITEM #6(WIRE) TO BE APPROXIMATELY ONE(1) INCH LONG.
 - PLACE ITEM #9 (THIS SIDE UP) STICKER ON LETTERED SIDE OF ITEM #4 (BERG HOUSING) AS SHOWN:

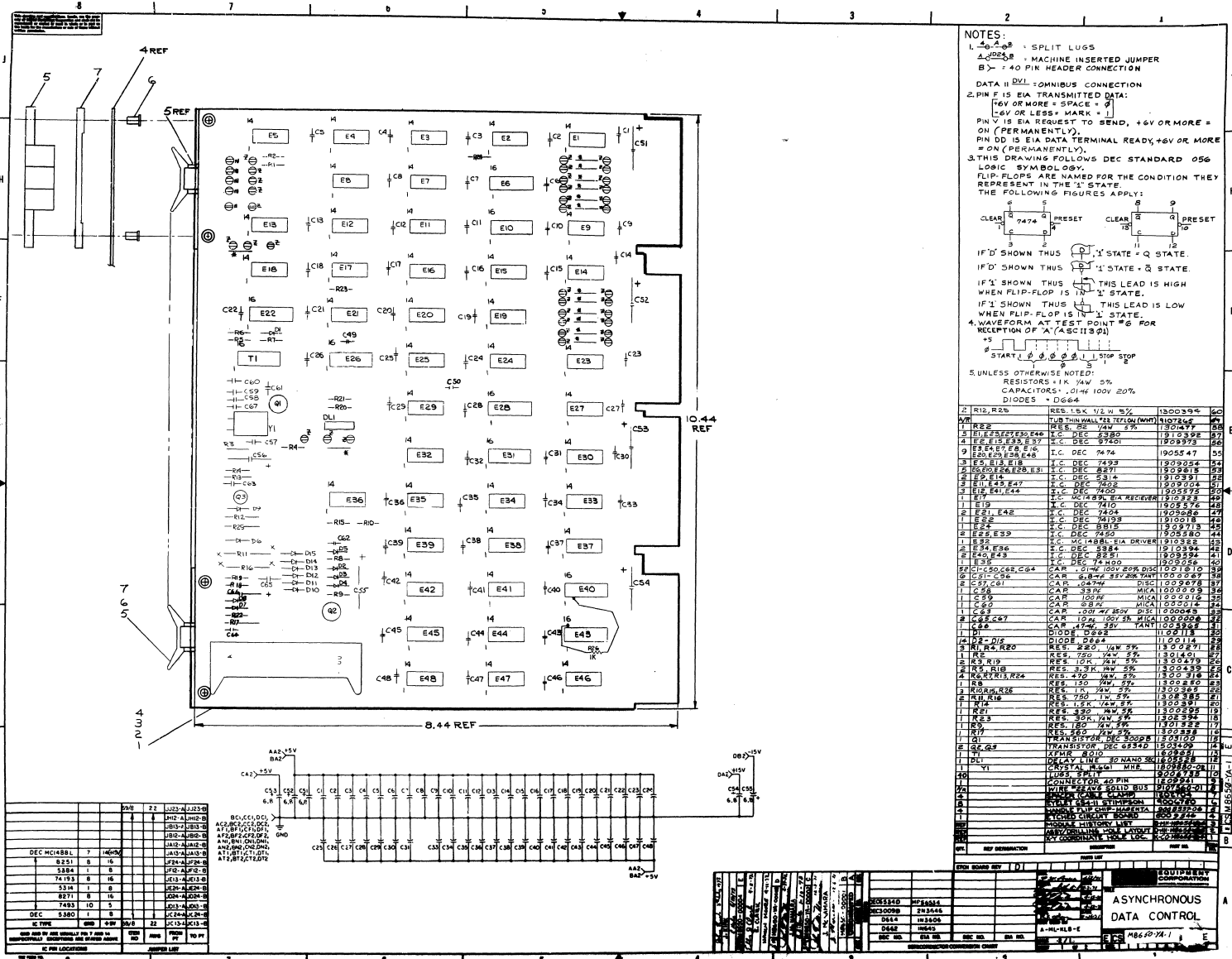


QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	LABEL THIS SIDE UP	3611567	9
1	STARIN RELIEF	1211166	8
R/R	TUB #18 TEF. THINWALL WAT	910728-11	7
R/R	WIRE #22 AWG STRO TEF BLK	9107350-00	6
11	SOCKET, CRIMP # 47216	1210089-07	5
1	HOUSING BERG # 45013-015	1210918-15	4
R/R	CABLE BELDEN #1177-3PR SHLD	9107125-0	3
6	CONTACT MATE-MLO-K(FEMALE)	1209379-03	2
1	CONN. MATE-LOCK(FEMALE)	1209340-00	1

FIRST USED ON OPTION / MODEL PDP-8E	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES ANGLES FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS	<table border="1"> <tr> <th>DATE</th> <th>BY</th> <th>CHKD.</th> <th>DATE</th> </tr> <tr> <td>10/27/74</td> <td>W. J. ...</td> <td>...</td> <td>...</td> </tr> <tr> <td>11/2/74</td> <td>...</td> <td>...</td> <td>...</td> </tr> <tr> <td>11/2/74</td> <td>...</td> <td>...</td> <td>...</td> </tr> </table>	DATE	BY	CHKD.	DATE	10/27/74	W. J.	11/2/74	11/2/74	<p>digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS</p> <p>TITLE CABLE ASSEMBLY (KL8E)</p> <p>NEXT HIGHER ASSY A M L K S E 0</p> <p>SCALE NONE</p> <p>SHEET 2 OF 2</p>
DATE	BY	CHKD.	DATE																
10/27/74	W. J.																
11/2/74																
11/2/74																

REVISION	DATE	BY	REASON
1	10/27/74	W. J.
2	11/2/74
3	11/2/74

DRAWING NUMBER
DIA 7008360-0-0



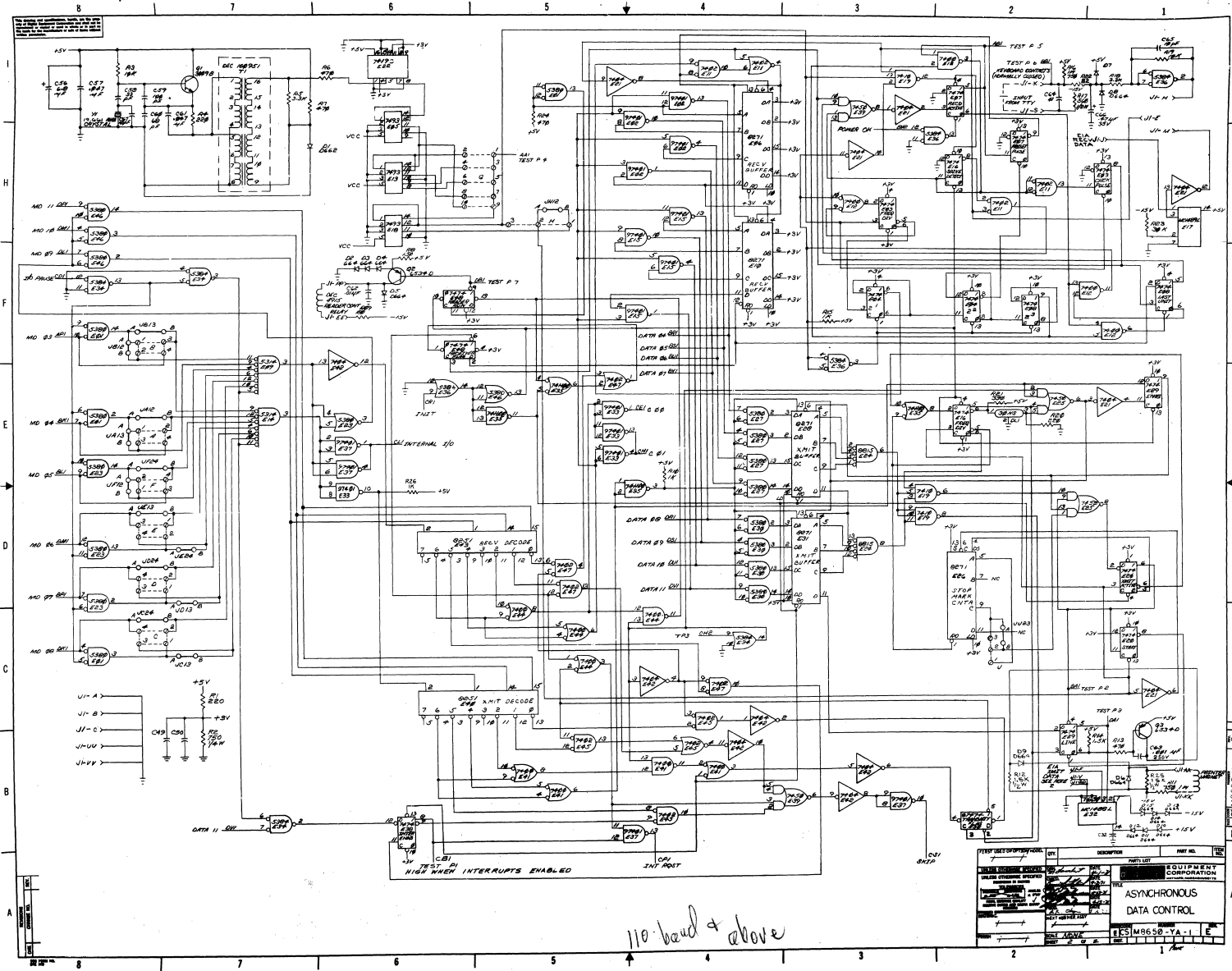
NOTES

1. -6-2-68 - SPLIT LUGS
2. -6-2-68 - MACHINE INSERTED JUMPER
3. -6-2-68 - MACHINE INSERTED JUMPER
4. -6-2-68 - MACHINE INSERTED JUMPER
5. -6-2-68 - MACHINE INSERTED JUMPER
6. -6-2-68 - MACHINE INSERTED JUMPER
7. -6-2-68 - MACHINE INSERTED JUMPER
8. -6-2-68 - MACHINE INSERTED JUMPER
9. -6-2-68 - MACHINE INSERTED JUMPER
10. -6-2-68 - MACHINE INSERTED JUMPER
11. -6-2-68 - MACHINE INSERTED JUMPER
12. -6-2-68 - MACHINE INSERTED JUMPER
13. -6-2-68 - MACHINE INSERTED JUMPER
14. -6-2-68 - MACHINE INSERTED JUMPER
15. -6-2-68 - MACHINE INSERTED JUMPER
16. -6-2-68 - MACHINE INSERTED JUMPER
17. -6-2-68 - MACHINE INSERTED JUMPER
18. -6-2-68 - MACHINE INSERTED JUMPER
19. -6-2-68 - MACHINE INSERTED JUMPER
20. -6-2-68 - MACHINE INSERTED JUMPER
21. -6-2-68 - MACHINE INSERTED JUMPER
22. -6-2-68 - MACHINE INSERTED JUMPER
23. -6-2-68 - MACHINE INSERTED JUMPER
24. -6-2-68 - MACHINE INSERTED JUMPER
25. -6-2-68 - MACHINE INSERTED JUMPER
26. -6-2-68 - MACHINE INSERTED JUMPER
27. -6-2-68 - MACHINE INSERTED JUMPER
28. -6-2-68 - MACHINE INSERTED JUMPER
29. -6-2-68 - MACHINE INSERTED JUMPER
30. -6-2-68 - MACHINE INSERTED JUMPER
31. -6-2-68 - MACHINE INSERTED JUMPER
32. -6-2-68 - MACHINE INSERTED JUMPER
33. -6-2-68 - MACHINE INSERTED JUMPER
34. -6-2-68 - MACHINE INSERTED JUMPER
35. -6-2-68 - MACHINE INSERTED JUMPER
36. -6-2-68 - MACHINE INSERTED JUMPER
37. -6-2-68 - MACHINE INSERTED JUMPER
38. -6-2-68 - MACHINE INSERTED JUMPER
39. -6-2-68 - MACHINE INSERTED JUMPER
40. -6-2-68 - MACHINE INSERTED JUMPER

REF	VALUE	DESCRIPTION	QTY
2	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
3	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
4	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
5	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
6	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
7	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
8	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
9	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
10	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
11	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
12	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
13	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
14	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
15	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
16	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
17	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
18	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
19	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
20	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
21	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
22	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
23	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
24	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
25	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
26	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
27	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
28	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
29	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
30	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
31	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
32	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
33	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
34	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
35	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
36	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
37	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
38	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
39	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40
40	R12, R25	RES. 1.5K 1/2 W 5%	1300394 40

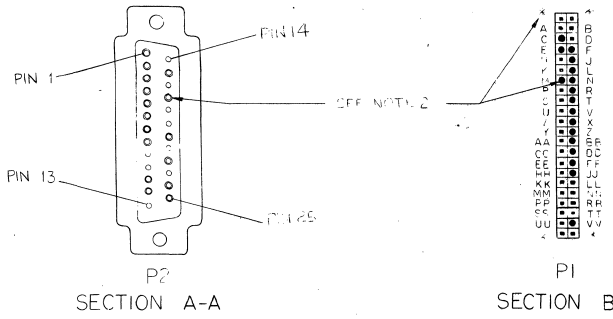
ASYNCHRONOUS DATA CONTROL

866-10-74-1



110-band & above

The 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.

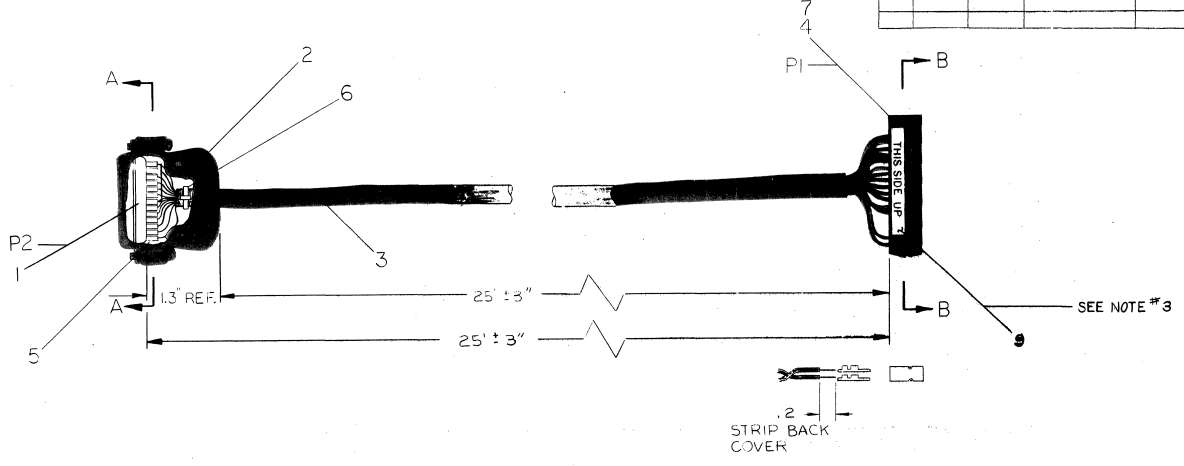


WIRE TABLE

ITEM NO.	DESCRIPTION	COLOR	FROM CONNECTION	WITH CONNECTION	TO CONNECTION	WITH CONNECTION
3	22	BLK	PI-VV	CRIMP	P2-7	SOLD.
		GRN/WHT	PI-CV		P2-25	
		GRN/BLK	PI-JJ		P2-12	
		ORN/BLK	PI-FF		P2-11	
		RED	PI-DD		P2-20	
		GRN	PI-BB		P2-8	
		BLU/WHT	PI-Z		P2-6	
		ORN	PI-X		P2-22	
		BLU	PI-V		P2-4	
		WHT	PI-T		P2-5	
		BLU/BLK	PI-R		P2-17	
		BLK/WHT	PI-N		P2-15	
		RED/WHT	PI-L		P2-24	
		WHT/BLK	PI-J		P2-3	
3		RED/BLK	PI-F		P2-2	SOLD.
8		BLK	PI-E	CRIMP	PI-M	CRIMP
8	22	BLK	P2-I	SOLD.	P2-7	SOLD.

NOTES:

- EACH SOLDERED CONN. ON P2 SHALL BE INSULATED WITH A 1/4" PIECE OF HY-SHRINK TUBING (ITEM #5).
- INDICATES PINS USED ON P1 (BERG CONN) * INDICATES PINS USED ON P2 (CINCH PLUG) * DENOTES CAVITIES NOT USED OR DESIGNATED BY LETTER ON P1 (BERG CONN)
- PLACE ITEM #9 ("THIS SIDE UP" STICKER) ON LETTERED SIDE OF ITEM #4 (BERG HOUSING) AS SHOWN.



QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	LABEL, THIS SIDE UP	3611567	9
A/R	WIRE #22 AWG STROD TEF BLK	9107350-0-0	8
17	SOCKET CRIMP #47216	1210089-07	7
1	TIE WRAP, PANDUIT #SST-1B	9007031	6
16	TUBING, HEAT SHRINK 1/8	9107255	5
1	HOUSING #20383 BERG	1210090-0	4
A/R	CABLE, BELDON 15 CONN.	9107672	3
1	HOOD, PLUG CINCH #DB-25P	1205885	2
1	PLUG, CINCH #DB-25P	1205886	1

REVISIONS

CHK	CHANGE NO.	REV.
	BC01V-00001	A
	BC01V-00002	B
	BC01V-00003	C

FIRST USED ON OPTION / MODEL
PDP8/E

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
DECIMALS TO 3 DIGITS
FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS

digital EQUIPMENT CORPORATION

CABLE ASSY (BC01V)

SIZE CODE: DUA NUMBER: BC01V-25-0