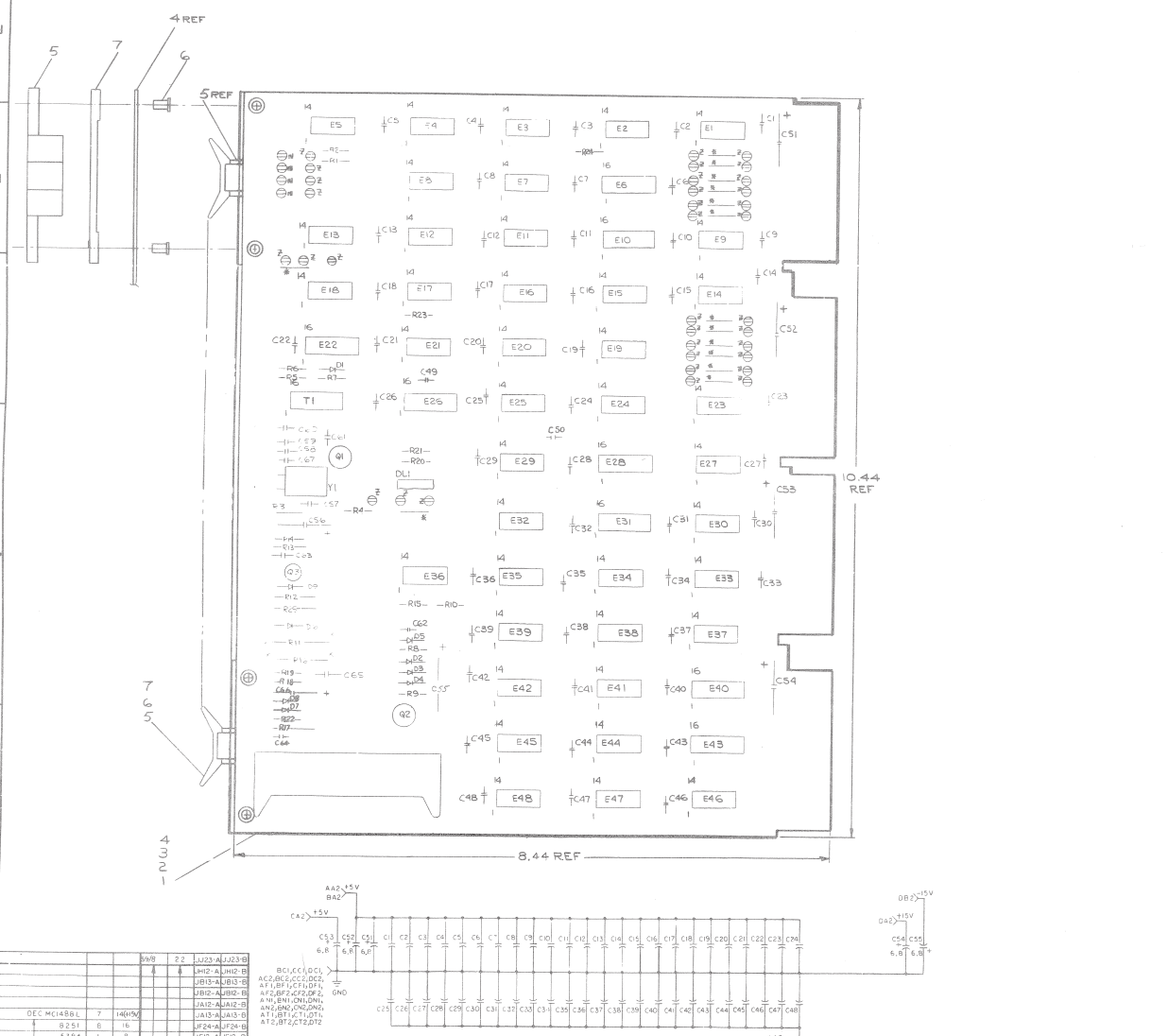


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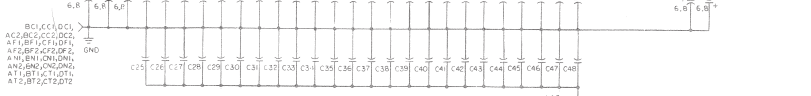
NOTES:

- A: SPLIT LUSS
 - B: MACHINE INSERTED JUMPER
 - C: 40 PIN HEADER CONNECTION
- DATA IS DVI - OMNIBUS CONNECTION
- PIN F IS EIA TRANSMITTED DATA:
 - +6V OR MORE = SPACE = 0
 - +6V 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).
- THIS DRAWING FOLLOWS DEC STANDARD 056 LOGIC SYMBOLS.
- FLIP-FLOPS ARE NAMED FOR THE CONDITION THEY REPRESENT IN THE '1' STATE. THE FOLLOWING FIGURES APPLY:
 - IF 'D' SHOWN THUS '1' STATE = Q STATE
 - IF 'D' SHOWN THUS '1' STATE = Q-BAR 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.
- WAVEFORM AT TEST POINT #6 FOR RECEPTION OF 'A' (ASCII 01)
 - *5
 - START 1 0 0 0 0 1 1 STOP STOP
- UNLESS OTHERWISE NOTED:
 - RESISTORS: 1K 1/4W 5%
 - CAPACITORS: .01 1/4 100V 20%
 - DIODES: 1D664

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	QTY
2	R12, R26	RES. 1.5K 1/4W 5%	1300394	60
2	R28	RES. 22K 1/4W 5%	1300477	24
1	R29	RES. 22K 1/4W 5%	1300477	24
3	E1, E2, E3, E20, E24	I.C. DEC 6380	1810398	27
4	E4, E5, E23, E37	I.C. DEC 9740	1808873	56
9	E8, E47, E48, E49, E50, E58, E44	I.C. DEC 7474	1905547	53
3	E5, E13, E18	I.C. DEC 7493	1909024	54
16	E16, E26, E28, E31	I.C. DEC 8471	1909615	58
2	E9, E11	I.C. DEC 5144	1910391	52
3	E11, E45, E47	I.C. DEC 7402	1909024	54
1	E10, E11, E44	I.C. DEC 7400	1909025	55
1	E17	I.C. MC1489, EIA RECEIVER	1910323	49
1	E19	I.C. DEC 7410	1909373	45
2	E21, E42	I.C. DEC 7404	1909376	46
1	E22	I.C. DEC 7419B	1910078	44
1	E24	I.C. DEC 7415	1909373	45
2	E25, E33	I.C. DEC 7450	1905580	44
1	E34	I.C. MC1488, EIA DRIVER	1910322	43
1	E34, E36	I.C. DEC 5384	1910394	44
2	E40, E43	I.C. DEC 8251	1909594	41
1	E35	I.C. DEC 7440	1909026	40
2	C1-C50, C62, C64	CAP. .01 1/4 100V 20% DISC	1001010	35
2	C51, C56	CAP. 5.8ME 35V 20% TANT	1002387	36
2	C57, C61	CAP. .047ME DISC	1002678	37
1	C58	CAP. 33PF	1002009	34
1	C59	CAP. 100PF	1002016	34
1	C60	CAP. 58PF	1002016	34
1	C63	CAP. 100PF 100V DISC	1002008	34
2	C65, C67	CAP. 10 1/4 100V 5% TANT	1002008	34
1	C68	CAP. 47ME 35V TANT	1002396	34
1	C69	DIODE 1N963	1100173	30
1	D2, D5	DIODE D664	1100114	28
2	R1, R18, R20	RES. 22K 1/4W 5%	1300271	24
1	R2	RES. 750 1/4W 5%	1301401	27
1	R3, R19	RES. 10K 1/4W 5%	1302479	26
2	R5, R18	RES. 3.3K 1/4W 5%	1302499	26
4	R6, R13, R24	RES. 470 1/4W 5%	1300316	24
1	R8	RES. 120 1/4W 5%	1300250	28
2	R10, R15	RES. 1K 1/4W 5%	1300365	24
2	R14, R16	RES. 750 1/4W 5%	1302395	27
1	R17	RES. 1.5K 1/4W 5%	1302395	27
1	R21	RES. 330 1/4W 5%	1300293	19
1	R23	RES. 30K 1/4W 5%	1300293	19
1	R25	RES. 180 1/4W 5%	1301332	17
1	R27	RES. 560 1/4W 5%	1300338	18
1	Q1	TRANSISTOR DEC 500PB	503338	15
2	Q2, Q3	TRANSISTOR DEC 6534D	1503409	14
1	T1	TRANS. 8010	1805528	11
1	DL1	DELAY LINE 30 NANOSEC	1605528	12
1	Y1	CRYSTAL 18.4501 MHE	1805528	11
3	X1	LUSS SPLIT CONNECTOR 40 PIN	9006735	0
1	W1	WIRE STRAPS SOLID BUS	1805941	0
1	Z1	SPACER (CABLE CLAMP)	1802704	7
1	ST1	STEEL 63811 STAINLESS	1800470	0
1	H1	HANDLE FLIP SWIP-MARANTA	8083370	2
1	H2	HANDLE FLIP SWIP-MARANTA	8083370	2
1	REF	ETCHED CIRCUIT BOARD	8003944	4
1	REF	MODULAR POSITION MOUNT	8003944	4
1	REF	ASSY/DRILLING HOLE LAYOUT	8003944	4
1	REF	BY COORDINATE HOLE LOC.	8003944	4

IC TYPE	QTY	REV	DATE	BY	CHKD
DEC MC1488L	7	14015			
6251	8	16			
5364	1	8			
74193	8	16			
5314	1	8			
8271	8	16			
5013-AL03-B	1	5			
DEC 5380	1	8			

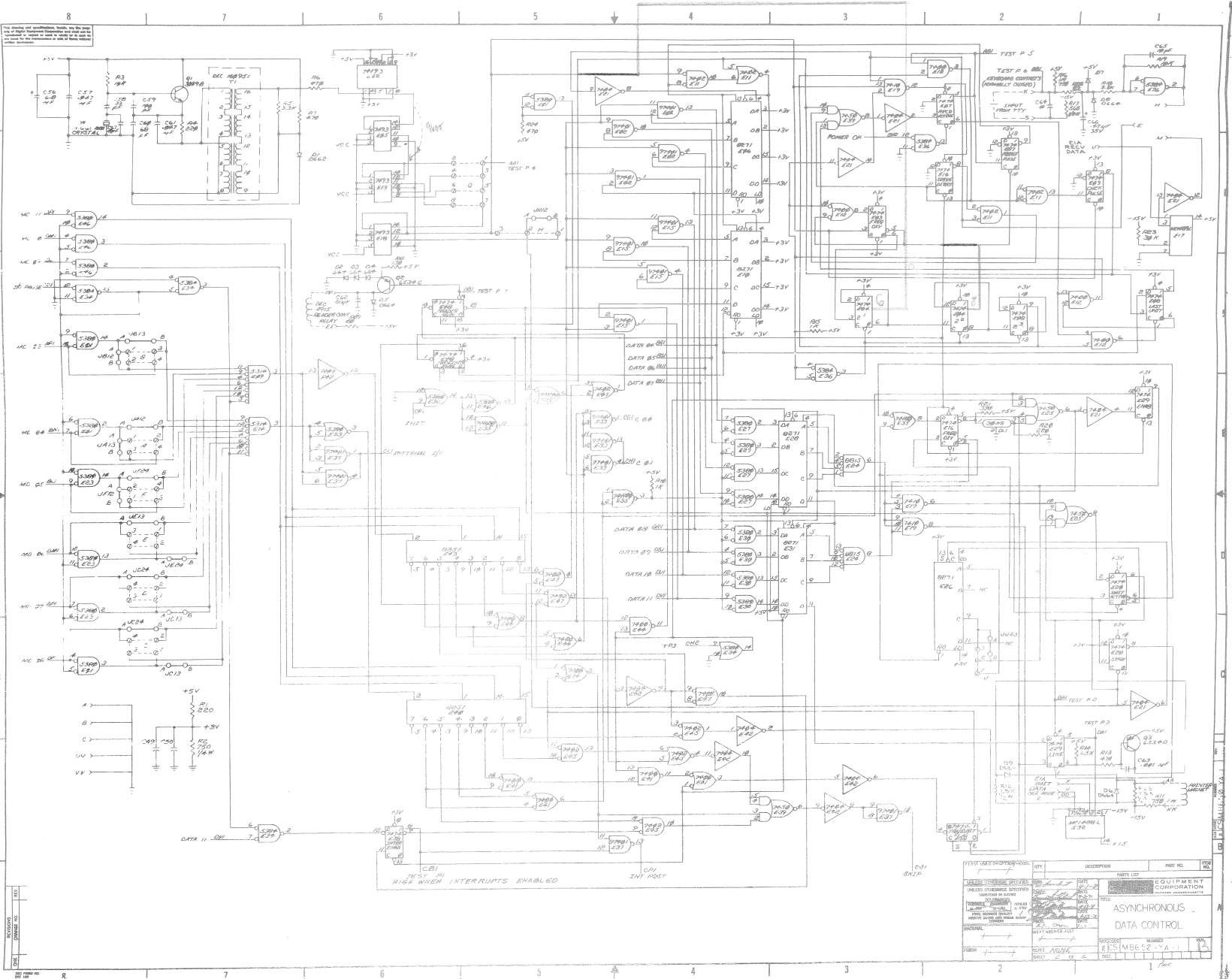
IC PIN LOCATIONS: JUMPER LIST



ORGANIZED BY	DATE	REVISION	DESCRIPTION
203340	05/65	1	ASYNCHRONOUS DATA CONTROL
203098	2/14/66	2	
664	1/30/66	3	
662	1/8/65	4	

ETCH BOARD REV	IC	DATE	BY	CHKD
DEC NO.	EIA NO.	DEC NO.	EIA NO.	

SEARCH/CONNECTOR CONNECTION CHART



REV	DESCRIPTION	PARTS LIST	PART NO.	ITEM NO.
1	ASYNCHRONOUS DATA CONTROL			
2				
3				
4				
5				
6				
7				
8				