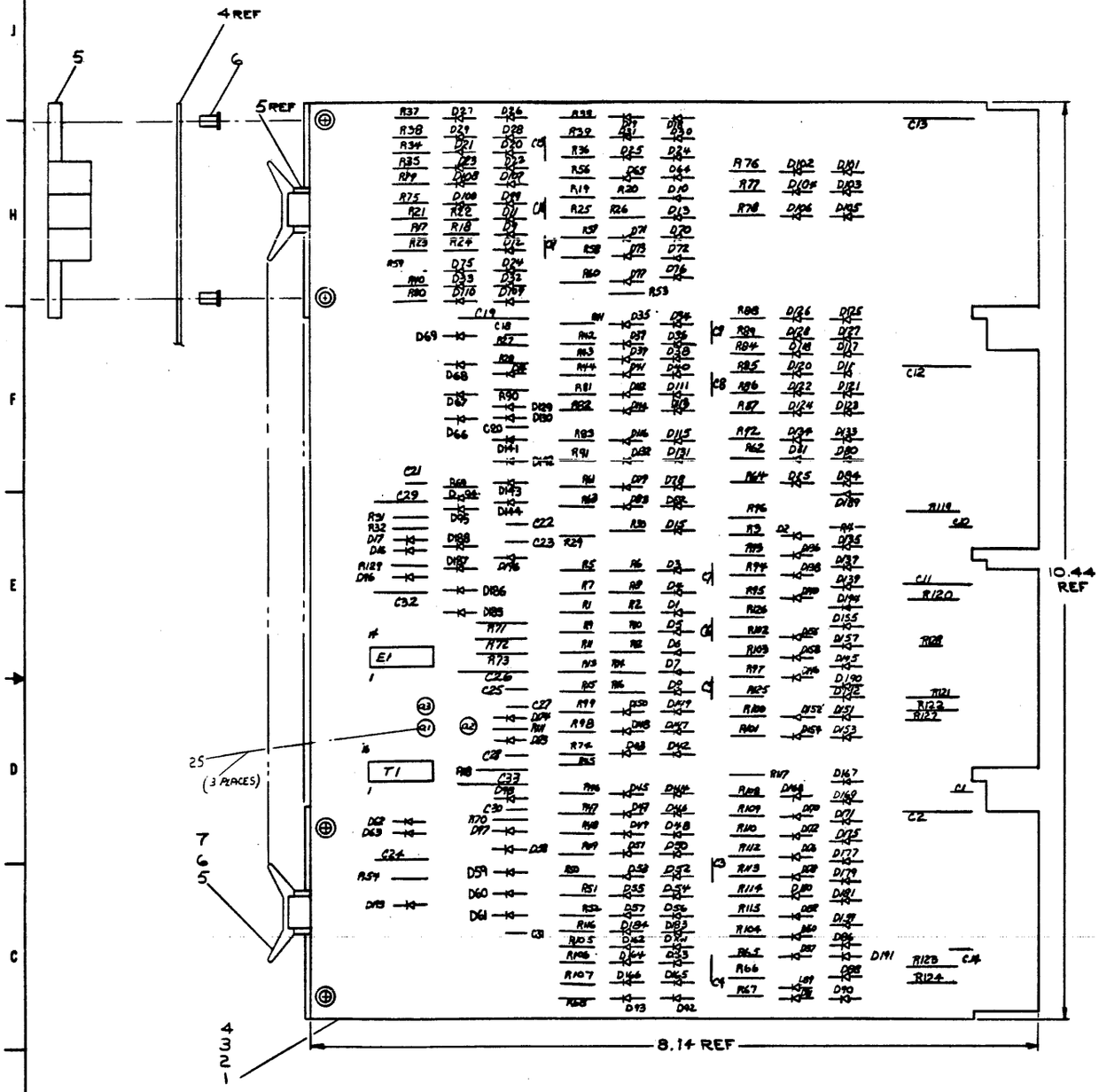


NOTES:

1. UNLESS OTHERWISE SPECIFIED:
   CAPACITORS = .047UF 16V 15-20%
   RESISTORS = 150Ω 1/4W 5%
   DIODES = D664
2. CONNECT ALL PINS C,F,N,T (EXCEPT AC1) TOGETHER TO GROUND.
3. ITEM NO 8 (D664) MAY BE REPLACED WITH D600 P.N. 1105366 (REV C ONLY).
4. INSTALL ITEM 25 (TUBING) ON BASE LEAD OF EACH 2N3725.
5. ANY COLOR TUBING MAY BE USED FOR ITEM 25.

A/R					
A/R		TUBING, 22 AWG	9107256-11	25	
3		TRANS 2N3725	1510959	24	
12	R57-R68	RES 1K 1/4 W 5%	1300365	23	
144		GRIPLET	1212249-0	22	
3	C28, C29, C32	CAP 330PF 100V 5%	1000023	21	
7	C2, C11, C12, C13, C19, C26, C33	CAP 6.8UF 35V 20%	1000061	20	
23	C1, C3-C10, C14-C18, C20-C25, C27, C31, C34, C30, C31	CAP .047UF 16V 15-20%	1009678	19	
1	E1	IC DEC 9601	1150198	18	
1	T1	PULSE XFMR BIDIRECTIONAL	1609657	17	
1	Q1	TRANS DEC 9008	1510015	16	
6	R119-R124	RES 1K 1/2W 10%	1302137	15	
4	R71-R75, R118	RES 1.2K 1/2W 10%	1300387	14	
46	R33, R69, R74-R117,	RES 1500 1/4W 5%	1300391	13	
40	R3, R4, R6, R8, R10, R12, R14, R16, R18, R20, R22, R24, R26, R28, R30, R32-R57, R58, R70, R147, R148	RES 470 1/4W 10%	1300311	12	
20	R1, R5, R7, R9, R11, R13, R15, R17, R19, R21, R23, R25, R27, R29, R31, R59, R145, R146, R126	RES 150 1/4W 5%	1300250	11	
2	D17, D87	DIODE D672	1105275	10	
16	D58-D61, D66-D69, D91-D99, D85-D86	DIODE D662	1100113	9	
SEE NOTE 3 — 177	D1-D16, D62-D65, D70-D84, D87-D90, D100-D106, D108-D116, D118-D126	DIODE D664	1100114	8	
8		SPACER CABLE 6-CAVITY	1007705	7	
8		EYELET	9006730	6	
4		HANDLE FLIP CHIP-MAGENTA	9008317-00	5	
1		ETCHED CIRCUIT BOARD	3009486	4	
REV		MODULE HISTORY LIST	B-MH-M8320-0-0	3	
REV		ASSY/DRILLING HOLE LAYOUT	D-AH-M8320-0-0	2	
REV		X-Y COORDINATE HOLE LOC.	K-CO-M8320-0-0	1	
QTY.	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.	

PARTS LIST

ETCH BOARD REV D

DEC 9008	⟷			
D664	1N3604			
D672	1N3653			
D662	1N685			
DEC NO.	EIA NO.	DEC NO.	EIA NO.	

SEMICONDUCTOR CONVERSION CHART

IC TYPE	GND	+5V

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE

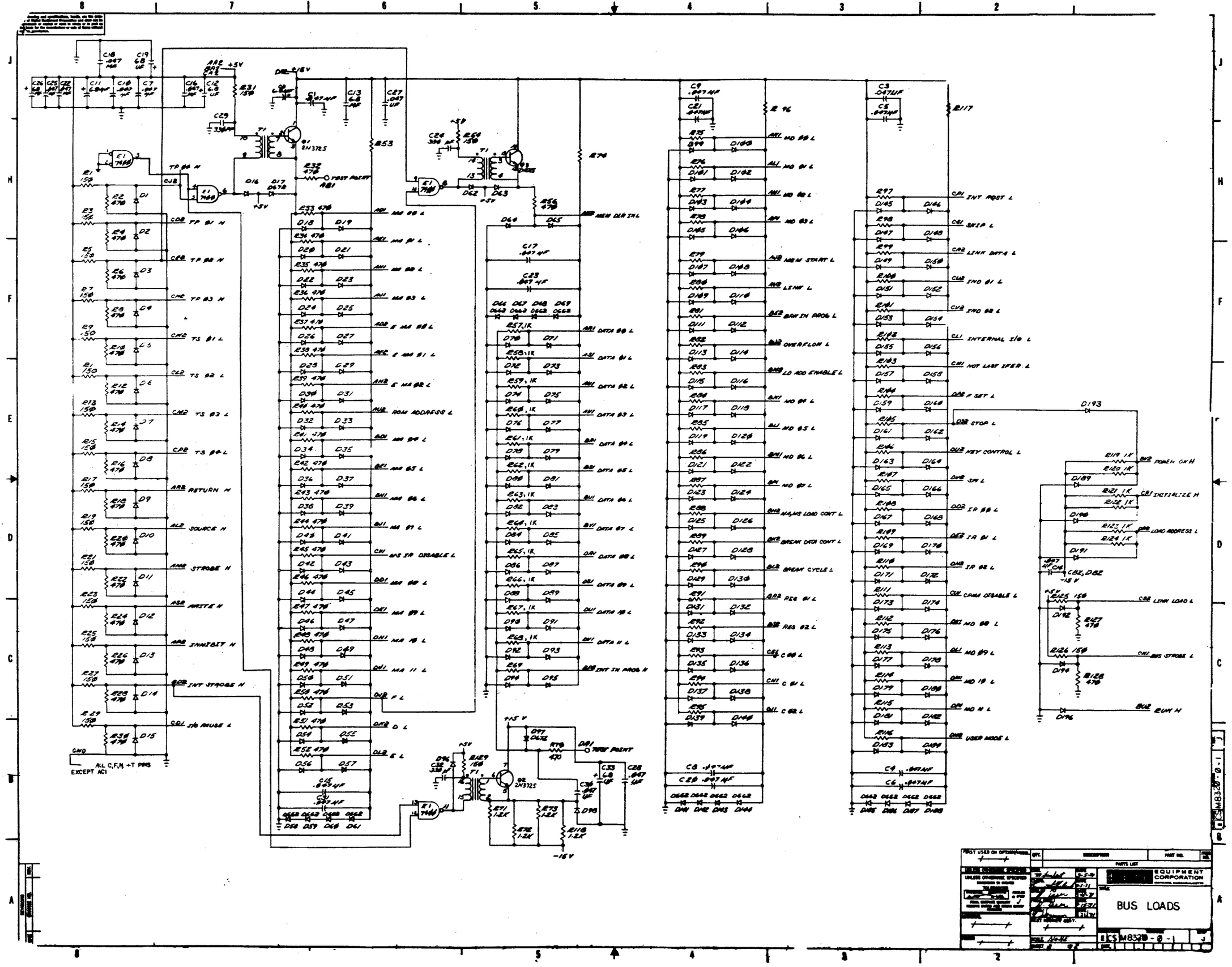
IC PIN LOCATIONS

ITEM NO	WIRE	FROM PT	TO PT

JUMPER LIST

DRAWN	L. KLOTZ	9-27-71	EQUIPMENT CORPORATION	
TRACED				
DESIGNED			TITLE	BUS LOADS
ENGINEER				
APPROVED				
CUSTOMER APPROVAL			C-UA-KK8-E-0	
DEC NO.			SCALE 2/1	E CS M8320-0-1 J
			SHEET 1 OF 2	

M8320-0-1 REV J



BUS LOADS
EQUIPMENT CORPORATION
CS M8320-0-1
PARTS LIST
ALL C,F,N +T PINS EXCEPT AC1
GND
TEST POINT
+5V
-15V