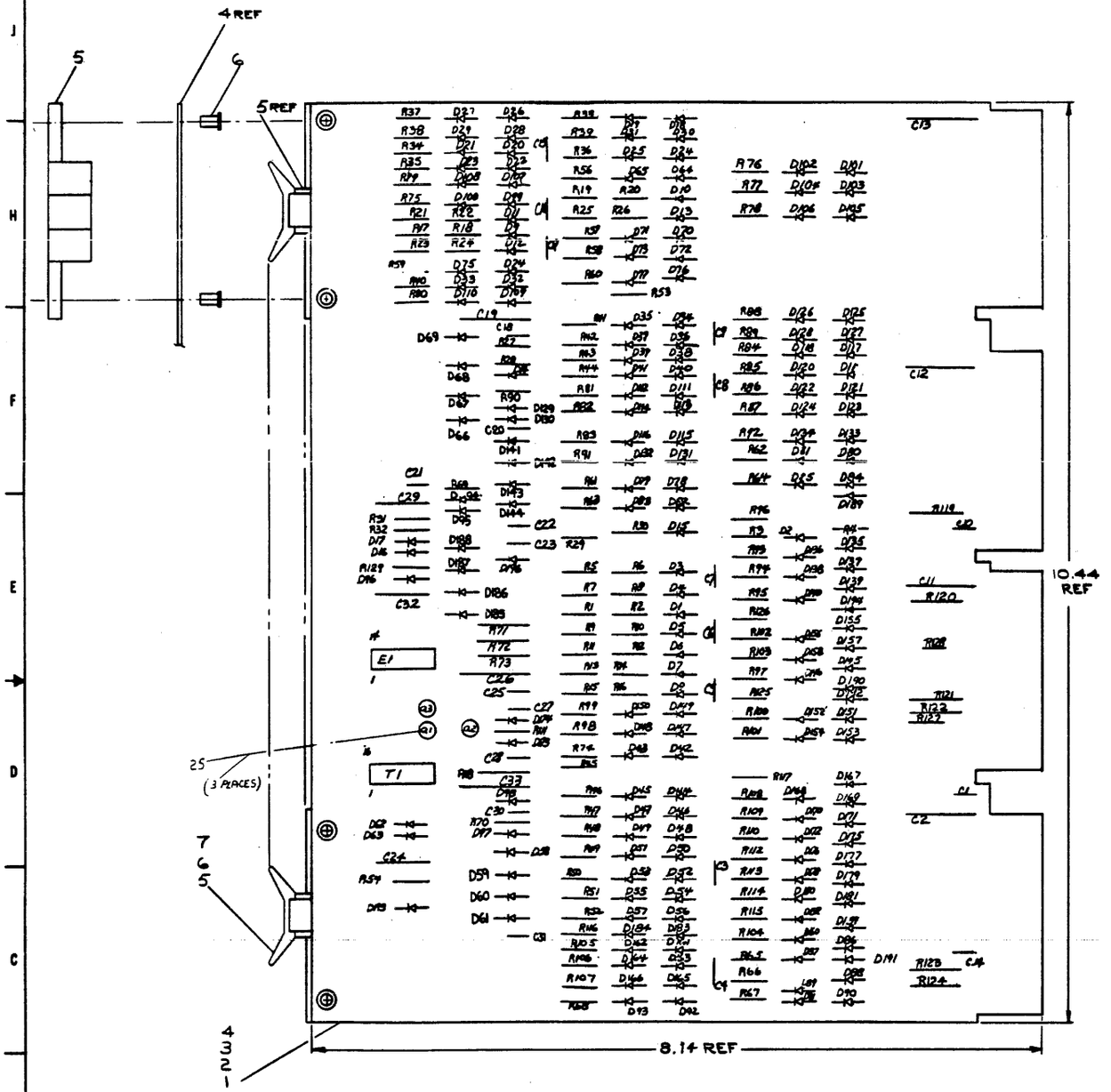


NOTES:

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.

QTY.	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
AR		TUBING, 22 AWG	9107256-11	25
3		TRANS 2N3725	1510959	24
12	R57-R68	RES 1K 1/4 W 5%	1300365	23
AR		GRIPLET	1212249-0	22
3	C24, C29, C32	CAP 330PF 100V 5%	1000023	21
7	C2, C11, C12, C13, C19, C26, C33	CAP 6.8UF 35V 20%	1000061	20
25	C1, C3-C10, C14-C18, C20-C23, C25, C27, C28, C30, C31	CAP .047UF 16V 15-20%	1009678	19
1	E1	IC DEC 9601	1350978	18
1	T1	PULSE XFMR 8010 DUAL IN LINE	1609657	17
1	Q1	TRANS DEC 4008	1510015	16
6	R119-R124	RES 1K 1/2W 10%	1302137	15
4	R71-R73, R118	RES 1.2K 1/2W 10%	1300387	14
46	R33, R69, R74-R117	RES 1500 1/4W 5%	1300391	13
40	R22, R24, R26, R28, R40, R42, R44, R46, R48, R50, R52, R54, R56, R58, R60, R62, R64, R66, R68, R70, R72, R128	RES 470 1/4W 10%	1300314	12
20	R21, R23, R25, R27, R29, R31, R13, R15, R17, R19, R21, R23, R25, R27, R29, R31, R54, R165, R169, R126	RES 150 1/4W 5%	1300250	11
2	D17, D47	DIODE D672	1105275	10
16	D58-D61, D66-D69, D141-D144, D183-D186	DIODE D662	1100113	9
177	D1-D16, D18-D57, D62-D65, D70-D96, D98-D140, D145-D182, D187-D196	DIODE D664	1100114	8
[illegible]		[illegible]	[illegible]	7
8		EYELET	9006730	6
4		HANDLE FLIP CHIP-MAGENTA	9008337-06	5
1		ETCHED CIRCUIT BOARD	3009486	4
REF		MODULE HISTORY LIST	B-MH-M832D-0-1	3
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M832D-0-1	2
REF		X-Y COORDINATE HOLE LOC.	K-CO-M832D-0-1	1

PARTS LIST

SEE NOTE 3

ETCH BOARD REV D

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

DEC 4008			
D664	1113604		
D672	1113653		
D662	1113685		
DEC NO.	EIA NO.	DEC NO.	EIA NO.

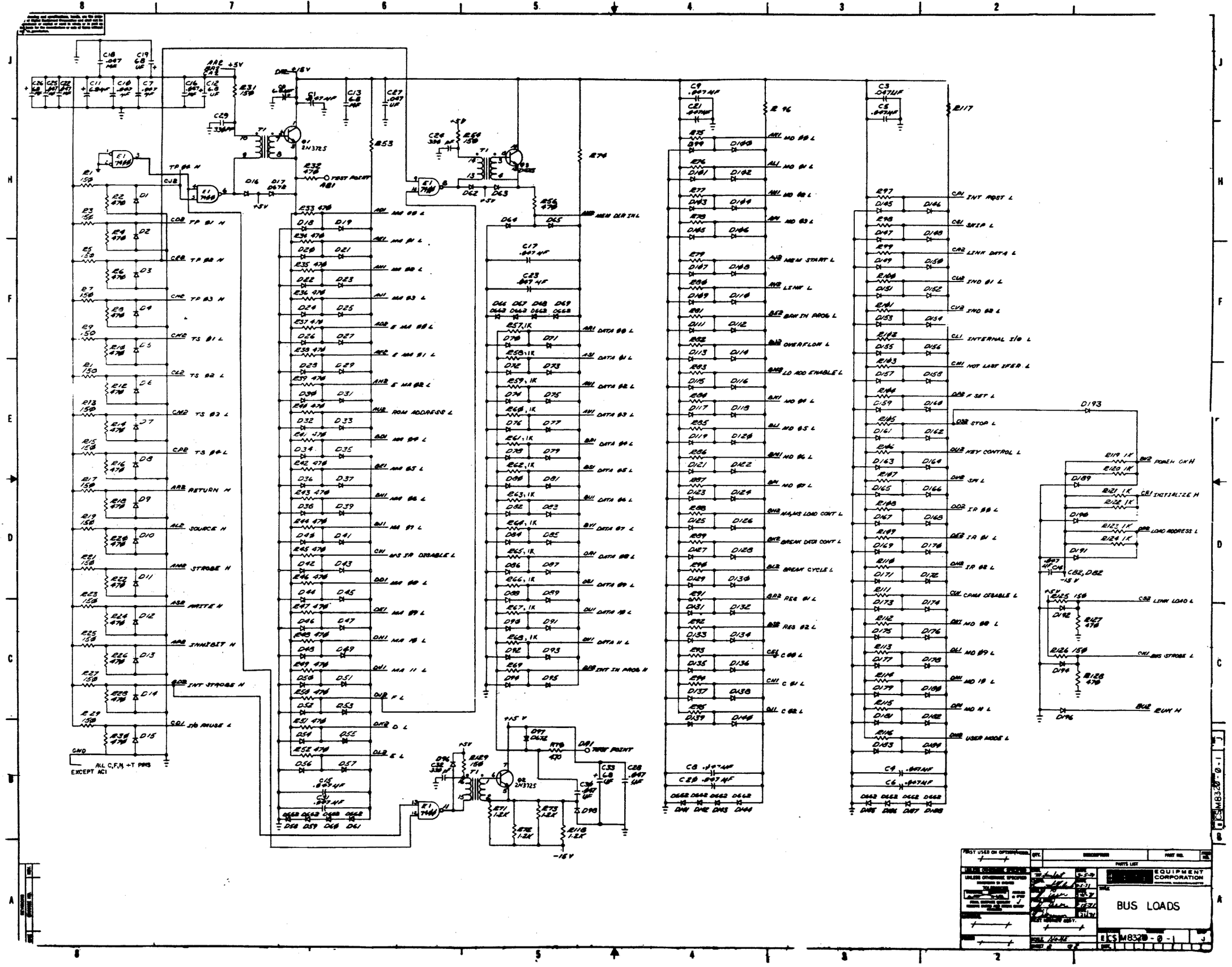
SEMICONDUCTOR CONVERSION CHART

DRAWN 9-3-71
CHECKED
APPROVED
MATERIAL
FINISH
DIMENSIONS
TOLERANCE
DO NOT SCALE DRAWING
D-UA-KK8-E-0
SCALE 2/1
SHEET 1 OF 2

EQUIPMENT CORPORATION

TITLE BUS LOADS

ECS M832D-0-1 J


BUS LOADS
EQUIPMENT CORPORATION
ECS M8320-0-1
PARTS LIST
ALL C,F,N +T PINS EXCEPT AC1
GND
TP 00 N
TP 01 N
TP 02 N
TP 03 N
TS 01 L
TS 02 L
TS 03 L
TS 00 L
RETURN H
SOURCE H
STROBE H
WRITE H
INHIBIT H
INT STROBE H
I/O PAUSE L
MEM DIR INL
MEM START L
LINK L
BRK IN PROG L
OVERFLOW L
LD ADD ENABLE L
STOP L
KEY CONTROL L
SPI L
IR 00 L
IR 01 L
IR 02 L
CPMA DISABLE L
USER MODE L
INT MAST L
SKIP L
LINK DATA L
IND 01 L
IND 02 L
INTERNAL I/O L
NOT LAST IFER L
F SET L
POWER ON H
INITIALIZE H
LOAD ADDRESS L
LINK LOAD L
BUS STROBE L
RUN H
ROM ADDRESS L
NAMS LOAD CONT L
BREAK DATA CONT L
BREAK CYCLE L
INT IN PROG H
TEST POINT