

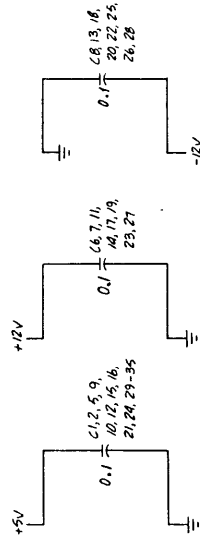
INTERCONNECTS	3
1	OV
2	DOT H
3	DOB H
4	DO5 H
5	DOB H
6	DO3 H
7	DOT H
8	DOI H
9	DOO H
10	A00 H
11	A01 H
12	WR H
13	CEU L
14	CA03 H
15	A02 H
16	CA00 H
17	CA01 H
18	CA02 H
19	RA1 H
20	OV
21	OV
22	CODE 2 L
23	WADR MOD L
24	OV
25	MCUR L
26	CLR L
27	DAO
28	DA1
29	DA2
30	3 MCK
31	OV
32	OV
33	OV
34	+5V
35	OV
36	OV
37	-12V
38	+12V

J1 THRU J8	5,6
1	PROTECTIVE GROUND
2	TRANSMIT DATA
3	RECEIVE DATA
4	REQUEST TO SEND
5	CLEAR TO SEND
6	DATA SET READY
7	SIGNAL GROUND
8	CARRIER DETECT
9	OV
10	A00 H
11	A01 H
12	SECONDARY CARRIER DETECT
13	OV
14	OV
15	OV
16	OV
17	CA01 H
18	CA02 H
19	SECONDARY REQUEST TO SEND
20	DATA TERMINAL READY
21	OV
22	RA4
23	DATA SIGNAL RATE SELECTOR
24	OV
25	OTHER RX

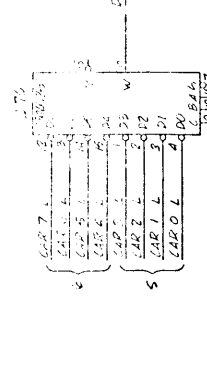
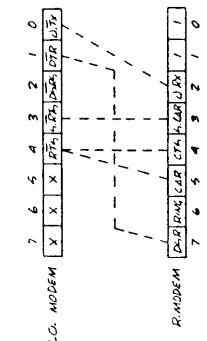
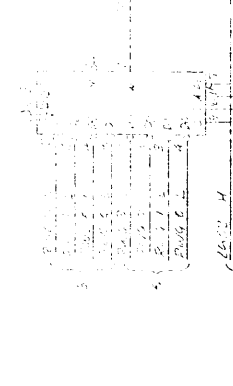
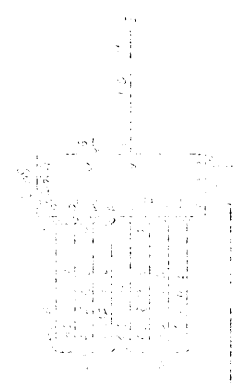
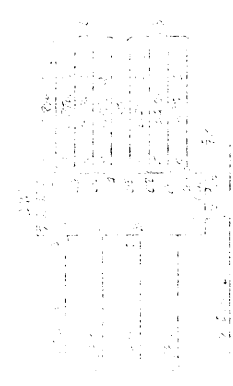
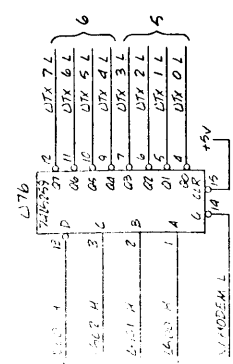
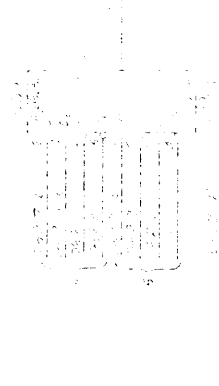
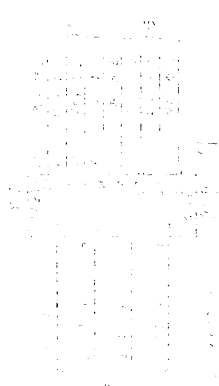
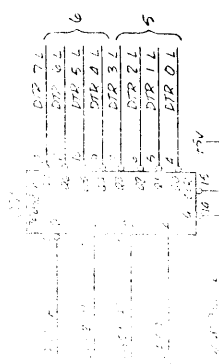
LMT REFERENCE DESIGNATION USED	C 35
CAPACITOR	J8
CONDUCTOR	CR 3
DIODE	U 7B
INTEGRATED CIRCUIT	D
JUMPER	LED B
LED (DIODE)	R 90
RESISTOR	RM 2
RESISTOR MODULE	RM 2
SWITCH	SW 2

REFERENCE DESIGNATION	QTY	UNIT	PART NUMBER
U 4	4 / 6		74LS04
U 5	2 / 4		74LS08

NOTES: UNLESS OTHERWISE SPECIFIED.
 1. CAPACITANCE VALUES ARE IN MICROFARADS.
 2. RESISTANCE VALUES ARE IN OHMS, UNLESS OTHERWISE SPECIFIED.
 3. \square DENOTES INTERCONNECT P.W.



SHEET 6	CHANNEL 4 THRU 7 INTERFACE
SHEET 5	CHANNEL 0 THRU 3 INTERFACE
SHEET 4	MODEM CONTROL SIGNAL MULTIPLEXING
SHEET 3	DATA
SHEET 2	ADAPTER PANEL ADDRESSING LOGIC / ADAPTER TYPE LOGIC MULTIPLEXING / ADAPTER PANEL ADDRESSING
THIS DRAWING CONTAINS INFORMATION OF A CONFIDENTIAL NATURE. IT IS TO BE KEPT SECRET AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ASSISTANT SECRETARY OF THE ARMY.	
DATE	11-11-78
BY	3111-200
SCALE	AS SHOWN
DESIGNED BY	[Signature]
CHECKED BY	[Signature]
ENGINEER	[Signature]
APPROVED	[Signature]
DRAWN	C. PLATT
CHECKED	[Signature]
SCALE	AS SHOWN
TITLE	SCHEMATIC DIAGRAM - C032 ADAPTER
EMULIX CORPORATION	COSTA MESA, CALIF.
DRAWING NO.	C032/0603
REVISION NO.	A
WORK ORDER NO.	
SHEET	1
OF	6



MODEM IS THE SAME AS THE OTHER

CHANNEL 4 INTERFACE

CHANNEL 5 INTERFACE

CHANNEL 6 INTERFACE

CHANNEL 7 INTERFACE

CHANNEL 8 INTERFACE

CHANNEL 9 INTERFACE

CHANNEL 10 INTERFACE

CHANNEL 11 INTERFACE

CHANNEL 12 INTERFACE

CHANNEL 13 INTERFACE

CHANNEL 14 INTERFACE

CHANNEL 15 INTERFACE

CHANNEL 16 INTERFACE

