

ZONE		LTR		REVISIONS		DATE	APPROVED
				DESCRIPTION			

J1
25-PIN D CONNECTOR (FEMALE)
PARALLEL/IEEE 488
INTERFACE

PIN NO.	SIGNAL
1	SERVICE REQUEST (SRQ)
2	ATTENTION (ATN)
3	INTERFACE CLEAR (IFC)
4	NOT READY FOR DATA (NRFD)
5	DATA INPUT/OUTPUT (DIO7)
6	(DIO6)
7	(DIO5)
8	(DIO4)
9	(DIO3)
10	(DIO2)
11	(DIO1)
12	DATA INPUT/OUTPUT (DIO0)
13	(NOT USED)
14	DATA VALID (DAV)
15	REMOTE ENABLE (REN)
16	NOT DATA ACCEPTED (NDAc)
17	END OR IDENTIFY (EOI)
18	GROUND
19	
20	
21	
22	
23	
24	
25	GROUND

J2
25-PIN D CONNECTOR (FEMALE)
EIA RS 232
COMMUNICATIONS
PORT

PIN NO.	SIGNAL
1	GROUND
2	TRANSMIT DATA (TXD) OUTPUT
3	RECEIVED DATA (RXD) INPUT
4	REQUEST TO SEND (RTS) OUTPUT
5	CLEAR TO SEND (CTS) INPUT
6	DATA SET READY (DSR) INPUT
7	GROUND
8	N/U
9	N/U
10	N/U
11	+12V OUTPUT *
12	+12V OUTPUT *
13	-12V OUTPUT *
14	+5V OUTPUT *
15	EXTERNAL TRANSMIT CLOCK (TXC) INPUT
16	16X TTL CLOCK *
17	EXTERNAL RECEIVE CLOCK (RXC) INPUT
18	-12V OUTPUT *
19	+5V OUTPUT *
20	DATA TERMINAL READY (DTR) OUTPUT
21	AUDIO SIGNAL IN FROM TAC-212 + MODEM
22	N/U (NOT USED)
23	N/U
24	N/U
25	N/U

* TO TAC-212+/EX MODEM

J3
25 PIN D CONNECTOR (FEMALE)
SERIAL RS232
PRINTER PORT AND
8-BIT TTL PARALLEL PORT

PIN NO.	SIGNAL
1	GROUND
2	TRANSMIT DATA OUTPUT TO PRINTER
3	RECEIVE DATA INPUT FROM PRINTER
4	REQUEST TO SEND OUTPUT TO PRINTER
5	CLEAR TO SEND INPUT FROM PRINTER
6	N/U (NOT USED)
7	GROUND
8	N/U (NOT USED)
9	GROUND
10	GROUND
11	GROUND
12	GROUND
13	+5V
14	GROUND
15	GROUND
16	CB2 PARALLEL PORT
17	CB1
18	PB7
19	PB6
20	PB5
21	PB4
22	PB3
23	PB2
24	PB1
25	PB0 PARALLEL PORT

P4
16 POSITION PANDUIT
CRT AND POWER SUPPLY

PIN NO.	SIGNAL
1	+12V #1 (DISK DRIVES) FROM POWER SUPPLY
2	+5V
3	+5V
4	GROUND
5	GROUND
6	GROUND
7	-12V
8	+12V #2 FROM POWER SUPPLY
9	+12V TO CRT
10	GROUND
11	NO CONNECTION
12	GROUND
13	HORIZ.
14	GROUND
15	VERT.
16	VIDEO TO CRT

P9
2 X 17 BERG
FLOPPY DISK
INTERFACE

PIN NO.	SIGNAL
1	GROUND
2	(NO CONNECTION)
3	GROUND
4	(NO CONNECTION)
5	GROUND
6	DRIVE SELECT 3
7	GROUND
8	INDEX PULSE
9	GROUND
10	DRIVE SELECT 0
11	GROUND
12	DRIVE SELECT 1
13	GROUND
14	DRIVE SELECT 2
15	GROUND
16	MOTOR ON
17	GROUND
18	DIRECTION
19	GROUND
20	STEP
21	GROUND
22	WRITE DATA
23	GROUND
24	WRITE GATE
25	GROUND
26	TRACK 00
27	GROUND
28	WRITE PROTECT
29	GROUND
30	RAW READ DATA
31	GROUND
32	SIDE SELECT
33	GROUND
34	NO CONNECTION

J12
14-PIN I.C. SOCKET
MICROBAUD MODEM
INTERFACE
(BUILT-IN VERSION)

PIN NO.	SIGNAL
1	+12V OUT
2	TRANSMIT DATA OUT
3	RECEIVE DATA IN
4	REQUEST TO SEND *
5	-12V OUT
6	+5V OUT
7	GROUND
8	GROUND
9	+5V OUT
10	-12V OUT
11	CLEAR TO SEND *
12	16X TTL CLOCK OUT
13	SPKR OUTPUT
14	+12V OUT

PG
2X4 BERG
EXTERNAL CONTRAST AND
RESET BUTTON

PIN NO.	SIGNAL
1	VIDEO OUT TO POT
2	SAME AS PIN 1
3	VIDEO IN FROM POT
4	SAME AS PIN 3
5	GROUND TO POT
6	GROUND FOR EXT RESET PUNCH BUTTON
7	TO EXT. RESET PUSHBUTTON
8	SAME AS PIN 7

P11
2X4 BERG
EXTERNAL LED BOARD

PIN NO.	SIGNAL
1	+5V
2	NOT USED
3	+5V
4	TO TRANSMIT DATA LED COMM PORT
5	+5V
6	TO RECEIVE DATA LED COMM PORT
7	+5V
8	TO CLEAR TO SEND LED COMM PORT

P5
2X4 BERG
VIDEO OUTPUTS TO OPT.
COMP VIDEO BOARD

PIN NO.	SIGNAL
1	GROUND
2	GROUND
3	HORIZONTAL DRIVE
4	GROUND
5	VERTICAL DRIVE OUT
6	VIDEO DRIVE OUT
7	+5 VOLTS OUT
8	+5 VOLTS OUT

P7
2X2 BERG
FAN

PIN NO.	SIGNAL
1	GROUND (TO FAN RED WIRE)
2	GROUND (TO FAN SHIELD)
3	+12V (TO FAN WHITE WIRE)
4	+12V (NOT USED-KEY)

P8
4 POSITION PANDUIT
FLOPPY DISC POWER

PIN NO.	SIGNAL
1	+5V TO DISC DRIVE
2	GROUND
3	GROUND
4	+12V TO DISC DRIVE

J10
4-POSITION MODULAR JACK
SERIAL KEYBOARD

PIN NO.	SIGNAL
1	GROUND
2	TRANSMIT DATA TO KEYBOARD (TXD)
3	RECEIVE DATA FROM KEYBOARD (RXD)
4	+5V

* INSTALL JUMPER ON MODEM TO CONNECT RTS TO CTS.

QTY REQD	CODE IDENT	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES = .XX = =		CONTRACT NO.	TELECOMMUNICATION EQUIPMENT
MATERIAL		APPROVALS	DATE
FINISH		DRAWN STORAKO, J.	10-21-82
NEXT ASSY USED ON		CHECKED	
APPLICATION		PREP.	
DO NOT SCALE DRAWING		MAT'L. CONT.	
		ENG. MECH.	
		ENG. ELEC.	
		Q.C.	
		RELEASED	
ASSEMBLY LOGIC BOARD CS/FS			REV
D 50338318100166			
SCALE 2X			SHEET 2 OF 2