


# Appendix B Interfaces

## GENERAL

Table B-1 list pin functions for the T1 network connector. Tables B-2 through B-5 show pin connections for the optional PORT connectors.

 **Note**  
*Unused pins have no electrical connection.*

**Table B-1. T1 Network Connector Pin Functions**

RJ48C Pin	Function
1	Network receive ring (R1)
2	Network receive tip (T1)
3	Not used
4	Network transmit (R)
5	Network transmit (T)
6	Not used
7, 8	Ground

**Table B-2. V.35 Pin Functions**

<b>V.35 Connector Pin</b>	<b>V.35 Adapter Pin</b>	<b>Function</b>
1	A	Protective ground
2	P	Transmit data A
3	R	Receive data A
4	C	Request to send
5	D	Clear to send
6	E	Data set ready
7	B	Signal ground
8	F	Receive line signal detect
9-12	--	Not used
13	AA/a	Transmit clock B
14	S	Transmit data B
15	Y	Transmit clock A
16	T	Receive data B
17	V	Receive clock A
18	J	Local loopback
19	X	Receive clock B
20	H	Data terminal ready
21	BB/b	Remote loopback
22	--	Not used
23	W	External transmit clock B
24	U	External transmit clock A
25	K	Test mode

**Table B-3. RS-530/449 Pin Functions**

RS-530 Pin	RS-449 Pin	Function
1	1	Protective ground
2	4	Transmit data A
3	6	Receive data A
4	7	Request to send A
5	9	Clear to send A
6	11	Data set ready A
7	19	Signal ground
8	13	Receive line signal detect A
9	26	Receive clock B
10	31	Receive line signal detect B
11	35	External transmit clock B
12	23	Transmit clock B
13	27	Clear to send B
14	22	Transmit data B
15	5	Transmit clock A
16	24	Receive data B
17	8	Receive clock A
18	10	Local loopback
19	25	Request to send B
20	12	Data terminal ready A
21	14	Remote loopback
22	29	Data set ready B
23	30	Data terminal ready B
24	17	External transmit clock A
25	18	Test mode

**Table B-4. RS-232 Connector Pin Functions**

<b>RS-232 Pin Number</b>	<b>Circuit Function</b>
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	Receive line signal detect
9-14	Not used
15	Transmit clock
16	Not used
17	Receive clock
18	Local loopback
19	Not used
20	Data terminal ready
21	Remote loopback
22-23	Not used
24	External Transmit clock
25	Test mode

**Table B-5. DSX-1 Connector Pin Functions**

<b>Circuit Function</b>	<b>DSX-1 Connector Pin</b>	<b>DSX-1 8-Pin Connector Adapter Pin</b>	<b>DSX-1 15-Pin Connector Adapter Pin</b>
Transmit to DTE (T1)	4	2	3
Transmit to DTE (R1)	17	1	11
Ground (S1)	5	7	4
Receive from DTE (T)	2	5	1
Receive from DTE (R)	15	4	9
Ground (S)	3	8	2

*Interfaces*

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