

## INSTALLATION INSTRUCTIONS

1. Remove the cover plate from the appropriate option slot in the ATLAS 800 Series Base Unit.
2. Slide the Nx T1 HSSI/V-35 Module into the option slot until the module is firmly positioned against the front of the chassis.
3. Secure the thumbscrews at both edges of the module. Tighten with a screwdriver.
4. Connect the cables to the associated device(s).
5. Complete installation of remaining modules and Base Unit as specified in the Installation chapter of the ATLAS 800 Series System Manual.

## SPECIFICATIONS

<b>HSSI Rate:</b>	Up to 11.04 Mbps
<b>V.35 Rate:</b>	Up to 5.52 Mbps
<b>T1 Links:</b>	<p><b>HSSI Interface</b> – 1 to 8 Total T1 Links (in any combination of module T1 interfaces and other T1/T3 modules)</p> <p><b>V.35 Interface</b> – 1 to 4 Total T1 Links (in any combination of module T1 interfaces and other T1/T3 modules)</p>
<b>T1 Line Rate:</b>	1.544 Mbps ± 75 bps
<b>T1 Line Framing:</b>	D4 or ESF per ANSI t1.403 and AT&T TR 54016
<b>T1 Testing:</b>	Line or payload loopback (Local and Remote)
<b>Environmental:</b>	<p>Operating Temperature: 0°C to 50°C</p> <p>Storage Temperature: -40°C to 70°C</p> <p>Relative Humidity: 95% non-condensing</p>
<b>Connectors:</b>	<p>T1 Interfaces: RJ-48C</p> <p>HSSI Interface: 50 pin SCSI-II Female</p>

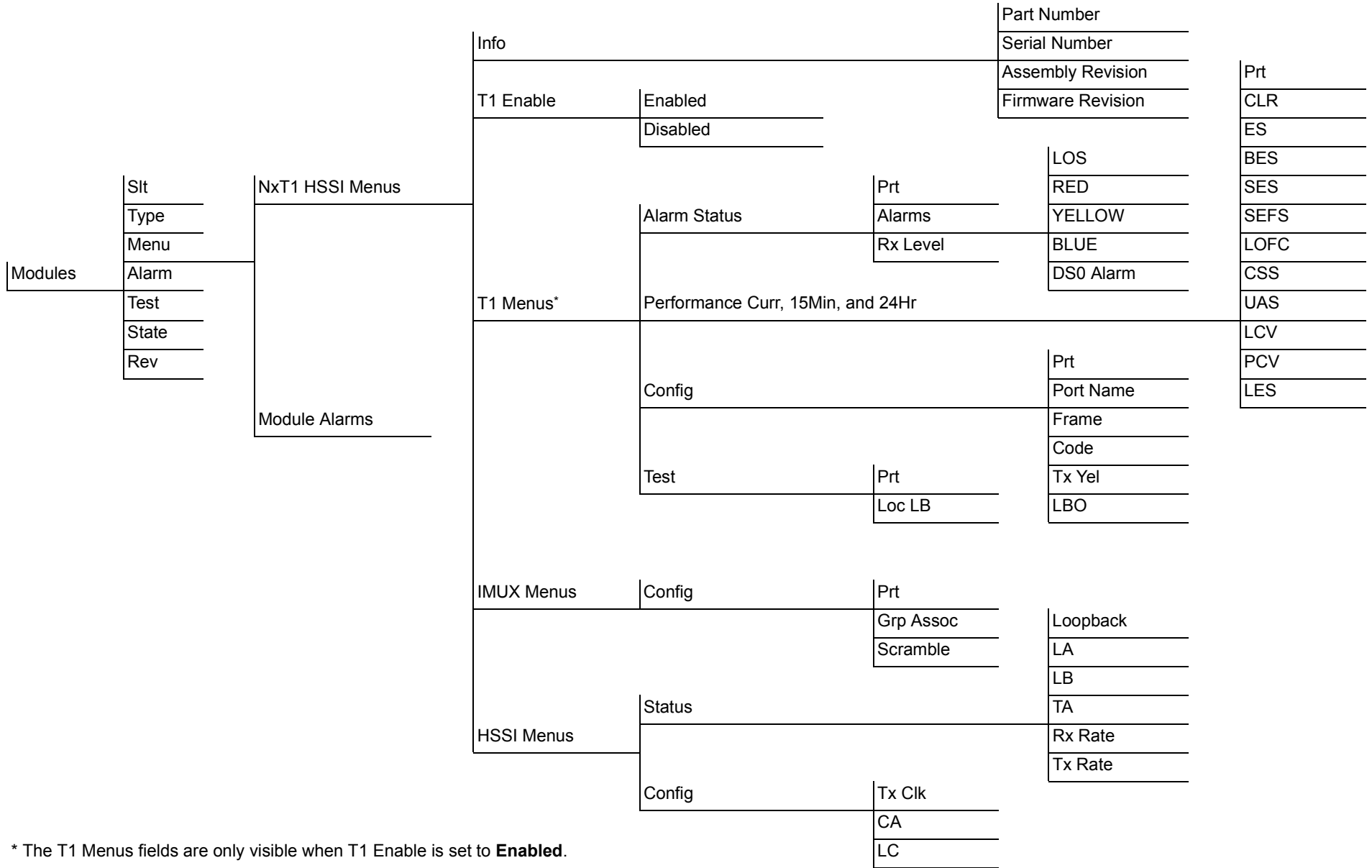
## HSSI/V.35 (SCSI-50) PINOUT

PIN# (+ side)	PIN# (- side)	Direction	Description
1	26	—	HSSI SG - Signal Ground
2	27	O	HSSI RT - Receive Timing
3	28	O	HSSI CA - DCE Available
4	29	O	HSSI RD - Receive Data
5	30	O	HSSI LC - Loopback Circuit C
6	31	O	HSSI ST - Send Timing
7	32	—	HSSI SG - Signal Ground
8	33	I	HSSI TA - DTE Available
9	34	I	HSSI TT - Terminal Timing
10	35	I	HSSI LA - Loopback Circuit A
11	36	I	HSSI SD - Send Data
12	37	I	HSSI LB - Loopback Circuit B
13	38	—	HSSI SG - Signal Ground
—	39	—	Ancillary to DCE (Reserved)
14	—	I	V.35 RTS - Request to Send
15	40	I	V.35 TT Terminal Timing
16	41	I	V.35 SD Send Data
—	42	O	V.35 DCD - Data Carrier Detect
17-18	43	—	Ancillary to DCE (Reserved)
19	44	—	HSSI SG - Signal Ground
20	45	O	V.35 ST - Send Timing
21	46	O	V.35 RT - Receive Timing
22	47	O	V.35 RD - Receive Data
23	—	O	V.35 CTS - Clear to Send
—	48	I	V.35 Ground/Present
24	49	O	HSSI TM - Test Mode
25	50	—	HSSI SG - Signal Ground

## T1 NETWORK CONNECTION PINOUT

Pin	Name	Description
1	R1 RXDATA	Receive data from the network ring
2	T1 RXDATA	Receive data from the network tip
3, 6, 7, 8	Unused	n/a
4	R TXDATA	Send data towards the network ring
5	T TXDATA	Send data towards the network tip

### MENU TREE



\* The T1 Menus fields are only visible when T1 Enable is set to **Enabled**.