

Diagnostic Tests

This appendix lists the following diagnostic tests for the LightStream 2020 multiservice ATM switch (LS2020 switch):

- Network Processor Card Diagnostic Tests
- Cell Line Card Diagnostic Tests
- Packet Line Card Diagnostic Tests
- Low-Speed Line Card Diagnostic Tests
- Medium-Speed Line Card Diagnostic Tests

To run these tests, follow the procedures in the Manufacturing Diagnostics section of the chapter entitled “Hardware Troubleshooting.”

Note Some of these tests may impede performance of your LightStream node.

The table is divided into four columns: *No.* refers to the test number used with **run <test#>** command; *Name* gives a brief description of the test; *Card* lists the type of card affected by the test; and *Notes* provides additional information about each test. Use the following legend when referring to the Notes column:

- A—ASIC
- D—Default
- E—Engineering Only
- F—Field Diagnostic Test
- L—Access External
- M—Memory
- N—Nettime
- P—Peripheral
- S—Switch External
- T—TCS
- X—Extended (Execution takes awhile)
- Z—Should only be run by Cisco service personnel

Network Processor Card Diagnostic Tests

No.	Name	Card	Notes
01	MC68040_Core_Test	Line card	Z
02	WalkingBit_Memory_Test	Line card	FDM
03	Address_Walking_1s_Memory_Test	Line card	FDM
04	Address_Walking_0s_Memory_Test	Line card	FDM
05	StuckBit_Memory_Test	Line card	FDM
06	Refresh_Memory_Test	Line card	FXM
07	Ram_Data_Test	Line card	FDM
08	Address_Independence_Memory_Test	Line card	FXM
09	MarchingBit_Memory_Test	Line card	FXM
10	Move_16_Memory_Test	Line card	FDM
11	Ethernet_Register_Test	Line card	FD
12	Ethernet_Internal_Loopback_Test	Line card	FD
13	Ethernet_External_Loopback_Test	Line card	FL
14	Ethernet_External_Chaining	Line card	FL
15	Ethernet_CRC_Test	Line card	Z
16	BBRAM_Clock_Register_Test	Line card	FD
17	BBRAM_Clock_Read_Test	Line card	FD
18	BBRAM_Clock_Read_Write_Test	Line card	FD
19	BBRAM_Ram_Walking_1s_0s_Test	Line card	FD
20	PIT_0_Register_Test	Line card	FD
21	PIT_1_Register_Test	Line card	FD
22	PIT_0_Timer0_Test	Line card	Z
23	PIT_0_Timer1_Test	Line card	Z
24	PIT_0_Timer2_Test	Line card	Z
25	RealTime_Clock_Read_Test	Line card	FD
26	RealTime_Clock_Accuracy_Test	Line card	FD
27	RealTime_Clock_Move16_Test	Line card	FD
28	Interrupt_Controller_Register_Test	Line card	FD
29	Interrupt_Controller_Interrupt_Test	Line card	FD
30	SCC_Register_Test	Line card	FD
31	SCC_ChA_Internal_Loopback_Test	Line card	FD
32	SCC_ChB_Internal_Loopback_Test	Line card	FD
33	SCC_ChB_External_Loopback_Test	Line card	FL
34	TCS_040_DRAM_Test	Line card	FDMT
35	Bus_Timeout_Test(BTO)	Line card	FD
36	Pattern_Parity_Test	Line card	FD
37	Late_Parity_Test	Line card	FD
38	Early_Parity_Test	Line card	FD

No.	Name	Card	Notes
39	SCSI_Register_Test	Line card	FD
40	SCSI_Interrupt_Test	Line card	FD
41	SCSI_DMA_FIFO_Test	Line card	FD
42	SCSI_FIFO_Test	Line card	FD
43	Hard_Drive_Self_Test	Line card	P
44	Hard_Drive_Seek_Test	Line card	P
45	Hard_Drive_Write_Read_Test	Line card	P
46	Hard_Drive_Write_Read_Interrupt_Tst	Line card	P
47	Floppy_Drive_Self_Test	Line card	P
48	Floppy_Drive_Seek_Test	Line card	P
49	Floppy_Drive_Write_Read_Test	Line card	P
50	Paddle_Card_Serial_Eprom_Test	Access card	Z
51	SI1_Card_Serial_Eprom_Test	Line card	Z
52	Switch_Clk_Reg_Test	Line card	S
53	FSU_BIU_Test	Line card	Z
54	FSU_BlinkLED_Test	Line card	Z
55	FSU_PCTL_Register_Ripple_Test	Line card	Z
56	FSU_PCTL_SRAMData_Test	Line card	Z
57	FSU_040_Interrupt_Test	Line card	Z
58	FSU_KH_Complete_Test	Line card	Z
59	PCP_BIU_Test	Line card	Z
60	PCP_BlinkLED_Test	Line card	Z
61	PCP_DRAM_Test	Line card	Z
62	PCP_VRAM_Test	Line card	Z
63	PCP_040_Interrupt_Test	Line card	Z
64	PCP_SL_DMA_Reg_DMA_RW_Test	Line card	Z
65	PCP_SL_DRAM_Test	Line card	Z
66	PCP_SL_VRAM_Test	Line card	Z
67	PCP_SL_Enqueue_Join_Test	Line card	Z
68	PCP_SL_DRAM_VRAM_Test	Line card	Z
69	PCP_SL_Cell_Chopper_Test	Line card	Z
70	PCP_SL_Enqueueing_HW_Test	Line card	Z
71	PCP_SL_Extensive_DMA_Test	Line card	Z
72	PCP_SL_CMP_Contention_Test	Line card	Z
73	PCP_DRAM_Refresh_Test	Line card	Z
74	PCP_VRAM_Refresh_Test	Line card	Z
75	CMP_DRAM_Test	Line card	Z
76	CMP_SL_DRAM_Test	Line card	Z
77	CMP_SL_Dequeue_Cell_Test	Line card	Z

Cell Line Card Diagnostic Tests

No.	Name	Card	Notes
78	CMP_SL_Push_Cell_SOB_Test	Line card	Z
79	Raw_Cell_Internal_Loopback_Test	Line card	FD
80	Raw_Cell_External_Loopback_Test	Line card	FS
81	Data_Gram_Internal_Loopback_Test	Line card	FD
82	Data_Gram_External_Loopback_Test	Line card	FS
83	Data_Gram_Metered_Loopback_Test	Line card	FD
84	Multi_DataGram_Metered_Loopback_Test	Line card	FD
85	Chained_Data_Gram_Loopback_Test	Line card	FD
86	Iso_Sngle_Cast_Loopback_Test	Line card	FD
87	Multi_Cast_Data_Gram_Loopback_Test	Line card	FD
88	Comp_Data_Gram_Loopback_Test	Line card	FD
89	Multi_Cast_IsoLoopback_Test	Line card	FD
90	FSU_RATO_Test	Line card	FD
91	FSU_fast_dropper_Test	Line card	FD
92	FSU_VRAM_mem_Test	Line card	FD
93	FSU_VRAM_refresh_Test	Line card	FX

Cell Line Card Diagnostic Tests

No.	Name	Card	Notes
01	CP_Flash_Checksum_Test	Line card	FDM
02	EEPROM_Checksum_Tests		
02.01	HC11_Configuration_EEPROM_Checksum_Test	Line card	DMT
02.02	HC11_Application_EEPROM_Checksum_Test	Line card	DMT
02.03	Access_Card_EEPROM_Checksum_Test	Access card	DMT
02.04	Access_Card_OEM_EEPROM_Checksum_Test	Access card	DMT
03	CP_DRAM_Tests		
03.01	CP_to_DRAM_AddrBus_Indep_Test	Line card	FXM
03.02	CP_to_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
03.03	CP_to_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
03.04	CP_to_DRAM_DataBus_WalkingBit_Test	Line card	FXM
03.05	CP_to_DRAM_StuckBit_Memory_Test	Line card	FDM
03.06	CP_to_DRAM_RamData_Pattern_Test	Line card	FDM
03.07	CP_to_DRAM_Marching_1s_Test	Line card	FXM
03.08	CP_to_DRAM_Refresh_Test	Line card	FXM
04	CP_Parity_Test	Line card	FXM
05	CP_Parity_Buffer_Test	Line card	FXM
06	CP_Parity_DRAM_Test	Line card	FDM
07	TSU_NQP_uStore_Memory_Tests		

No.	Name	Card	Notes
07.01	NQP_uStore_AddrBus_Indep_Test	Line card	FXAM
07.02	NQP_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
07.03	NQP_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
07.04	NQP_uStore_DataBus_WalkingBit_Test	Line card	FXAM
07.05	NQP_uStore_StuckBit_Memory_Test	Line card	FDAM
07.06	NQP_uStore_RamData_Pattern_Test	Line card	FDAM
07.07	NQP_uStore_Marching_1s_Test	Line card	FXAM
08	TSU_DQP_uStore_Memory_Tests		
08.01	DQP_uStore_AddrBus_Indep_Test	Line card	FXAM
08.02	DQP_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
08.03	DQP_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
08.04	DQP_uStore_DataBus_WalkingBit_Test	Line card	FXAM
08.05	DQP_uStore_StuckBit_Memory_Test	Line card	FDAM
08.06	DQP_uStore_RamData_Pattern_Test	Line card	FDAM
08.07	DQP_uStore_Marching_1s_Test	Line card	FXAM
09	TSU_Internal_Timer_SRAM_Tests		
09.01	TSU_Timer_SRAM_AddrBus_Indep_Test	Line card	FXAM
09.02	TSU_Timer_SRAM_AddrBus_Walking_1s_Test	Line card	FDAM
09.03	TSU_Timer_SRAM_AddrBus_Walking_0s_Test	Line card	FDAM
09.04	TSU_Timer_SRAM_DataBus_WalkingBit_Test	Line card	FXAM
09.05	TSU_Timer_SRAM_StuckBit_Memory_Test	Line card	FDAM
09.06	TSU_Timer_SRAM_RamData_Pattern_Test	Line card	FDAM
09.07	TSU_Timer_SRAM_Marching_1s_Test	Line card	FXAM
10	TSU_Internal_CellFifo_SRAM_Tests		
10.01	TSU_CellFifo_AddrBus_Indep_Test	Line card	FXAM
10.02	TSU_CellFifo_AddrBus_Walking_1s_Test	Line card	FDAM
10.03	TSU_CellFifo_AddrBus_Walking_0s_Test	Line card	FDAM
10.04	TSU_CellFifo_DataBus_WalkingBit_Test	Line card	FXAM
10.05	TSU_CellFifo_StuckBit_Memory_Test	Line card	FDAM
10.06	TSU_CellFifo_RamData_Pattern_Test	Line card	FDAM
10.07	TSU_CellFifo_Marching_1s_Test	Line card	FXAM
11	TSU_B_NQP_uStore_Memory_Tests		
11.01	NQP_B_uStore_AddrBus_Indep_Test	Line card	FXAM
11.02	NQP_B_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
11.03	NQP_B_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
11.04	NQP_B_uStore_DataBus_WalkingBit_Test	Line card	FXAM
11.05	NQP_B_uStore_StuckBit_Memory_Test	Line card	FDAM
11.06	NQP_B_uStore_RamData_Pattern_Test	Line card	FDAM
11.07	NQP_B_uStore_Marching_1s_Test	Line card	FXAM

Cell Line Card Diagnostic Tests

No.	Name	Card	Notes
12	TSU_B_DQP_uStore_Memory_Tests		
12.01	DQP_B_uStore_AddrBus_Indep_Test	Line card	FXAM
12.02	DQP_B_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
12.03	DQP_B_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
12.04	DQP_B_uStore_DataBus_WalkingBit_Test	Line card	FXAM
12.05	DQP_B_uStore_StuckBit_Memory_Test	Line card	FDAM
12.06	DQP_B_uStore_RamData_Pattern_Test	Line card	FDAM
12.07	DQP_B_uStore_Marching_1s_Test	Line card	FXAM
13	TSU_B_Internal_Timer_SRAM_Tests		
13.01	TSU_B_Timer_SRAM_AddrBus_Indep_Test	Line card	FXAM
13.02	TSU_B_Timer_SRAM_AddrBus_Walking_1s_Test	Line card	FDAM
13.03	TSU_B_Timer_SRAM_AddrBus_Walking_0s_Test	Line card	FDAM
13.04	TSU_B_Timer_SRAM_DataBus_WalkingBit_Test	Line card	FXAM
13.05	TSU_B_Timer_SRAM_StuckBit_Memory_Test	Line card	FDAM
13.06	TSU_B_Timer_SRAM_RamData_Pattern_Test	Line card	FDAM
13.07	TSU_B_Timer_SRAM_Marching_1s_Test	Line card	FXAM
14	TSU_B_Internal_CellFifo_SRAM_Tests		
14.01	TSU_B_CellFifo_AddrBus_Indep_Test	Line card	FXAM
14.02	TSU_B_CellFifo_AddrBus_Walking_1s_Test	Line card	FDAM
14.03	TSU_B_CellFifo_AddrBus_Walking_0s_Test	Line card	FDAM
14.04	TSU_B_CellFifo_DataBus_WalkingBit_Test	Line card	FXAM
14.05	TSU_B_CellFifo_StuckBit_Memory_Test	Line card	FDAM
14.06	TSU_B_CellFifo_RamData_Pattern_Test	Line card	FDAM
14.07	TSU_B_CellFifo_Marching_1s_Test	Line card	FXAM
15	FSU_OSMC_uStore_Memory_Tests		
15.01	OSMC_uStore_AddrBus_Indep_Test	Line card	FXAM
15.02	OSMC_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
15.03	OSMC_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
15.04	OSMC_uStore_DataBus_WalkingBit_Test	Line card	FXAM
15.05	OSMC_uStore_StuckBit_Memory_Test	Line card	FDAM
15.06	OSMC_uStore_RamData_Pattern_Test	Line card	FDAM
15.07	OSMC_uStore_Marching_1s_Test	Line card	FXAM
16	FSU_ISMC_uStore_Memory_Tests		
16.01	ISMC_uStore_AddrBus_Indep_Test	Line card	FXAM
16.02	ISMC_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
16.03	ISMC_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
16.04	ISMC_uStore_DataBus_WalkingBit_Test	Line card	FXAM
16.05	ISMC_uStore_StuckBit_Memory_Test	Line card	FDAM
16.06	ISMC_uStore_RamData_Pattern_Test	Line card	FDAM

No.	Name	Card	Notes
16.07	ISMC_uStore_Marching_1s_Test	Line card	FXAM
17	TSU_Register_Walking_1s_and_0s_Test	Line card	FDA
18	TSU_B_Register_Walking_1s_and_0s_Test	Line card	FDA
19	FSU_Register_Walking_1s_and_0s_Test	Line card	FDA
20	TSU_uDiagnostic_Tests		
20.01	TSU_Generic_Tests	Line card	DA
20.02	TSU_NQP_External_Tests	Line card	DA
20.03	TSU_NQP_Cell_Buffer_Tests	Line card	DAM
20.04	TSU_NQP_Control_RAM_Tests	Line card	DAM
20.05	TSU_NQP_ScratchPad_Tests	Line card	DAM
20.06	TSU_NQP_PDBS_Tests	Line card	DA
20.07	TSU_NQP_Miscellaneous_Tests	Line card	DA
20.08	TSU_DQP_External_Tests	Line card	DA
20.09	TSU_DQP_Cell_Buffer_Tests	Line card	DAM
20.10	TSU_DQP_Control_RAM_Tests	Line card	DAM
20.11	TSU_DQP_ScratchPad_Tests	Line card	DAM
20.12	TSU_NQP_RamTests	Line card	AM
20.13	TSU_DQP_RamTests	Line card	AM
21	TSU_B_uDiagnostic_Tests		
21.01	TSU_B_Generic_Tests	Line card	DA
21.02	TSU_B_NQP_External_Tests	Line card	DA
21.03	TSU_B_NQP_Cell_Buffer_Tests	Line card	DAM
21.04	TSU_B_NQP_Control_RAM_Tests	Line card	DAM
21.05	TSU_B_NQP_ScratchPad_Tests	Line card	DAM
21.06	TSU_B_NQP_PDBS_Tests	Line card	DA
21.07	TSU_B_NQP_Miscellaneous_Tests	Line card	DA
21.08	TSU_B_DQP_External_Tests	Line card	DA
21.09	TSU_B_DQP_Cell_Buffer_Tests	Line card	DAM
21.10	TSU_B_DQP_Control_RAM_Tests	Line card	DAM
21.11	TSU_B_DQP_ScratchPad_Tests	Line card	DAM
21.12	TSU_B_NQP_RamTests	Line card	AM
21.13	TSU_B_DQP_RamTests	Line card	AM
22	FSU_uDiagnostic_Tests		
22.01	FSU_Generic_Tests	Line card	DA
22.02	FSU_ISMC_External_Tests	Line card	DA
22.03	FSU_ISMC_IRAM_Tests	Line card	DAM
22.04	FSU_ISMC_Miscellaneous_Tests	Line card	DA
22.05	FSU_ISMC_LRIC_Tests	Line card	DA
22.06	FSU_OSMC_External_Tests	Line card	DA

Cell Line Card Diagnostic Tests

No.	Name	Card	Notes
22.07	FSU_OSMC_IRAM_Tests	Line card	DAM
22.08	FSU_OSMC_Miscellaneous_Tests	Line card	DA
22.09	FSU_OSMC_LRIC_Tests	Line card	DA
22.10	FSU_OSMC_CRIC_Tests	Line card	DA
22.11	FSU_OSMC_PDBS_Tests	Line card	DA
22.12	FSU_OSMC_Priority_Encoder_Tests	Line card	DA
22.13	FSU_ISMC_RamTests	Line card	AM
22.14	FSU_OSMC_RamTests	Line card	AM
23	FSU_RealTimeClock_Test	Line card	FXA
24	FSU_IntervalTimer_Test	Line card	FXA
25	TCS_NMI_Test	Line card	DT
26	TSU_Internal_ScratchPad_SRAM_Tests		
26.01	TSU_SPAD_SRAM_AddrBus_Indep_Test	Line card	FXAM
26.02	TSU_SPAD_SRAM_AddrBus_Walking_1s_Test	Line card	FDAM
26.03	TSU_SPAD_SRAM_AddrBus_Walking_0s_Test	Line card	FDAM
26.04	TSU_SPAD_SRAM_DataBus_WalkingBit_Test	Line card	FXAM
26.05	TSU_SPAD_SRAM_StuckBit_Memory_Test	Line card	FDAM
26.06	TSU_SPAD_SRAM_RamData_Pattern_Test	Line card	FDAM
26.07	TSU_SPAD_SRAM_Marching_1s_Test	Line card	FXAM
27	TSU_External_CellBuffer_DRAM_Tests		
27.01	TSU_CBuf_DRAM_AddrBus_Indep_Test	Line card	FXM
27.02	TSU_CBuf_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
27.03	TSU_CBuf_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
27.04	TSU_CBuf_DRAM_DataBus_WalkingBit_Test	Line card	FXM
27.05	TSU_CBuf_DRAM_StuckBit_Memory_Test	Line card	FDM
27.06	TSU_CBuf_DRAM_RamData_Pattern_Test	Line card	FDM
27.07	TSU_CBuf_DRAM_Marching_1s_Test	Line card	FXM
28	TSU_External_Control_DRAM_Tests		
28.01	TSU_Ctrl_DRAM_AddrBus_Indep_Test	Line card	FXM
28.02	TSU_Ctrl_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
28.03	TSU_Ctrl_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
28.04	TSU_Ctrl_DRAM_DataBus_WalkingBit_Test	Line card	FXM
28.05	TSU_Ctrl_DRAM_StuckBit_Memory_Test	Line card	FDM
28.06	TSU_Ctrl_DRAM_RamData_Pattern_Test	Line card	FDM
28.07	TSU_Ctrl_DRAM_Marching_1s_Test	Line card	FXM
29	TSU_B_Internal_ScratchPad_SRAM_Tests		
29.01	TSU_B_SPAD_SRAM_AddrBus_Indep_Test	Line card	FXAM
29.02	TSU_B_SPAD_SRAM_AddrBus_Walking_1s_Test	Line card	FDAM
29.03	TSU_B_SPAD_SRAM_AddrBus_Walking_0s_Test	Line card	FDAM

No.	Name	Card	Notes
29.04	TSU_B_SPAD_SRAM_DataBus_WalkingBit_Test	Line card	FXAM
29.05	TSU_B_SPAD_SRAM_StuckBit_Memory_Test	Line card	FDAM
29.06	TSU_B_SPAD_SRAM_RamData_Pattern_Test	Line card	FDAM
29.07	TSU_B_SPAD_SRAM_Marching_1s_Test	Line card	FXAM
30	TSU_B_External_CellBuffer_DRAM_Tests		
30.01	TSU_B_CBuf_DRAM_AddrBus_Indep_Test	Line card	FXM
30.02	TSU_B_CBuf_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
30.03	TSU_B_CBuf_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
30.04	TSU_B_CBuf_DRAM_DataBus_WalkingBit_Test	Line card	FXM
30.05	TSU_B_CBuf_DRAM_StuckBit_Memory_Test	Line card	FDM
30.06	TSU_B_CBuf_DRAM_RamData_Pattern_Test	Line card	FDM
30.07	TSU_B_CBuf_DRAM_Marching_1s_Test	Line card	FXM
31	FSU_Internal_SRAM_Tests		
31.01	FSU_Int_SRAM_AddrBus_Indep_Test	Line card	FDAM
31.02	FSU_Int_SRAM_AddrBus_Walking_1s_Test	Line card	FDAM
31.03	FSU_Int_SRAM_AddrBus_Walking_0s_Test	Line card	FDAM
31.04	FSU_Int_SRAM_DataBus_WalkingBit_Test	Line card	FDAM
31.05	FSU_Int_SRAM_StuckBit_Memory_Test	Line card	FDAM
31.06	FSU_Int_SRAM_RamData_Pattern_Test	Line card	FDAM
31.07	FSU_Int_SRAM_Marching_1s_Test		
32	FSU_External_LRIC_SRAM_Tests		
32.01	FSU_LRIC_SRAM_AddrBus_Indep_Test	Line card	FXM
32.02	FSU_LRIC_SRAM_AddrBus_Walking_1s_Test	Line card	FDM
32.03	FSU_LRIC_SRAM_AddrBus_Walking_0s_Test	Line card	FDM
32.04	FSU_LRIC_SRAM_DataBus_WalkingBit_Test	Line card	FXM
32.05	FSU_LRIC_SRAM_StuckBit_Memory_Test	Line card	FDM
32.06	FSU_LRIC_SRAM_RamData_Pattern_Test	Line card	FDM
32.07	FSU_LRIC_SRAM_Marching_1s_Test	Line card	FXM
33	FSU_External_CRIC_DRAM_Tests		
33.01	FSU_CRIC_DRAM_AddrBus_Indep_Test	Line card	FXM
33.02	FSU_CRIC_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
33.03	FSU_CRIC_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
33.04	FSU_CRIC_DRAM_DataBus_WalkingBit_Test	Line card	FXM
33.05	FSU_CRIC_DRAM_StuckBit_Memory_Test	Line card	FDM
33.06	FSU_CRIC_DRAM_RamData_Pattern_Test	Line card	FDM
33.07	FSU_CRIC_DRAM_Marching_1s_Test	Line card	FXM
34	TSU_Functional_Register_Tests		
34.01	TSU_A_NQP_Interrupt_test	Line card	FDA
34.02	TSU_A_DQP_Interrupt_test	Line card	FDA

Cell Line Card Diagnostic Tests

No.	Name	Card	Notes
34.03	TSU_A_CBUF_Error_Interrupt_test	Line card	FDA
34.04	TSU_A_CRAM_Error_Interrupt_test	Line card	FDA
34.05	TSU_A_PDBI_Error_Interrupt_test	Line card	FDA
34.06	TSU_A_Force_NQP_Trap_test	Line card	FDA
34.07	TSU_A_Force_DQP_Trap_test	Line card	FDA
35	TSU_B_Functional_Register_Tests		
35.01	TSU_B_NQP_Interrupt_test	Line card	FDA
35.02	TSU_B_DQP_Interrupt_test	Line card	FDA
35.03	TSU_B_CBUF_Error_Interrupt_test	Line card	FDA
35.04	TSU_B_CRAM_Error_Interrupt_test	Line card	FDA
35.05	TSU_B_PDBI_Error_Interrupt_test	Line card	FDA
35.06	TSU_B_Force_NQP_Trap_test	Line card	FDA
35.07	TSU_B_Force_DQP_Trap_test	Line card	FDA
36	FSU_Functional_Register_Tests		
36.01	FSU_ISMC_Interrupt_test	Line card	FDA
36.02	FSU_OSMC_Interrupt_test	Line card	FDA
36.03	FSU_IVAL_Interrupt_test	Line card	FDA
36.04	FSU_PDBI_Error_Interrupt_test	Line card	FDA
36.05	FSU_TRAP_Error_Interrupt_test	Line card	FDA
36.06	FSU_CAVL_Interrupt_test	Line card	FDA
36.07	FSU_Force_OSMC_Trap_test	Line card	FDA
36.08	FSU_Force_ISMC_Trap_test	Line card	FDA
37	Cell_lpbk_Tsu_A_Ext_SWA_Test	Line card	FSA
38	Cell_lpbk_Tsu_A_Ext_SWB_Test	Line card	FSA
39	Cell_lpbk_Tsu_B_Ext_SWA_Test	Line card	FSA
40	Cell_lpbk_Tsu_B_Ext_SWB_Test	Line card	FSA
41	Cell_lpbk_Tsu_A_Int_SWA_Test	Line card	FDA
42	Cell_lpbk_Tsu_A_Int_SWB_Test	Line card	FDA
43	Cell_lpbk_Tsu_B_Int_SWA_Test	Line card	FDA
44	Cell_lpbk_Tsu_B_Int_SWB_Test	Line card	FDA
45	Cell_lpbk_Tsu_A_Int_SWA_FSU_B_Test	Line card	FDA
46	Cell_lpbk_Tsu_A_Int_SWB_FSU_A_Test	Line card	FDA
47	RATO_lpbk_Tsu_A_Int_SWA_Test	Line card	FDA
48	Metering__Tsu_A_Int_SWA_Test	Line card	FDA
49	OC3_Access_Card_Tests		
49.01	OC3_Access_Voltage_Sensor_Test	Access card	FDT
49.02	OC3_Access_Temperature_Sensor_Test	Access card	FDT
49.03	OC3_PMC5345_Register_Test	Access card	FD
49.04	OC3_Nettime_PLL_Local_Test	Access card	FD

No.	Name	Card	Notes
49.05	OC3_Nettime_PLL_SWA_Test	Access card	N
49.06	OC3_Nettime_PLL_SWB_Test	Access card	N
49.07	OC3_Nettime_PLL_SWA_SWB_Test	Access card	N
49.08	OC3_IRQ1_Interrupt_Test	Access card	FD
49.09	OC3_IRQ0_Interrupt_Test	Access card	FD
49.10	OC3_Internal_Lpbk_Test	Access card	FD
49.11	OC3_Internal_Multi_VCI_Lpbk_Test	Access card	FD
49.12	OC3_Internal_MultiCast_Lpbk_Test	Access card	FD
49.13	OC3_External_Lpbk_Test	Access card	FL
49.14	OC3_External_Multi_VCI_Lpbk_Test	Access card	FL
49.15	OC3_External_MultiCast_Lpbk_Test	Access card	FL
49.16	OC3_External_Cross_Test	Access card	FL
49.17	OC3_External_MultiCast_Cross_Test	Access card	FL
49.18	OC3_External_Cross_Line_Lpbk_Test	Access card	FL
49.19	OC3_External_Port1_LoopT_Cross_Test	Access card	FL
49.20	OC3_External_Port2_LoopT_Cross_Test	Access card	FL
49.21	OC3_Manual_Tests		
49.21.01	OC3_Access_EEPROM_Test	Access card	MT
49.21.02	OC3_Access_OEM_EEPROM_Test	Access card	MT
49	T3_Access_Card_Tests		
49	E3_Access_Card_Tests		
49	E2_Access_Card_Tests		
49.01	T3E3/2_Access_Voltage_Sensor_Test	Access card	FD
49.02	T3E3/2_Access_Temperature_Sensor_Test	Access card	FD
49.03	T3E3/2_PDH_Register_Test	Access card	FD
49.04	T3E3/2_Nettime_PLL_Local_Reference_Test	Access card	FD
49.05	T3E3/2_Nettime_PLL_SWA_Test	Access card	FD
49.06	T3E3/2_Nettime_PLL_SWB_Test	Access card	FD
49.07	T3E3/2_Nettime_PLL_SWA_SWB_Test	Access card	FD
49.08	T3E3/2_PerPort_PDH_Lpbk_Test	Access card	FD
49.09	E2_PerPort_FMR_Lpbk_Test	Access card	FD
49.10	T3E3/2_PerPort_ART/MRT_Lpbk_Test	Access card	FD
49.11	T3E3/2_PerPort_Extrnl_Lpbk_Test	Access card	FL
49.12	T3E3/2_MultiPorts_PDH_Lpbk_Test	Access card	FD
49.13	T3E3/2_MultiPorts_ART/MRT_Lpbk_Test	Access card	FD
49.14	T3E3/2_Multi_VCI_Ports_PDH_Lpbk_Test	Access card	Z
49.15	T3E3/2_Multi_VCI_Ports_ART/MRT_Lpbk_Test	Access card	Z
49.16	T3E3/2_Internal_MultiCast_TsuA_Test	Access card	FD
49.17	T3E3/2_Internal_MultiCast_TsuB_Test	Access card	FD

No.	Name	Card	Notes
49.18	T3E3/2_Access_EEPROM_Test	Access card	MT
49.19	T3E3/2_Access_OEM_EEPROM_Test	Access card	MT

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No.	Name	Card	Notes
01	CP_Flash_Checksum_Test	Line card	FDM
02	EEPROM_Checksum_Tests		
02.01	HC11_Configuration_EEPROM_Checksum_Test	Line card	DMT
02.02	HC11_Application_EEPROM_Checksum_Test	Line card	DMT
02.03	Access_Card_EEPROM_Checksum_Test	Access card	DMT
02.04	Access_Card_OEM_EEPROM_Checksum_Test	Access card	DMT
03	CP_DRAM_Tests		
03.01	CP_to_DRAM_AddrBus_Indep_Test	Line card	FXM
03.02	CP_to_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
03.03	CP_to_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
03.04	CP_to_DRAM_DataBus_WalkingBit_Test	Line card	FXM
03.05	CP_to_DRAM_StuckBit_Memory_Test	Line card	FDM
03.06	CP_to_DRAM_RamData_Pattern_Test	Line card	FDM
03.07	CP_to_DRAM_Marching_1s_Test	Line card	FXM
03.08	CP_to_DRAM_Refresh_Test	Line card	FXM
04	CP_Parity_Test	Line card	FXM
05	CP_Parity_Buffer_Test	Line card	FXM
06	CP_Parity_DRAM_Test	Line card	FDM
07	CP_PDBL_SRAM_Tests		
07.01	CP_to_PDBL_SRAM_AddrBus_Indep_Test	Line card	FXM
07.02	CP_to_PDBL_SRAM_AddrBus_Walking_1s_Test	Line card	FDM
07.03	CP_to_PDBL_SRAM_AddrBus_Walking_0s_Test	Line card	FDM
07.04	CP_to_PDBL_SRAM_DataBus_WalkingBit_Test	Line card	FXM
07.05	CP_to_PDBL_SRAM_StuckBit_Memory_Test	Line card	FDM
07.06	CP_to_PDBL_SRAM_RamData_Pattern_Test	Line card	FDM
07.07	CP_to_PDBL_SRAM_Marching_1s_Test	Line card	FXM
08	TSU_NQP_uStore_Memory_Tests		
08.01	NQP_uStore_AddrBus_Indep_Test	Line card	FXAM
08.02	NQP_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
08.03	NQP_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
08.04	NQP_uStore_DataBus_WalkingBit_Test	Line card	FXAM
08.05	NQP_uStore_StuckBit_Memory_Test	Line card	FDAM
08.06	NQP_uStore_RamData_Pattern_Test	Line card	FDAM

No.	Name	Card	Notes
08.07	NQP_uStore_Marching_1s_Test	Line card	FXAM
09	TSU_DQP_uStore_Memory_Tests		
09.01	DQP_uStore_AddrBus_Indep_Test	Line card	FXAM
09.02	DQP_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
09.03	DQP_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
09.04	DQP_uStore_DataBus_WalkingBit_Test	Line card	FXAM
09.05	DQP_uStore_StuckBit_Memory_Test	Line card	FDAM
09.06	DQP_uStore_RamData_Pattern_Test	Line card	FDAM
09.07	DQP_uStore_Marching_1s_Test	Line card	FXAM
10	TSU_Internal_Timer_SRAM_Tests		
10.01	TSU_Timer_SRAM_AddrBus_Indep_Test	Line card	FXAM
10.02	TSU_Timer_SRAM_AddrBus_Walking_1s_Test	Line card	FDAM
10.03	TSU_Timer_SRAM_AddrBus_Walking_0s_Test	Line card	FDAM
10.04	TSU_Timer_SRAM_DataBus_WalkingBit_Test	Line card	FXAM
10.05	TSU_Timer_SRAM_StuckBit_Memory_Test	Line card	FDAM
10.06	TSU_Timer_SRAM_RamData_Pattern_Test	Line card	FDAM
10.07	TSU_Timer_SRAM_Marching_1s_Test	Line card	FXAM
11	TSU_CellFifo_CellFifo_SRAM_Tests		
11.01	TSU_CellFifo_AddrBus_Indep_Test	Line card	FXAM
11.02	TSU_CellFifo_AddrBus_Walking_1s_Test	Line card	FDAM
11.03	TSU_CellFifo_AddrBus_Walking_0s_Test	Line card	FDAM
11.04	TSU_CellFifo_DataBus_WalkingBit_Test	Line card	FXAM
11.05	TSU_CellFifo_StuckBit_Memory_Test	Line card	FDAM
11.06	TSU_CellFifo_RamData_Pattern_Test	Line card	FDAM
11.07	TSU_CellFifo_Marching_1s_Test	Line card	FXAM
12	FSU_OSMC_uStore_Memory_Tests		
12.01	OSMC_uStore_AddrBus_Indep_Test	Line card	FXAM
12.02	OSMC_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
12.03	OSMC_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
12.04	OSMC_uStore_DataBus_WalkingBit_Test	Line card	FXAM
12.05	OSMC_uStore_StuckBit_Memory_Test	Line card	FDAM
12.06	OSMC_uStore_RamData_Pattern_Test	Line card	FDAM
12.07	OSMC_uStore_Marching_1s_Test	Line card	FXAM
13	FSU_ISMC_uStore_Memory_Tests		
13.01	ISMC_uStore_AddrBus_Indep_Test	Line card	FXAM
13.02	ISMC_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
13.03	ISMC_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
13.04	ISMC_uStore_DataBus_WalkingBit_Test	Line card	FXAM
13.05	ISMC_uStore_StuckBit_Memory_Test	Line card	FDAM

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No.	Name	Card	Notes
13.06	ISMC_uStore_RamData_Pattern_Test	Line card	FDAM
13.07	ISMC_uStore_Marching_1s_Test	Line card	FXAM
14	TLU_TLP_uStore_Memory_Tests		
14.01	TLP_uStore_AddrBus_Indep_Test	Line card	FXAM
14.02	TLP_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
14.03	TLP_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
14.04	TLP_uStore_DataBus_WalkingBit_Test	Line card	FXAM
14.05	TLP_uStore_StuckBit_Memory_Test	Line card	FDAM
14.06	TLP_uStore_RamData_Pattern_Test	Line card	FDAM
14.07	TLP_uStore_Marching_1s_Test	Line card	FXAM
15	TLU_RP_uStore_Memory_Tests		
15.01	RP_uStore_AddrBus_Indep_Test	Line card	FXAM
15.02	RP_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
15.03	RP_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
15.04	RP_uStore_DataBus_WalkingBit_Test	Line card	FXAM
15.05	RP_uStore_StuckBit_Memory_Test	Line card	FDAM
15.06	RP_uStore_RamData_Pattern_Test	Line card	FDAM
15.07	RP_uStore_Marching_1s_Test	Line card	FXAM
16	FLU_FLP_uStore_Memory_Tests		
16.01	FLP_uStore_AddrBus_Indep_Test	Line card	FXAM
16.02	FLP_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
16.03	FLP_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
16.04	FLP_uStore_DataBus_WalkingBit_Test	Line card	FXAM
16.05	FLP_uStore_StuckBit_Memory_Test	Line card	FDAM
16.06	FLP_uStore_RamData_Pattern_Test	Line card	FDAM
16.07	FLP_uStore_Marching_1s_Test	Line card	FXAM
17	FLU_ALF_uStore_Memory_Tests		
17.01	ALF_uStore_AddrBus_Indep_Test	Line card	FXAM
17.02	ALF_uStore_AddrBus_Walking_1s_Test	Line card	FDAM
17.03	ALF_uStore_AddrBus_Walking_0s_Test	Line card	FDAM
17.04	ALF_uStore_DataBus_WalkingBit_Test	Line card	FXAM
17.05	ALF_uStore_StuckBit_Memory_Test	Line card	FDAM
17.06	ALF_uStore_RamData_Pattern_Test	Line card	FDAM
17.07	ALF_uStore_Marching_1s_Test	Line card	FXAM
18	TSU_Register_Walking_1s_and_0s_Test	Line card	FDA
19	FSU_Register_Walking_1s_and_0s_Test	Line card	FDA
20	TLU_Register_Walking_1s_and_0s_Test	Line card	FDA
21	FLU_Register_Walking_1s_and_0s_Test	Line card	FDA

No.	Name	Card	Notes
22	TSU_uDiagnostic_Tests		
22.01	TSU_Generic_Tests	Line card	DA
22.02	TSU_NQP_External_Tests	Line card	DA
22.03	TSU_NQP_Cell_Buffer_Tests	Line card	DAM
22.04	TSU_NQP_Control_RAM_Tests	Line card	DAM
22.05	TSU_NQP_ScratchPad_Tests	Line card	DAM
22.06	TSU_NQP_PDBS_Tests	Line card	DA
22.07	TSU_NQP_Miscellaneous_Tests	Line card	DA
22.08	TSU_DQP_External_Tests	Line card	DA
22.09	TSU_DQP_Cell_Buffer_Tests	Line card	DAM
22.10	TSU_DQP_Control_RAM_Tests	Line card	DAM
22.11	TSU_DQP_ScratchPad_Tests	Line card	DAM
22.12	TSU_NQP_RamTests	Line card	AM
22.13	TSU_DQP_RamTests	Line card	AM
23	FSU_uDiagnostic_Tests		
23.01	FSU_Generic_Tests	Line card	DA
23.02	FSU_ISMC_External_Tests	Line card	DA
23.03	FSU_ISMC_IRAM_Tests	Line card	DAM
23.04	FSU_ISMC_Miscellaneous_Tests	Line card	DA
23.05	FSU_ISMC_LRIC_Tests	Line card	DA
23.06	FSU_OSMC_External_Tests	Line card	DA
23.07	FSU_OSMC_IRAM_Tests	Line card	DAM
23.08	FSU_OSMC_Miscellaneous_Tests	Line card	DA
23.09	FSU_OSMC_LRIC_Tests	Line card	DA
23.10	FSU_OSMC_CRIC_Tests	Line card	DA
23.11	FSU_OSMC_PDBS_Tests	Line card	DA
23.12	FSU_OSMC_Priority_Encoder_Tests	Line card	DA
23.13	FSU_ISMC_RamTests	Line card	AM
23.14	FSU_OSMC_RamTests	Line card	AM
24	TLU_uDiagnostic_Tests		
24.01	TLU_Generic_Tests	Line card	DA
24.02	TLU_RP_Cell_Buffer_Tests	Line card	DAM
24.03	TLU_RP_Miscellaneous_Tests	Line card	DA
24.04	TLU_RP_XRI_Tests	Line card	DA
24.05	TLU_TLP_XRAM_Tests	Line card	DAM
24.06	TLU_TLP_Miscellaneous_Tests	Line card	DA
24.07	TLU_TLP_PDBL_Tests	Line card	DA
24.08	TLU_RP_RamTests	Line card	AM
24.09	TLU_TLP_RamTests	Line card	AM

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No.	Name	Card	Notes
25	FLU_uDiagnostic_Tests		
25.01	FLU_Generic_Tests	Line card	DA
25.02	FLU_FLP_External_Tests	Line card	DA
25.03	FLU_FLP_XRAM_Tests	Line card	DAM
25.04	FLU_FLP_PDBL_Tests	Line card	DA
25.05	FLU_ALF_External_Tests	Line card	DA
25.06	FLU_ALF_RamTests	Line card	AM
26	FSU_RealTimeClock_Test	Line card	FXA
27	FSU_IntervalTimer_Test	Line card	FXA
28	TLU_HoldoffTimer_Test	Line card	FDA
29	TCS_NMI_Test	Line card	DT
30	TSU_Internal_ScratchPad_SRAM_Tests		
30.01	TSU_SPAD_SRAM_AddrBus_Indep_Test	Line card	FXAM
30.02	TSU_SPAD_SRAM_AddrBus_Walking_1s_Test	Line card	FDAM
30.03	TSU_SPAD_SRAM_AddrBus_Walking_0s_Test	Line card	FDAM
30.04	TSU_SPAD_SRAM_DataBus_WalkingBit_Test	Line card	FXAM
30.05	TSU_SPAD_SRAM_StuckBit_Memory_Test	Line card	FDAM
30.06	TSU_SPAD_SRAM_RamData_Pattern_Test	Line card	FDAM
30.07	TSU_SPAD_SRAM_Marching_1s_Test	Line card	FXAM
31	TSU_External_CellBuffer_DRAM_Tests		
31.01	TSU_CBuf_DRAM_AddrBus_Indep_Test	Line card	FXM
31.02	TSU_CBuf_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
31.03	TSU_CBuf_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
31.04	TSU_CBuf_DRAM_DataBus_WalkingBit_Test	Line card	FXM
31.05	TSU_CBuf_DRAM_StuckBit_Memory_Test	Line card	FDM
31.06	TSU_CBuf_DRAM_RamData_Pattern_Test	Line card	FDM
31.07	TSU_CBuf_DRAM_Marching_1s_Test	Line card	FXM
32	TSU_External_Control_DRAM_Tests		
32.01	TSU_Ctrl_DRAM_AddrBus_Indep_Test	Line card	FXM
32.02	TSU_Ctrl_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
32.03	TSU_Ctrl_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
32.04	TSU_Ctrl_DRAM_DataBus_WalkingBit_Test	Line card	FXM
32.05	TSU_Ctrl_DRAM_StuckBit_Memory_Test	Line card	FDM
32.06	TSU_Ctrl_DRAM_RamData_Pattern_Test	Line card	FDM
32.07	TSU_Ctrl_DRAM_Marching_1s_Test	Line card	FXM
33	FSU_Internal_SRAM_Tests		
33.01	FSU_Int_SRAM_AddrBus_Indep_Test	Line card	FXAM
33.02	FSU_Int_SRAM_AddrBus_Walking_1s_Test	Line card	FDAM
33.03	FSU_Int_SRAM_AddrBus_Walking_0s_Test	Line card	FDAM

No.	Name	Card	Notes
33.04	FSU_Int_SRAM_DataBus_WalkingBit_Test	Line card	FXAM
33.05	FSU_Int_SRAM_StuckBit_Memory_Test	Line card	FDAM
33.06	FSU_Int_SRAM_RamData_Pattern_Test	Line card	FDAM
33.07	FSU_Int_SRAM_Marching_1s_Test	Line card	FXAM
34	FSU_External_LRIC_SRAM_Tests		
34.01	FSU_LRIC_SRAM_AddrBus_Indep_Test	Line card	FXM
34.02	FSU_LRIC_SRAM_AddrBus_Walking_1s_Test	Line card	FDM
34.03	FSU_LRIC_SRAM_AddrBus_Walking_0s_Test	Line card	FDM
34.04	FSU_LRIC_SRAM_DataBus_WalkingBit_Test	Line card	FXM
34.05	FSU_LRIC_SRAM_StuckBit_Memory_Test	Line card	FDM
34.06	FSU_LRIC_SRAM_RamData_Pattern_Test	Line card	FDM
34.07	FSU_LRIC_SRAM_Marching_1s_Test	Line card	FXM
35	FSU_External_CRIC_DRAM_Tests		
35.01	FSU_CRIC_DRAM_AddrBus_Indep_Test	Line card	FXM
35.02	FSU_CRIC_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
35.03	FSU_CRIC_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
35.04	FSU_CRIC_DRAM_DataBus_WalkingBit_Test	Line card	FXM
35.05	FSU_CRIC_DRAM_StuckBit_Memory_Test	Line card	FDM
35.06	FSU_CRIC_DRAM_RamData_Pattern_Test	Line card	FDM
35.07	FSU_CRIC_DRAM_Marching_1s_Test	Line card	FXM
36	TLU_External_DRAM_Tests		
36.01	TLU_Ext_DRAM_AddrBus_Indep_Test	Line card	FXM
36.02	TLU_Ext_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
36.03	TLU_Ext_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
36.04	TLU_Ext_DRAM_DataBus_WalkingBit_Test	Line card	FXM
36.05	TLU_Ext_DRAM_StuckBit_Memory_Test	Line card	FDM
36.06	TLU_Ext_DRAM_RamData_Pattern_Test	Line card	FDM
36.07	TLU_Ext_DRAM_Marching_1s_Test	Line card	FXM
37	FLU_External_ParseGraph_SRAM_Tests		
37.01	FLU_Parse_SRAM_AddrBus_Indep_Test	Line card	FXM
37.02	FLU_Parse_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
37.03	FLU_Parse_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
37.04	FLU_Parse_DRAM_DataBus_WalkingBit_Test	Line card	FXM
37.05	FLU_Parse_DRAM_StuckBit_Memory_Test	Line card	FDM
37.06	FLU_Parse_DRAM_RamData_Pattern_Test	Line card	FDM
37.07	FLU_Parse_DRAM_Marching_1s_Test	Line card	FXM
38	FLU_External_Protocol_DRAM_Tests		
38.01	FLU_Proto_DRAM_AddrBus_Indep_Test	Line card	FXM
38.02	FLU_Proto_DRAM_AddrBus_Walking_1s_Test	Line card	FDM

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No.	Name	Card	Notes
38.03	FLU_Proto_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
38.04	FLU_Proto_DRAM_DataBus_WalkingBit_Test	Line card	FXM
38.05	FLU_Proto_DRAM_StuckBit_Memory_Test	Line card	FDM
38.06	FLU_Proto_DRAM_RamData_Pattern_Test	Line card	FDM
38.07	FLU_Proto_DRAM_Marching_1s_Test	Line card	FXM
39	TSU_Functional_Register_Tests		
39.01	TSU_NQP_Interrupt_test	Line card	FDA
39.02	TSU_DQP_Interrupt_test	Line card	FDA
39.03	TSU_CBUF_Error_Interrupt_test	Line card	FDA
39.04	TSU_CRAM_Error_Interrupt_test	Line card	FDA
39.05	TSU_PDBI_Error_Interrupt_test	Line card	FDA
39.06	TSU_Force_NQP_Trap_test	Line card	FDA
39.07	TSU_Force_DQP_Trap_test	Line card	FDA
40	FSU_Functional_Register_Tests		
40.01	FSU_ISMC_Interrupt_test	Line card	FDA
40.02	FSU_OSMC_Interrupt_test	Line card	FDA
40.03	FSU_IVAL_Interrupt_test	Line card	FDA
40.04	FSU_PDBI_Error_Interrupt_test	Line card	FDA
40.05	FSU_TRAP_Error_Interrupt_test	Line card	FDA
40.06	FSU_CAVL_Interrupt_test	Line card	FDA
40.07	FSU_Force_OSMC_Trap_test	Line card	FDA
40.08	FSU_Force_ISMC_Trap_test	Line card	FDA
41	TLU_Functional_Register_Tests		
41.01	TLU_TLP_Interrupt_Test	Line card	FDA
41.02	TLU_RP_Interrupt_Test	Line card	FDA
41.03	TLU_PDBI_Interrupt_Test	Line card	FDA
41.04	TLU_XRAM_Parity_Interrupt_Test	Line card	FDA
41.05	TLU_TLP_Trap_Interrupt_Test	Line card	FDA
41.06	TLU_RP_Trap_Interrupt_Test	Line card	FDA
41.07	TLU_XRAM_Parity_Trap_Interrupt_Test	Line card	FDA
42	FLU_Functional_Register_Tests		
42.01	FLU_FLP_Interrupt_Test	Line card	FDA
42.02	FLU_ALF_Interrupt_Test	Line card	FDA
42.03	FLU_PDBI_Interrupt_Test	Line card	FDA
42.04	FLU_PMEM_Parity_Interrupt_Test	Line card	FDA
42.05	FLU_FLP_Trap_Interrupt_Test	Line card	FDA
42.06	FLU_ALF_Trap_Interrupt_Test	Line card	FDA
42.07	FLU_PMEM_Parity_Trap_Interrupt_Test	Line card	FDA
43	TSU_FSU_SWA_External_Lpbk_Test	Line card	FSA

No.	Name	Card	Notes
44	TSU_FSU_SWA_Internal_Lpbk_A_Test	Line card	FDA
45	TSU_FSU_SWA_Internal_Lpbk_B_Test	Line card	FDA
46	TSU_FSU_SWB_External_Lpbk_Test	Line card	FSA
47	TSU_FSU_SWB_Internal_Lpbk_B_Test	Line card	FDA
48	TSU_FSU_SWB_Internal_Lpbk_A_Test	Line card	FDA
49	TSU_FSU_MultiCast_Internal_Lpbk_Test	Line card	FDA
50	TSU_FSU_Smoothing_Internal_Lpbk_Test	Line card	FDA
51	TSU_FSU_RATIO_Internal_Lpbk_Test	Line card	FDA
52	TSU_TLU_Internal_Lpbk_Test	Line card	FDA
53	FLU_FSU_Internal_Lpbk_Test	Line card	FDA
54	FLU_TLU_Internal_Lpbk_Test	Line card	FDA
55	FDDI_Access_Card_Tests		
55.01	FDDI_CSR_Register_Test	Access card	FD
55.02	CAM_Walking_Bit_Test	Access card	FD
55.03	FDDI_CAM_Unique_Data_Test	Access card	FD
55.04	FDDI_CAM_Address_Data_Test	Access card	FD
55.05	FDDI_CAM_Pattern_Data_Test	Access card	FD
55.06	FDDI_MAC_EPROM_Checksum_Test	Access card	FD
55.07	FDDI_Register_Test	Access card	FD
55.08	FDDI_MAC_Loop_Test	Access card	FD
55.09	FDDI_LM_Loop_Test	Access card	FD
55.10	FDDI_EB_Loop_Test	Access card	FD
55.11	FDDI_FCG_Loop_Test	Access card	FD
55.12	FDDI_Loopback_Test	Access card	FL
55.13	FDDI_CAM_Logic_Test	Access card	FD
55.14	TSU_FDDI_Loopback_Test	Access card	FDA
55.15	FLU_FDDI_Loopback_Test	Access card	FDA
55.16	FLU_FDDI_Loopback_Test#1	Access card	FDA
55.17	FDDI_Interrupt_Test	Access card	FD
55.18	CAM_Interrupt_Test	Access card	FD
55	Ethernet_Access_Card_Tests		
55.01	Ethernet_CSR_Reg_Test	Access card	FD
55.02	Ethernet_Voltage_Test	Access card	FD
55.03	Ethernet_MAC_EPROM_Checksum_Test	Access card	FD
55.04	Ethernet_NOP_Test	Access card	FD
55.05	Ethernet_Self_Test	Access card	FD
55.06	Ethernet_interrupt_test	Access card	FD
55.07	Ethernet_Int_Loopback_Test	Access card	FD
55.08	Ethernet_XCVR_Loopback_Test	Access card	FD

Packet Line Card Diagnostic Tests

No.	Name	Card	Notes
55.09	Ethernet_AUI_Loopback_Test	Access card	FL
55.10	Ethernet_Bus_Arbitration_Test	Access card	FD
55.11	Ethernet_Bus_Internal_Test	Access card	FD
55.12	Ethernet_Bus_External_Test	Access card	FL
55.13	Ethernet_XC_I_Loopback_Test	Access card	FD
55.14	Ethernet_XC_X_Loopback_Test	Access card	FD
55.15	Ethernet_XC_E_Loopback_Test	Access card	FL
55	Fiber_Ethernet_Access_Card_Tests	Access card	FD
55.01	Fiber_Ethernet_CSR_Reg_Test	Access card	FD
55.02	Fiber_Ethernet_Voltage_Test	Access card	FD
55.03	Fiber_Ethernet_MAC_EPROM_Checksum_Test	Access card	FD
55.04	Fiber_Ethernet_NOP_Test	Access card	FD
55.05	Fiber_Ethernet_Self_Test	Access card	FD
55.06	Fiber_Ethernet_Int_Loopback_Test	Access card	FD
55.07	Fiber_Ethernet_XCVR_Loopback_Test	Access card	FD
55.08	Fiber_Ethernet_Bus_Arbitration_Test	Access card	FD
55.09	Fiber_Ethernet_Bus_Internal_Test	Access card	FD
55.10	Fiber_Ethernet_interrupt_test	Access card	FD
55.11	Fiber_Ethernet_XC_I_Loopback_Test	Access card	FD
55.12	Fiber_Ethernet_XC_X_Loopback_Test	Access card	FD
55.13	Fiber_Ethernet_XC_E_Loopback_Test	Access card	FL
55	Serial_Access_Card_Tests		
55.01	Serial_CSR_Reg_Test	Access card	FD
55.02	Serial_Self_Test	Access card	FD
55.03	Serial_Int_Serial_Lpbk_Test(64 bytes)	Access card	FD
55.04	Serial_Int_Intrlv_Lpbk_Test(64 bytes)	Access card	FD
55.05	Serial_Ext_Intrlv_Lpbk_Test(64 bytes)	Access card	FL
55.06	Serial_Int_Intrlv_Lpbk_Test(1520 bytes)	Access card	FD
55.07	Serial_Ext_Serial_Lpbk_Test(1520 bytes)	Access card	FL
55.08	Serial_V35_External_Lpbk_Test	Access card	FL
55.09	Serial_RS449_External_Lpbk_Test	Access card	FL
55.10	Serial_Bus_Arbitration_Test	Access card	FD
55.11	Serial_Octart_Register_Test	Access card	FD
55.12	Serial_Octart_Int_Loopback_Test	Access card	FD
55.13	Serial_Octart_Ext_Loopback_Test	Access card	FL
55.14	Serial_Clock_Measure_Test (external)	Access card	FL
55.15	Serial_Internal_Loopback_Chain_Test	Access card	FDA
55.16	Serial_X21_Self_Clocking_Ext_Lpbk_Test	Access card	FD
55.17	Serial_MAC_EPROM_Checksum_Test	Access card	FD

No.	Name	Card	Notes
55	CEM_Access_Card_Tests		
55.01	CEMAC_Serial_EEPROM_Test	Access card	FD
55.02	CEMAC_Voltage_Sensor_Test	Access card	FD
55.03	CEMAC_Temperature_Sensor_Test	Access card	FD
55.04	CEMAC_Main_PLD_Registers_Test	Access card	FD
55.05	CEMAC_Pre_Port_PLD_CSR_Test	Access card	FD
55.06	CEMAC_Global_Pre_Port_PLD_CSR_Test	Access card	FD
55.07	CEMAC_Per_Port_Data_Buffer_Flag_Test	Access card	FD
55.08	CEMAC_Per_Port_Residual_Time_Stamp_Test	Access card	FD
55.09	CEMAC_Per_Port_Receive_Clock_Test	Access card	FD
55.10	CEMAC_Nettime_PLL_SWA_Test	Access card	N
55.11	CEMAC_Nettime_PLL_SWB_Test	Access card	N
55.12	CEMAC_Nettime_PLL_SWA_SWB_Test	Access card	N
55.13	CEMAC_Per_Port_External_Loopback_Test	Access card	FL
55.14	CEMAC_Multi_Ports_External_Loopback_Test	Access card	FL
55.15	CEMAC_FluTlu_Lpkb_Using_ADAPTIVE_CLOCK	Access card	FD
55.16	CEMAC_FluTlu_Lpkb_Using_SRTS	Access card	FD
55.17	CEMAC_FluTlu_Lpkb_Using_SYNC_CLOCK	Access card	FD

Low-Speed Line Card Diagnostic Tests

No.	Name	Card	Notes
01	CP_Flash_Checksum_Test	Line card	FDM
02	mc68340_Chan1_DMA_DRAM_to_SHMEM_Test	Line Card	FD
03	mc68340_Chan2_DMA_DRAM_to_SHMEM_Test	Line Card	FD
04	mc68340_Timer1_Test	Line Card	FD
05	mc68340_Timer2_Test	Line Card	FD
06	mc68340_UART_A_Internal_Loopback_Test	Line Card	FD
07	mc68340_UART_B_Internal_Loopback_Test	Line Card	FD
08	mc68340_UART_B_External_Loopback_Tst(L)	Line Card	FL
09	CP_to_DRAM_AddrBus_Indep_Test	Line card	FXM
10	CP_to_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
11	CP_to_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
12	CP_to_DRAM_DataBus_WalkingBit_Test	Line card	FDM
13	CP_to_DRAM_StuckBit_Memory_Test	Line card	FDM
14	CP_to_DRAM_RamData_Pattern_Test	Line card	FDM
15	CP_to_DRAM_Marching_1s_Test	Line card	FXM
16	CP_to_DRAM_Refresh_Test	Line card	FXM
17	CP_to_SharedMem_AddrBus_Indep_Test	Line card	FXM

Low-Speed Line Card Diagnostic Tests

No.	Name	Card	Notes
18	CP_to_SharedMem_AddrBus_Walking_1s_Test	Line card	FDM
19	CP_to_SharedMem_AddrBus_Walking_0s_Test	Line card	FDM
20	CP_to_SharedMem_DataBus_WalkingBit_Test	Line card	FDM
21	CP_to_SharedMem_StuckBit_Memory_Test	Line card	FDM
22	CP_to_SharedMem_RamData_Pattern_Test	Line card	FDM
23	CP_to_SharedMem_Marching_1s_Test	Line card	FXM
24	CP_to_SharedMem_Refresh_Test	Line card	FXM
25	CP_to_SharedMem_Alignment_Test	Line card	FDM
26	CP_DRAM_Parity_Test	Line card	FDM
27	CP_SharedMem_Parity_Test	Line card	FDM
28	TCS_340_DRAM_Test	Line card	FDMT
29	CP_to_DRE_Mem_AddrBus_Indep_Test	Line card	FXM
30	CP_to_DRE_Mem_AddrBus_Walking_1s_Test	Line card	FDM
31	CP_to_DRE_Mem_AddrBus_Walking_0s_Test	Line card	FDM
32	CP_to_DRE_Mem_DataBus_WalkingBit_Test	Line card	FDM
33	CP_to_DRE_Mem_StuckBit_Memory_Test	Line card	FDM
34	CP_to_DRE_Mem_RamData_Pattern_Test	Line card	FDM
35	CP_to_DRE_Mem_Marching_1s_Test	Line card	FXM
36	CP_to_DRE_Mem_Alignment_Test	Line card	FDM
37	PP_to_LocalMem_AddrBus_Walking_1s_Test	Line card	FDM
38	PP_to_LocalMem_AddrBus_Walking_0s_Test	Line card	FDM
39	PP_to_LocalMem_DataBus_WalkingBit_Test	Line card	FDM
40	PP_to_LocalMem_RamData_Pattern_Test	Line card	FDM
41	CP_LineChip_Internal_Register_Test	Access card	FD
42	CP_LineChip_External_Register_Test	Access card	FD
43	CP_LineChip_Internal_Register_Test	Access card	FL
44	PaddleCard_Octart_Register_Test	Access card	FD
45	PaddleCard_Octart_Internal_Lpbk_Test	Access card	FD
46	PaddleCard_Octart_External_Lpbk_Test(L)	Access card	FL
47	PaddleCard_Octart_Interrupt_Test	Access card	FD
48	PaddleCard_Modem_Signals_Test	Access card	FD
49	PaddleCard_Internal_Clock_Monitor_Test	Access card	FD
50	PaddleCard_Extern_Clock_Monitor_Test(L)	Access card	FL
51	Serial_Eprom_Write_Read_Test	Access card	FDT
52	CP_RealTime_Clock_Test	Line card	FD
53	CP_CSR_A_Register_Test	Line card	FD
54	CP_CSR_B_Register_Test	Line card	FD
55	CP_CSR_C_Register_Test	Line card	FD
56	PP_to_LocalMem_AddrBus_Indep_Test	Line card	FXM

No.	Name	Card	Notes
57	CP_to_SharedMem_AddrBus_Walking_1s_Test	Line card	FDM
58	PP_to_LocalMem_AddrBus_Walking_0s_Test	Line card	FDM
59	PP_to_LocalMem_DataBus_WalkingBit_Test	Line card	FDM
60	PP_to_LocalMem_StuckBit_Memory_Test	Line card	FDM
61	PP_to_LocalMem_RamData_Pattern_Test	Line card	FDM
62	PP_to_LocalMem_Marching_1s_Test	Line card	FXM
63	CP_to_SharedMem_AddrBus_Indep_Test	Line card	FXM
64	PP_to_SharedMem_AddrBus_Walking_1s_Test	Line card	FDM
65	PP_to_SharedMem_AddrBus_Walking_0s_Test	Line card	FDM
66	PP_to_SharedMem_DataBus_WalkingBit_Test	Line card	FDM
67	PP_to_SharedMem_StuckBit_Memory_Test	Line card	FDM
68	PP_to_SharedMem_RamData_Pattern_Test	Line card	FDM
69	PP_to_SharedMem_Marching_1s_Test	Line card	FXM
70	PP_to_SharedMem_Read_Modify_Write_Test	Line card	FDM
71	PP_to_DRE_Mem_AddrBus_Indep_Test	Line card	FXM
72	PP_to_DRE_Mem_AddrBus_Walking_1s_Test	Line card	FDM
73	PP_to_DRE_Mem_AddrBus_Walking_0s_Test	Line card	FDM
74	PP_to_DRE_Mem_DataBus_WalkingBit_Test	Line card	FDM
75	PP_to_DRE_Mem_StuckBit_Memory_Test	Line card	FDM
76	PP_to_DRE_Mem_RamData_Pattern_Test	Line card	FDM
77	PP_to_DRE_Mem_Marching_1s_Test	Line card	FXM
78	PP_Memory_Alignment_Test	Line card	FDM
79	PP_LineChip_Internal_Register_Test	Access card	FD
80	PP_RealTime_Clock_Test	Line card	FD
81	CP_to_PP_Interrupt_Test	Line card	FD
82	DRE_and_Shared_Memory_Arbitration_Test	Line card	FDM
83	FSU_BIU_Test	Line card	FD
84	FSU_BlinkLED_Test	Line card	FD
85	FSU_PCTL_Register_Ripple_Test	Line card	FD
86	FSU_PCTL_SRamData_Test	Line card	FD
87	FSU_KH_Complete_Test	Line card	FD
88	PCP_BIU_Test	Line card	FD
89	PCP_BlinkLED_Test	Line card	FD
90	PCP_DRAM_Test	Line card	FD
91	PCP_VRAM_Test	Line card	FD
92	PCP_SL_DMA_Reg_DMA_RW_Test	Line card	FD
93	PCP_SL_DRAM_Test	Line card	FD
94	PCP_SL_VRAM_Test	Line card	FD
95	PCP_SL_Enqueue_Join_Test	Line card	FD

Medium-Speed Line Card Diagnostic Tests

No.	Name	Card	Notes
96	PCP_SL_DRAM_VRAM_Test	Line card	FD
97	PCP_SL_Cell_Chopper_Test	Line card	FD
98	PCP_SL_Enqueueing_HW_Test	Line card	FD
99	PCP_SL_Extensive_DMA_Test	Line card	FD
100	PCP_SL_CMP_Contention_Test	Line card	FD
101	CMP_DRAM_Test	Line card	FD
102	CMP_SL_DRAM_Test	Line card	FD
103	CMP_SL_Dequeue_Cell_Test	Line card	FD
104	CMP_SL_Push_Cell_SOB_Test	Line card	FD
105	DataGram_SingleCast___Internal_Lpbk_Test	Line card	FD
106	DataGram_MultiCast___Internal_Lpbk_Test	Line card	FD
107	DataGram_Metered_____Internal_Lpbk_Test	Line card	FD
108	DataGram_MtCast_Metd_Internal_Lpbk_Test	Line card	FD
109	Isochronous_SinglCst_Internal_Lpbk_Test	Line card	FD
110	Isochronous_MultiCst_Internal_Lpbk_Test	Line card	FD
111	DataGram_SingleCast___External_Lpbk_Test	Line card	FS
112	DataGram_MultiCast___External_Lpbk_Test	Line card	FS
113	DataGram_Metered_____External_Lpbk_Test	Line card	FS
114	DataGram_MtCast_Metd_External_Lpbk_Test	Line card	FS
115	Isochronous_SinglCst_External_Lpbk_Test	Line card	FS
116	Isochronous_MultiCst_External_Lpbk_Test	Line card	FS
117	FSU_Dropped_Cell_Test_(PIT)	Line card	FD
118	FSU_RATIO_Test_(PIT)	Line card	FD

Medium-Speed Line Card Diagnostic Tests

No.	Name	Card	Notes
01	CP_Flash_Checksum_Test	Line card	FDM
02	mc68340_Chan1_DMA_DRAM_to_DRAM_Test	Line card	FD
03	mc68340_Chan2_DMA_DRAM_to_DRAM_Test	Line card	FD
04	mc68340_Timer1_Test	Line card	FD
05	mc68340_Timer2_Test	Line card	FD
06	mc68340_UART_A_Internal_Loopback_Test	Line card	FD
07	mc68340_UART_B_Internal_Loopback_Test	Line card	FD
08	CP_to_DRAM_StuckBit_Memory_Test	Line card	FDM
09	CP_to_DRAM_DataBus_WalkingBit_Test	Line card	FDM
10	CP_to_DRAM_AddrBus_Walking_1s_Test	Line card	FDM
11	CP_to_DRAM_AddrBus_Walking_0s_Test	Line card	FDM
12	CP_to_DRAM_RamData_Pattern_Test	Line card	FDM

No.	Name	Card	Notes
13	CP_to_DRAM_Refresh_Test	Line card	FXM
14	CP_to_DRAM_AddrBus_Indep_Test	Line card	FXM
15	CP_to_DRAM_Marching_1s_Test	Line card	FXM
16	CP_CSR_A_Register_Test	Line card	FD
17	CP_CSR_B_Register_Test	Line card	FD
18	CP_CSR_C_Register_Test	Line card	FD
19	CP_to_TSU_CntrlRAM_StuckBit_Mem_Test	Line card	FDM
20	CP_to_TSU_CntrlRAM_DBus_WalkingBit_Test	Line card	FDM
21	CP_to_TSU_CntrlRAM_ABus_Walking_1s_Test	Line card	FDM
22	CP_to_TSU_CntrlRAM_ABus_Walking_0s_Test	Line card	FDM
23	CP_to_TSU_CntrlRAM_Data_Pattern_Test	Line card	FDM
24	CP_to_TSU_CntrlRAM_AddrBus_Indep_Test	Line card	FXM
25	CP_to_TSU_CntrlRAM_Marching_1s_Test	Line card	FXM
26	CP_to_CTP_PgmMem_DBus_WalkingBit_Test	Line card	FDM
27	CP_to_CTP_PgmMem_ABus_Walking_1s_Test	Line card	FDM
28	CP_to_CTP_PgmMem_ABus_Walking_0s_Test	Line card	FDM
29	CP_to_CTP_PgmMem_RamData_Pattern_Test	Line card	FDM
30	CP_to_TSU_Ctrl_FIFO_StuckBit_Mem_Test	Line card	FDM
31	CP_to_TSU_Ctrl_FIFO_ABus_Walking_1s_Tst	Line card	FDM
32	CP_to_TSU_Ctrl_FIFO_DBus_WalkingBit_Tst	Line card	FDM
33	CP_to_TSU_Ctrl_FIFO_RamData_Pattern_Tst	Line card	FDM
34	CP_to_FSU_Ctrl_FIFO_StuckBit_Mem_Test	Line card	FDM
35	CP_to_FSU_Ctrl_FIFO_ABus_Walking_1s_Tst	Line card	FDM
36	CP_to_FSU_Ctrl_FIFO_DBus_WalkingBit_Tst	Line card	FDM
37	CP_to_FSU_Ctrl_FIFO_RamData_Pattern_Tst	Line card	FDM
38	CP_to_FSU_CtrlSRAM_StuckBit_Mem_Tst	Line card	FDM
39	CP_to_FSU_CtrlSRAM_ABus_Walking_1s_Test	Line card	FDM
40	CP_to_FSU_CtrlSRAM_DBus_WalkingBit_Test	Line card	FDM
41	CP_to_FSU_CtrlSRAM_RamData_Pattern_Test	Line card	FDM
42	CTP_FifoA_StuckBit_Test	Line card	FDM
43	CTP_FifoA_AddrBus_Walking_1s_Test	Line card	FDM
44	CTP_FifoA_DataBus_WalkingBit_Test	Line card	FDM
45	CTP_FifoA_RamData_Pattern_Test	Line card	FDM
46	CTP_FifoB_StuckBit_Test	Line card	FDM
47	CTP_FifoB_AddrBus_Walking_1s_Test	Line card	FDM
48	CTP_FifoB_DataBus_WalkingBit_Test	Line card	FDM
49	CTP_FifoB_RamData_Pattern_Test	Line card	FDM
50	CTP_Control_Fifo_StuckBit_Test	Line card	FDM
51	CTP_Control_Fifo_AddrBus_Walking_1s_Test	Line card	FDM

Medium-Speed Line Card Diagnostic Tests

No.	Name	Card	Notes
52	CTP_Control_Fifo_DataBus_WalkingBit_Test	Line card	FDM
53	CTP_Control_Fifo_RamData_Pattern_Test	Line card	FDM
54	CTP_Control_Ram_StuckBit_Test	Line card	FDM
55	CTP_Control_Ram_AddrBus_Walking_1s_Test	Line card	FDM
56	CTP_Control_Ram_DataBus_WalkingBit_Test	Line card	FDM
57	CTP_Control_Ram_RamData_Pattern_Test	Line card	FDM
58	CTP_Cell_Buffer_StuckBit_Test	Line card	FDM
59	CTP_Cell_Buffer_AddrBus_Walking_1s_Test	Line card	FDM
60	CTP_Cell_Buffer_DataBus_WalkingBit_Test	Line card	FDM
61	CTP_Cell_Buffer_RamData_Pattern_Test	Line card	FDM
62	CP_DRAM_Parity_Test	Line card	FDM
63	CP_RealTime_Clock_Test	Line card	FD
64	SCastDgm_TrunkA_Fifo_Internal_Lpbk	Line card	FD
65	SCastDgm_TrunkB_Fifo_Internal_Lpbk	Line card	FD
66	SCastDgm_Cntrl_Fifo_Internal_Lpbk	Line card	FD
67	MCastDgm_TrunkA_Fifo_Internal_Lpbk	Line card	FD
68	MCastDgm_TrunkB_Fifo_Internal_Lpbk	Line card	FD
69	MCastDgm_Cntrl_Fifo_Internal_Lpbk	Line card	FD
70	SCastDgm_SWA_Cntrl_Fifo_External_Lpbk	Line card	FS
71	MCastDgm_SWA_Cntrl_Fifo_External_Lpbk	Line card	FS
72	SCastSch_SWA_Cntrl_Fifo_External_Lpbk	Line card	FS
73	MCastSch_SWA_Cntrl_Fifo_External_Lpbk	Line card	FS
74	SCastDgm_SWB_Cntrl_Fifo_External_Lpbk	Line card	FS
75	MCastDgm_SWB_Cntrl_Fifo_External_Lpbk	Line card	FS
76	SCastSch_SWB_Cntrl_Fifo_External_Lpbk	Line card	FS
77	MCastSch_SWB_Cntrl_Fifo_External_Lpbk	Line card	FS
78	FSU_Header_LRC_Error_Test	Line card	FD
79	FSU_Payload_LRC_Error_Test	Line card	FD
80	FSU_VRAM_Refresh_Test	Line card	FD
81	PaddleCard_Control_Status_Reg_Test	Access card	FD
82	PaddleCard_E3_Framer_Test	Access card	FD
83	PaddleCard_Serial_Eeprom_Test	Access card	FDT
84	PaddleCard_PLPP_Internal_Reg_Test	Access card	FD
85	T3/E3_PLPP_TrunkA_Fifo_PLPP_Int_Lpbk	Access card	FD
86	T3/E3_PLPP_TrunkB_Fifo_PLPP_Int_Lpbk	Access card	FD
87	E3_only_Framer_TrunkA_Fifo_Int_Lpbk	Access card	FD
88	E3_only_Framer_TrunkB_Fifo_Int_Lpbk	Access card	FD
89	T3/E3_PLPP_TrunkA_Fifo_LIM/MRT_Int_Lpbk	Access card	FD
90	T3/E3_PLPP_TrunkB_Fifo_LIM/MRT_Int_Lpbk	Access card	FD

No.	Name	Card	Notes
91	T3/E3_PLPP_TrunkA_Fifo_Relay_Int_Lpbk	Access card	FD
92	T3/E3_PLPP_TrunkB_Fifo_Relay_Int_Lpbk	Access card	FD
93	T3/E3_PLPP_TrunkA_Fifo_External_Lpbk	Access card	FL
94	T3/E3_PLPP_TrunkB_Fifo_External_Lpbk	Access card	FL
95	PaddleCard_LED_Reg_Test	Access card	FD

