UMC1000A & DMAX1120 LED Functions

Card	LED Label	Color	Status	Description
CPU, CPU-2, CPU-3	FAIL	RED	Solid	Hardware failure on this card
	ACTV	Green	Solid	This CPU active
	STBY	Amber	Solid	This CPU standby
	SYNC	Blue	Solid	Synchronized to timing source
	NE	Amber	Solid	Active alarm in the terminal where the CPU is installed
	FE	Amber	Solid	Active alarm in a terminal other than where the CPU is installed
	CRIT	Red	Solid	Active alarm exists that could place 100 or more customers out of service
	MAJ	Red	Solid	Active alarm exists that could place at least 24 but not more than 100 customers out of service
	MIN	Amber	Solid	Active alarm exists that affects service to less than 24 customers or that has no effect on service
	ACO	Green	Solid	The ACO was pushed to silence an audible alarm but an alarm condition still exists.
			Blinking	Someone at a remote terminal wishes to communicate with someone at this LET over the order wire
L-PSU and R-PSU	FAIL	Red	Solid	Hardware failure on this card
	ACTV	Green	Solid	Online and able to power shelf
	FUSE	Red	Solid	Open fuse on this card
NPSU, EPSU and CPSU60	FAIL	Red	Solid	Hardware failure on this card
	ACTV	Green	Solid	Online and able to provide power to shelf
	LINE	Green	Solid	Line power okay to this card
ELU and EBC	FAIL	Red	Solid	Hardware failure on this card
	ACTV	Green	Solid	Online and providing transmission to other end
	SYNC	Blue	Solid	Cards are synchronized end-to-end. If only LED on, card is standby in a redundant application
FO-XCVR and FOW-XCVR	FAIL	Red	Solid	Hardware failure on this card
	ACTV	Green	Solid	Online and providing transmission to other end
	SYNC	Blue	Solid	Cards are synchronized end-to-end. If only LED on, card is standby in a redundant application
	LOS	Red	Solid	Loss of signal (traffic automatically switched to redundant transceiver if present)
T1-XCVR, T1X-XCVR	FAIL	Red	Solid	Hardware failure on this card
			Blinking	Lost communication with mapped partner on the other end
	ACTV	Green	Solid	Span is online and communicating with the other end
			Blinking	If 120 flashes/minute, card is initializing; if 60 flashes/minute, card is in loopback testing mode
	LOC	Red	Solid	Has a problem with the received signal (LOS, LOF)
	REM	Amber	Solid	Receiving Yellow alarm from the other end of the span
SSR-XCVR	FAIL	Red	Solid	Hardware failure on this card
	ACTV	Green	Solid	Card is active
	SYNC	Blue	Solid	Datalink is present with SSR-XCVR at other end
	LOS	Red	Solid	Loss of signal from other end

UMC1000A & DMAX1120 LED Functions

Card	LED Label	Color	Status	Description
T1HD-XCVR	FAIL	Red	Solid	Hardware failure on this card
T1HD2-XCVR			Blinking	Lost communication with mapped partner on the other end
	ACTV	Green	Solid	Span is online and communicating with the other end
			Blinking	If 120 flashes/minute, card is initializing; if 60 flashes/minute, card is in loopback testing mode
	LOC	Red	Solid	Has a problem with the received signal (LOS, LOF)
		Amber	Solid	HDSL loop has exceeded margin threshold
	REM	Amber	Solid	Receiving Yellow alarm from the other end of the span
T1A, T1AX	FAIL	Red	Solid	Hardware failure on this card
			Blinking	Lost communication with mapped partner on the other end
	ACTV	Green	Solid	Span is online and communicating with the other end
			Blinking	If 120 flashes/minute, card is initializing; if 60 flashes/minute, card is in loopback testing mode
	LOC	Red	Solid	Has a problem with the received signal (LOS, LOF)
	AIS	Blue	Solid	Receiving Alarm Indication Signal (AIS) alarm from the other end of the span
L-POTS and R-POTS	FAIL	Red	Solid	Hardware failure on this card
L-EPOTS and R-EPOTS			Blinking	Mapped and cannot communicate with its partner on the other end (illegal signaling)
	BUSY	Green	Solid	At least one circuit on this card is in use
L-UVG and R-UVG	FAIL	Red	Solid	Hardware failure on this card
L-PAY and R-PAY			Blinking	Mapped and cannot communicate with its partner on the other end (illegal signaling)
L-EBS and R-EBS	BUSY	Green	Solid	At least one circuit on this card is in use
OCU-DP & DS0-DP	FAIL	Red	Solid	Hardware failure on this card
			Blinking	Lost communication with mapped partner on the other end (illegal signaling)
	ACTV	Green	Solid	Online and communicating with CPE
			Blinking	Initializing
	LPBK	Amber	Solid	In loopback testing mode - either OCU loopback or CSU (Channel) loopback
	LOS	Red	Solid	Not receiving signal from CPE
L-ISDN and R-ISDN	FAIL	Red	Solid	Hardware failure on this card
			Blinking	Lost communication with mapped partner on the other end (illegal signaling)
	ACTV	Green	Solid	Circuit is online and communicating with the other end
			Blinking	Initializing
	LPBK	Amber	Solid	In loopback testing mode
MTU	FAIL	Red	Solid	Hardware failure on this card
	ACTV	Green	Solid	Card is active
	TEST	Blue	Solid	Test in progress
	CAL	Amber	Solid	Card is performing self-calibration

UMC1000A & DMAX1120 LED Functions

Card	LED Label	Color	Status	Description
ADSL 6+6	FAIL	Red	Solid	Hardware failure on this card
ADSL 2+6			Blinking	Illegal signaling
ADSL 4+6	BUSY	Green	Solid	At least one POTS circuit is off-hook
	SYNC	Green	Solid	At least one ADSL circuit is enabled and initialized by CPE modem
		Blue	Solid	At least one ADSL circuit is enabled and initialized by CPE modem
ADSL 6+0	FAIL	Red	Solid	Hardware failure on this card
			Blinking	Illegal signaling
	BUSY	Green	Solid	At least one ADSL circuit is undergoing test access
	SYNC	Green	Solid	At least one ADSL circuit is enabled and initialized by CPE modem
OC3c-XCVR	FAIL	Red	Solid	Hardware failure or card is unable to communicate with CPU
OC3cu-XCVR	ACTV	Green	Solid	Online and active
			Blinking	In loopback testing mode
	SYNC	Green	Solid	**Uplink**: ATM cell synchronization
				Concentrator: LED is always off
				Transport: Enabled and initialized (does not apply to OC3cu-XCVR)
				Service: Enabled and initialized (does not apply to OC3cu-XCVR)
	LOC/REM	Red	Solid	**Uplink**: Loss of signal from uplink interface
				Concentrator: LED is always off
				Transport: Loss of signal from transport interface (does not apply to OC3cu-XCVR)
				Service: Loss of signal (does not apply to OC3cu-XCVR)
SHDSL	FAIL	Red	Solid	Hardware failure on this card
			Blinking	Illegal signaling
	SYNC	Green	Solid	The line on the corresponding circuit is enabled and initialized by CPE modem
DS3I-XCVR	FAIL	Red	Solid	Hardware failure on this card
	ACTV	Green	Solid	Card is active
			Flashing	**60IPM**: Loopback mode
				120IPM: Self-test mode

UMC1000A & DMAX1120 LED Functions

Card	LED Label	Color	Status	Description
DLP	Fail	Red	Solid	Hardware failure on this card or initializing (if rebooting)
			Flashing	EOC/TMC data links are not in-service
	ACTV/STBY	Green	Solid	Card is online and active
			Flashing	GR303 groups are provisioned and database is initializing
		Amber	Solid	Card is in standby mode
			Flashing	No GR303 groups are provisioned
TO E&M	FAIL	Red	Solid	Hardware failure on this card
			Blinking	Mapped and cannot communicate with its partner on the other end (illegal signaling)
	ACTV	Green	Solid	Circuits are mapped and ready for use (should always be on if properly mapped)
ETI	FAIL	Red	Solid	Hardware failure on this card
	ACTV	Green	Solid	Card is active
	STBY	Amber	Solid	Card is in standby
	SYNC	Blue	Solid	Synchronized with a valid external timing source
	ALARM	Red	Solid	Major or critical alarm

Document Info:
Rev. 0 May 6, 2000 (Original issue)
Rev. 1 June 29, 2002 (Revision)
Rev. 2 August 22, 2002 (Correction)
Rev. 3 July 2, 2003 (Added OCU-DP loopback info)

REEVE ENGINEERS

Sound Advice In Telecommunications