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Refurbished CISCO 6DS3-SMB-B Datasheet

CISCO > ROUTERS

Cisco 12000 Series Routers

Product Features

Reliability and Availability	Online insertion and removal (OIR), enabling insertion and removal of line cards without affecting traffic flows through other line cards
Network Management	Cisco IOS ® Software command-line interface (CLI) Simple Network Management Protocol (SNMP) MIBs: DS-3/E3 MIB (RFC 1407) Frame Relay MIB (RFC 1315) MIB-II Receive and transmit alarm processing
Interfaces	Local (internal) or loop (recovered from network) clocking mode Both local (diagnostic) and network (line) loopback
Packet-Layer Features	Cisco Express Forwarding table that can accommodate up to 1 million forwarding entries Application-specific integrated circuit (ASIC)-based queuing QoS support: Committed access rate (CAR) Weighted Random Early Detection (WRED) Modified Deficit Round Robin (MDRR) Multiprotocol Label Switching (MPLS) VPN Traffic engineering Class of service (CoS)
Layer 2 Encapsulations	High-Level Data Link Control (HDLC) Point-to-Point Protocol (PPP; RFCs 1661 and 2153) IETF RFC 1490 Frame Relay Encapsulation
DS-3 Specifications	Full- and half-duplex connectivity at DS-3 rate (44.736 MHz) Scrambling and subrate support of major data-service-unit (DSU) vendors C-bit or M13 framing (software selectable) Support for16- and 32-bit cyclic redundancy checks (CRCs) (16-bit default) Line build-out: configurable for up to 450 ft 24-hour history maintained for error statistics and failure counts DS-3 alarm and event detection (once per second polling) Alarm indication signal (AIS) Out of frame (OOF) Far-end receive failure (FERF) Complete compatibility of T3 DSU/channel service unit (CSU) subrate and scrambling features with the following vendors: Cisco, ADC Kentrox, Digital Link, and LarseCom
E3 Specifications	ITU-T G.751 as applicable Full-duplex connectivity at E3 rate (34 Mbps) Scrambling and subrate support of major DSU vendors Support for 16- and 32-bit cyclic redundancy checks (CRCs) (16-bit default) 24-hour history maintained for error statistics and failure counts E3 alarm and event detection (once per second polling) AIS Loss of frame (LOF) Remote alarm indication (RAI) Complete compatibility of E3 DSU/CSU subrate and scrambling features with the following vendors: Cisco, ADC Kentrox, and Digital Link

Compliance and Agency Approvals

Environmental	Operating temperature: 32 to 104°F (0 to 40°C) Storage temperature: -4 to 149°F (-20 to 65°C) Relative humidity: 10 to 90%, noncondensing, operating conditions 5 to 95%, noncondensing, nonoperating conditions

Safety	UL 1950 CSA 22.2-No. 950 EN60950 IEC 60950 CB Scheme ACA TS001 AS/NZS 3260
EMI	FCC CFR 47-Part 15 1998 Class A ICES 003 Class A AS/NRZ 3548 Class A EN55022 Class B (up to 1 GHz) VCCI Class A CISPR 22 Class B (up to 1 GHz) BSMI/CNS 13438: 1997 Class A IEC-1000-3-2 Power line harmonics IEC 61000-3-3 Voltage fluctuations and flicker
Immunity (basic standards)	IEC-1000-4-2 ESD (8-kV contact, 15-kV air) IEC-1000-4-3 Radiated immunity (10 V/m) IEC-1000-4-4 EFT (2-kV power port, 1-kV signal port) IEC-1000-4-5 Surge AC port (4-kV CM, 2-kV DM) IEC-1000-4-5 Surge Signal port (2-kV CM, 1-kV DM) IEC-1000-4-5 Surge DC port (0.5-kV CM, 0.5-kV DM) IEC-1000-4-6 Low Frequency Conductive Immunity, (10V) IEC-1000-4-11 Voltage dips and sags EN55024\CISPR24 ITE Immunity
ETSI and EN	EN300 386
Network Equipment Building Standards (NEBS)	These products have been designed to meet the following requirements: SR-3580-NEBS: criteria levels (Level 3 compliant) GR-63-Core-NEBS: physical protection GR-1089-Core-NEBS: EMC and safety
Frame Relay	RFC 1490-Multiprotocol Encapsulation RFC 1315-Frame Relay Management Information Base RFC 1293-Frame Relay Inverse Address Resolution Protocol FRF 1.1-User-Network Interface (UNI) FRF 2.1-Frame Relay Network-to-Network Interface (NNI) FRF 3.1-Multiprotocol encapsulation
Other Standards	Gang of Four LMI Q.922 Annex A ANSI T1.617 Annex D ANSI T1.618, T1.606 ITU-T Q.933, Q.922

The next steps...

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