SEPITAM

ONE STEP SMARTER

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FS208F-DG

TYPE:

Sepitam-FS208F-DG

Sepitam enterprise-grade switches are available in managed, unmanaged, PoE, and non-PoE models. The advanced PoE technology simplifies powering various network devices, and high-capacity switches enhance network scalability. With robust management features, these switches enable Layer 2 protocol configurations, delivering superior network efficiency and security.

▸ TYPE: Sepitam-FS208F-DG

▸ Technical Specification of Sepitam-FS208F-DG

▸ 8*10/100/1000Base-X SFP fiber ports & 2*10/100/1000Base-T
   RJ45 ports Enterprise Switch

▶ Description:

Sepitam-FS208F-DG presents a new compact, high-performance switch that features eight Gigabit ports and 18-Gigabps Ethernet switching capacity. The small size and high performance non-blocking switching make this core switch suitable for top-of-rack (ToR) deployment in data centers or enterprise and campus aggregation network environments. Eight ports of high-performance Gigabit Ethernet and legacy Fast Ethernet with optional Small Form-factor Pluggable (SFP) transceivers supports both fiber and copper connections. Using appropriate SFP modules, makes this switch applicable in high performance optical networks. Additionally, it has two port LAN 10/100/1000 to connect and utilize as next up-link. Sepitam-FS208F-DG is a highly integrated solution ideally and thoroughly suited for standalone Gigabit Ethernet optical switches and Gigabit fiber optic control plane and telecommunication backplane applications.

▶ Properties:

- Fast performance with up to 18Gbps switching capacity

- 8 SFP based 1Gbps ports

- Two LAN 10/100/1000 as next up-link

- Supports up to 4k unicast MAC addresses

- Supports MAC-based port aggregation (trunking)

- Full-duplex (802.3x) and half-duplex options support

- Supports automatic address learning and aging

- Low power 0.13 um 1.2 V CMOS core: <1.5W Pd.

- Fan less operation support

- Port-based rate control feature with 64kbps granularity

▶ Advantages:

- Enables a new generation of lower-cost switches with Gigabit Ethernet connectivity and much smaller form factors.

- Uses field-proven industry-standard Gigabit Ethernet SerDes which lowers overall system interoperability and reliability risks.

- Creates the most cost-effective Gbps optical switch network.

- CPU is not required to initialize and run in cost-sensitive unmanaged applications, providing true plug-and-play connectivity.

- SGMII interfaces ensure superior EMI performance and lowest possible number of required board layers while enabling connections to industry-standard physical layer devices (e.g., BCM5464R)

- Lowest possible system cost through minimized number of external components.

- Higher system reliability and noise reduction due to fanless design.

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