

NETGEAR AXM751 Datasheet



NETGEAR AXM751 ProSAFE 10GBASE-LR XFP Optics Module

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The AXM751 is a hot pluggable 10Gbps small form factor transceiver module integrated with the high performance 850nm VCSEL transmitter, high sensitivity PIN receiver and signal conditioner for 10Gbps applications. It is compliant with the INF-8077i XFP Multi-source Agreement (MSA).

The AXM751 is designed to be compliant with INF-8077i XFP Multi-source Agreement (MSA) with five digital monitoring functions: Temperature, Vcc, Tx optical power, TX laser bias current and RX received optical power.

Features

- RoHS compliant
- 850nm Vertical Cavity Surface Emitting Laser (VCSEL) light source
- Standard LC duplex fiber-optic connector
- Compliant with XFP MSA
- I2C for integrated Digital Optical Monitoring
- Power consumption <1.37 W
- User friendly Plug-and-play style "Hot Swap"
- Small footprint which enables high board density
- XFI high speed I/O electrical interface
- Integrated signal conditioner to extend 200mm FR4 PCB trace signaling

Applications

- 10G LAN switch
- 10G Ethernet switch/router
- 10G Fiber channel
- SAN applications

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