



GPON SFP

GOXS-BI4312-20PON++

Features:

- Single fiber bi-directional data links symmetric 1.25Gbps application
- 1490nm continuous-mode DFB laser transmitter and 1310nm burst-mode APD-TIA receiver
- Reset-less burst-mode receiver simplify the system design
- +5~+8dBm high Average Launch Optical Power
- More than 25dB wide dynamic range
- 0 to 70°C operating temperature
- Single 3.3V power supply
- Digital diagnostic monitoring interface
- Digital burst RSSI function to monitor the input optical power level
- LVPECL compatible data input/output interface
- LVTTL transmitter disable control
- LVTTL transmitter laser fault alarm
- LVTTL receiver loss of signal indication
- Low EMI and excellent ESD protection
- Class I laser safety standard IEC-60825 compliant
- RoHS compliance for SOEB4366-PSGE

APPLICATIONS

- Gigabit Ethernet Passive Optical Networks (GEPON) 20Km 1:32 application or 10/20Km 1:64 application
- STANDARDS
- Complies with SFP Multi-Source Agreement (MSA) SFF-8074i
- Complies with IEEE 802.3ahTM-2004
- Complies with FCC 47 CFR Part 15, Class B
- Complies with SFF-8472 Rev 9.5
- Complies with FDA 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No 50, dated June 24, 2007