



## NEON-SFP-SC-T

# 1.25/1.063Gbps SFP Transceiver

### Features

- ◆ Operating data rate up to 1.25Gbps
- ◆ 1310nmFP Tx/1490nmRx
- ◆ Distance Up to 10 km
- ◆ Single 3. 3V Power supply and TTL Logic Interface
- ◆ Simplex LC Connector Interface
- ◆ Hot Pluggable
- ◆ Operating Case Temperature  
Standard: 0 °C~+70 °C,  
Industrial:-40 °C~+85 °C
- ◆ Compliant with MSA SFP Specification
- ◆ Digital diagnostic monitor interface  
Compatible with SFF-8472



### Applications

- ◆ SONET/SDH Equipment Interconnect
- ◆ Fiber Channel Links
- ◆ WDM Gigabit Ethernet Links

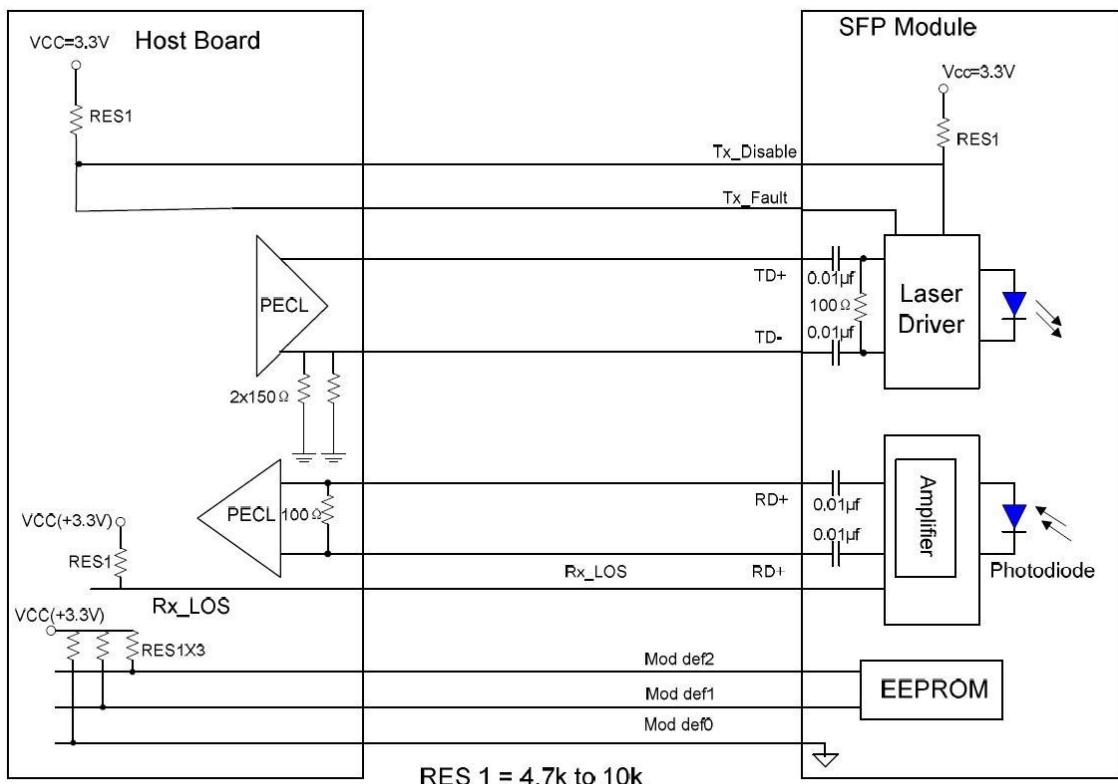
### Product Description

The NEON-SFP-SC-T is a small form factor pluggable module for Gigabit Ethernet 1000BASE-BX and Fiber Channel single fiber communications by using a 1310nm transmitter and a 1490 nm receiver. It is with the SFP 20-pin connector to allow hot plug capability.

The transmitter section uses a multiple quantum well type laser and is Class 1 Laser compliant according to International Safety Standard IEC 60825. The receiver section uses an integrated type detector preamplifier (IDP) mounted in an optical header and a limiting post-amplifier IC.

The NEON-SFP-SC-T is designed to be compliant with SFF-8472 SFP Multi-source Agreement (MSA).

## Recommend Circuit Schematic



## Mechanical Specifications

