

# 100Gb/s CFP4 Optical Transceiver Module

## SFF1411L4LNNG01B

(100GBASE-LR4, OTU-4, 1300nm 4-lane LAN WDM, DML, PIN-PD)

### Features


- ◆ 4-lane x 25.78Gb/s L-WDM Optical Interface
  - High quality and reliability optical sub-assemblies
  - 1300nm Cooled WDM DFB Transmitter with optical MUX
  - High Sensitivity PIN-TIA with optical DEMUX
  - 1300nm band with 800GHz spacing LAN WDM grid up to 10km over a SMF
- ◆ IEEE802.3 Compliant
  - IEEE802.3 Clause 88 100GBASE-LR4
  - CAUI-4(4x25G) Electrical Interface
  - CFP MIS2.2 compliant MDIO Interface for module management
- ◆ OTU-4 Rate Operation
  - 4x27.95Gb/s lane operation to support OTU-4
  - ITU-T 411-9D1F compatible 2km Optical I/F(Option)
- ◆ CFP4 MSA Compliant
  - Easy supply management for hot pluggability
  - CFP MSA Form Factor
  - 56pin Electrical Connector
  - Duplex LC Receptacle
- ◆ Low Power Consumption
  - 3.3V single power supply, Max 6W.
- ◆ RoHS Compliant




### Applications

- 100GE Enterprise switches and routers
- Point to Point and Ring Application
- Inter Rack Connection
- Other high speed data connections

#Safety Precaution Symbols: This specification uses various picture symbols to prevent possible injury to operator or other persons or damage to properties for appropriate use of the product. The symbols and definitions are as shown below. Be sure to be familiar with these symbols before reading this specification.

 **Caution** Wrong operation without following this instruction may lead to human injury or property damage.

 **Warning** Wrong operation without following this instruction may lead to human death or serious injury.

Examples of picture symbols



indicates prohibition of actions. Action details are explained thereafter.



indicates compulsory actions or instructions. Action details are explained thereafter.