100Gb/s CFP4 Optical Transceiver Module

SFF1400L4 series

(100GBASE-LR4, 1300nm 4-lane LAN WDM, DML, PIN-PD, 10km)

Features

- ◆ 4-lane x 25.78Gb/s L-WDM Optical Interface
  - ➢ High quality and reliability optical sub-assemblies
  - ➢ 1300nm band with 800GHz spacing LAN WDM grid up to 10km over a SMF
  - ➢ High Sensitivity PIN-TIA with optical DEMUX
- ◆ IEEE802.3 Compliant
  - ➢ IEEE802.3 Clause 88 100GBASE-LR4
  - ➢ CAUI-4(4x25G) Electrical Interface
  - ➢ CFP MIS2.2 compliant MDIO Interface for module management
- ◆ CFP4 MSA Compliant
  - ➢ Easy supply management for hot pluggability
  - ➢ CFP MSA Form Factor
  - ➢ 56pin Electrical Connector
  - ➢ Duplex LC Receptacle
  - ➢ Pull Tab and Bail Latch(Option) is available
- ◆ Low Power Consumption
  - ➢ 3.3V single power supply
- ◆ RoHS6 Compliant

Applications

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

Application Block Diagram