

## 10Gb/s SFP Optical Transceiver Module

### SPP5200DAGLWFxxx

(CPRI application and 10GBE, 40km DWDM Cooled EA-DFB-LD, APD)

#### Features

- ◆ 10Gb/s Serial Optical Interface
  - High quality and reliability optical device and sub-assemblies
  - CPRI application and 10Gb/s Compatible Optical Interface High quality and reliability optical device and sub-assemblies
  - DWDM cooled EA-DFB laser for up to 40km over Single Mode Fiber
  - High sensitivity APD and TIA
  - 23dB Power Budget
- ◆ SFP+ MSA Compliant
  - Easy supply management for hot pluggability
  - Duplex LC Receptacle
  - SFP Mechanical Interface for easy removal
  - SFI High Speed Electrical Interface
  - 2-wire interface for management and diagnostic monitor
  - Tx\_Disable and Rx\_LOS functions
- ◆ Protocol
  - CPRI Specifications
  - IEEE802.3ae 10 Gigabit Ethernet LAN PHY/  
WAN PHY
- ◆ Power Supply
  - Single 3.3V power supply
  - Max 1.5W power consumption
- ◆ RoHS compliant



#### Applications

- ◆ Radio Base Station
- ◆ Radio Equipment Control (REC)
- ◆ Radio Equipment (RE)
- ◆ 10GE Ethernet switches and routers
- ◆ Other high speed data connections

