

# OPTICAL I/O CORE Evaluation Board EVA-XW80001-ESB (Engineering Sample) 4-Channel Transmitter / Receiver Parallel Optical Modules



## Features of Optical I/O Core

- 4 channel transmitter and 4 channel receiver Integrated module
- High Channel Capacity: 25Gbps x 4 Channels
- High density: 5.0 mm X 5.0 mm size.
- Low power consumption per Gbps: < 10 mW/Gbps for TX-RX pair
- 1.3-um Laser array in transmitter; PD array in receiver
- Operates up to 25.8 Gbps with 64b/66b compatible coded data (PRBS-31) (TBD)

## Feature of Evaluation Board

- Board for easy evaluation of the Optical I/O Core
- 5.0V and 3.3V power supply
- Controlled by quasi-I2C
- Mini-SMP connector for high speed signal
- USB Interface for control signal
- User can select Internal LD driver and External LD driver
- Size: w 145 x d 85 mm

