**Coherent Building Blocks**

**Integrated Coherent TROSA up to 43 Gbaud Symbol Rates**
- Suitable for CFP2-DCO compact form factor
- Supports up to 200G with 8QAM or 16QAM
- Smart TROSA adds integrated management and monitoring for quick design in

**Micro-ITLA**
- 400-600G suitable
- +17.8 dBm output power
- 100 kHz linewidth, ultra-low phase noise
- OIF-MSA-micro-ITLA-1.3 compliant

**Integrated Coherent TROSA up to 69 Gbaud Symbol Rates**
- Suitable for CFP2-DCO compact form factor
- Supports 100G – 600G transmission
- Complete optoelectronics – just add DSP

**Dual ITLA**
- Two independently controllable lasers
- 400-600G suitable
- +17.8 dBm output power
- 100 kHz linewidth, ultra-low phase noise

**High Bandwidth Coherent Driver Modulator (HB-CDM)**
- Co-packaged DP I/Q MZM and linear quad driver
- Supports baud rate up to 96 Gbaud
- Supports modulation formats from DP-QPSK to DP-64QAM
- Integrated SOAs for optical power provisioning
- OIF-MSA HB-CDM-1.0 compliant