

## CA-FTM7992HM 64Gbaud LN Modulator



100G/200G LN Modulator

### **Description**

#### **64Gbaud LN Modulator (FTM7992HM)**

- **Supporting 200G DP-QPSK/400G DP-xQAM transmission format**
- **Compact size: 81.7 x 12.5 x 6.5 (mm)**
- **Bandwidth: 35GHz@3dB, 45GHz@6dB**
- **RF interface: G3PO**
- **OIF HB PMQ modulator Compliant (under discussion)**
- **RoHS compliant**
- **Applications:**
  - **200G DP-QPSK optical transmission equipment**
  - **400G DP-xQAM optical transmission equipment**

**100G/200G SFF LN Modulator (FTM7979HKA)**

- **Mach-Zehnder modulator using LiNbO<sub>3</sub>**
- **Supporting 100G DP-QPSK/200G DP-xQAM transmission format**
- **2 QPSK modulators and Polarization Beam Combiner are integrated in one Package**
- **RF interface: FPC**
- **Compact size: 82 x 10 x 5.5 (mm)**
- **Low drive voltage: 3.5V (at 32Gbps)**
- **Built-in monitor photo diodes for each polarization**
- **RoHS compliant**
- **OIF 1.2 Type 4 Compliant**
- **Applications:**
  - **100G DP-QPSK optical transmission equipment**
  - **200G DP-xQAM optical transmission equipment**

**100G/200G LN Modulator (FTM7977HQA)**

- **100G Mach-Zehnder modulator using LiNbO<sub>3</sub> for "DP-QPSK" transmission format**
- **2 QPSK modulators and Polarization Beam Combiner are integrated in one Package**
- **RF interface: GPPO single ended (Consistent with OIF project)**
- **Low drive voltage: 3.5V (at 32Gbps)**
- **Built-in monitor photo diodes for each polarization**
- **RoHS compliant**
- **OIF compliant**
- **Applications:**
  - **100G DP-QPSK optical transmission equipment**
  - **200G DP-xQAM optical transmission equipment**