

25G Wireless/Enterprise Chipset

MASC-37028/29

- Low power 28G VCSEL driver combo chip for 25GbE, 32GFC and wireless CPRI applications
- AC coupled VCSEL Driver with up to 12.8 mA of bias current and ≥ 11 mA modulation current
- Integrated Tx and Rx CDRs from 24 Gbps to 28.1 Gbps
- Integrated Fibre Channel RS0/RS1 rate select functionality

131D-25G-LT5TC

- 1310 nm wavelength
- TO56
- -5°C - 85°C operation temperature
- 2 - 10 km transmission

MALD-37030/31

- SFP28 LR for 25GbE, 32GFC and wireless CPRI applications
- DC coupled laser driver with up to 100 mA of bias current and 75 mA of modulation current
- Tx and Rx CDRs from 24 Gbps to 28.1 Gbps
- Internal integrated power management (PMIC) with synchronous 1.8 V buck converter and laser anode buck-boost converter up to 4.5 V

APD28A

- Avalanche photodiode chip or CoC
- High data rate, up to 28 Gbps
- 1250 to 1650 nm wavelength range
- Low V_{br} Temperature coefficient

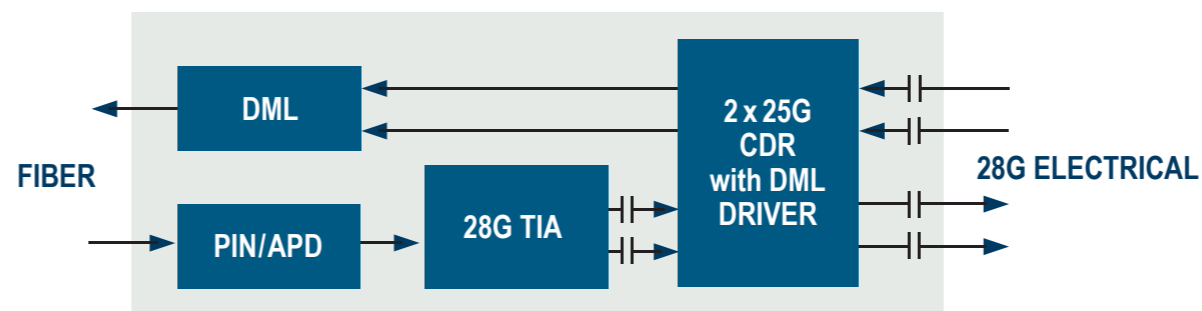
M03002

- Single channel TIA for ROSA or Chip-on-board assembly
- Low power operation typical 100 mW
- Data rates from 8.5 to 28 Gbps
- 21 GHz bandwidth in high rate mode
- Typical -18 dBm sensitivity at 25.78 Gbps

MATA-3003/3013

- 2nd Gen single channel TIA for ROSA or Chip-on-board assembly
- Low power operation typical 80 mW
- Data rates from 8.5 to 28 Gbps
- 21 GHz bandwidth in high rate mode

SFP28 LR



SFP28 SR

