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# MALD-38435

## Quad 28GBaud PAM4/NRZ VCSEL Driver

The MALD-38435 is a four channel 28GBaud PAM4/NRZ linear VCSEL Driver designed to modulate VCSELs in transmit path of optical modules. The outputs are spaced on 250  $\mu\text{m}$  centers to be compatible with standard optical interfaces. The device provides a two-wire serial interface which allows digital programmable control of bias and modulation currents. The MALD-38435 is available in a 3 mm x 2 mm die supplied in waffle packs or wafers. The device is a companion to the MAOM-38051/MAOM-38053 Quad 28GBaud PAM4/NRZ CDR with Adaptive Equalizer and Eye Shaping for complete transmit path.

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## Applications

- 100G
- 200G
- Active Optical Cables
- On board optical engines

## Datasheet

- [MALD-38435 V2P.pdf](#)

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**Part Package MACOM**

## Number

**MALD-38435B-DIE**

Driver, Quad 28G PAM4/NRZ VCSEL DIE [Inquire](#)

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