

28 Gbaud Single-Channel, Linear DML Driver in LGA Package

Part No.

IN2611DD

Product Type

Linear Drivers

Market Segments

Inside Data Centers

Applications

5G 50G mid/back-haul

Features

- Supports baud rates up to 28 Gbaud PAM4
- Differential-ended inputs, differentialended linear outputs
- Output bias-T included
- Excellent THD
- Peak detector outputs
- Low power consumption
- RoHS6-compliant package
- Thermal down
- L2 reliability GR468
- Available in LGA package
- Unconditionally stable and exempt of any spurious tones or oscillation either inband or out-of-band

Description

The IN2611DD is a 28 Gbaud single-channel linear differential-inputs, differential outputs Directly Modulated Laser (DML) driver designed to drive DML TOSA with FPC interface used in 5G 50G applications.

The IN2611DD has excellent THD and low power consumption.

The IN2611DD has wide adjustable gain and includes the output peak detector function.

The IN2611DD is available in an RoHS6-compliant hybrid package with SMT interface with integration of high frequency bias-Ts at the output.



To deliver the data infrastructure technology that connects the world, we're building solutions on the most powerful foundation: our partnerships with our customers. Trusted by the world's leading technology companies for 25 years, we move, store, process and secure the world's data with semiconductor solutions designed for our customers' current needs and future ambitions. Through a process of deep collaboration and transparency, we're ultimately changing the way tomorrow's enterprise, cloud, automotive, and carrier architectures transform—for the better.

Copyright © 2021 Marvell. All rights reserved. Marvell and the Marvell logo are trademarks of Marvell or its affiliates. Please visit <u>www.marvell.com</u> for a complete list of Marvell trademarks. Other names and brands may be claimed as the property of others.