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

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## 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.

## Features

- Supports baud rates up to 28 Gbaud PAM4
- Differential-ended inputs, differential-ended 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 in-band or out-of-band

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Marvell_IN2611DD_PB Revised: 05/21