

# 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

**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