

Product Brief

LPD2110

InGaAs PIN Photodiode



Key Features

- Large aperture
- Low operating voltage
- Low dark current
- Low capacitance
- Telcordia Qualified
- Optimized for 1490 nm

Applications

- GPON/Super TIA

Description

The Broadcom® LPD2110 is a mesa-structured, InGaAs-based PIN photodiode offering high responsivity, low dark current, and low capacitance designed for GPON/Super TIA applications requiring very high sensitivity. The LPD2110 combined with a Super TIA can replace the more costly traditional APD-based solutions for these applications.

Ordering Information

InGaAs PIN Photodiode: Blue tape, 6" hoop frames, max. 16,000 die/frame	LPD2110
InGaAs PIN Photodiode: 2" Gel-Pak, vacuum release, max. 100 die/pack	LPD2110-GP