

SPD2012-x

GaAs PIN Photodiode Arrays (x = 4, 12)

APPLICATIONS

- Short-reach optical networks
- Multi-mode datacom and telecom
- Fiber-optic transceivers, receivers and transponders

FEATURES

- Large aperture
- Low operating voltage
- Low capacitance
- Telcordia Qualified



Cosemi's SPD2012-x is a mesa-structured, GaAs-based PIN photodiode offering high responsivity, low dark current and low capacitance for high bandwidth, high performance optical receiver designs. The SPD2012-x comes in a 1x4 and 1x12 array.

The large, co-planar contact pads allow for convenient automated wirebonding or flip-chip attachment and low parasitic capacitance.

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