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.