

SPD2025-12X

GaAs PIN Photodiode 1x12 Array



FEATURES

- Large aperture
- 20 GHz bandwidth
- Low capacitance
- Die Level Hermeticity

APPLICATIONS

- 12x25Gb/s links
- 300G HPC Mid-Board Optics
- Multimode datacom

Cosemi's SPD2025-12X is a mesa-structured, GaAs-based 1x12 PIN photodiode array offering high responsivity, low dark current and low capacitance for high bandwidth, high performance optical receiver designs. The photodiodes' low parasitics make it ideal for high speed, multimode 12x25Gb/s and 12x28Gb/s applications. The SPD2025 is also available in singlets (SPD2025) and 1x4 array sizes (SPD2025-4X).

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This semiconductor is manufactured with **Die Level Hermeticity Technology** (DLH Technology).

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