

# SPD2025-4X

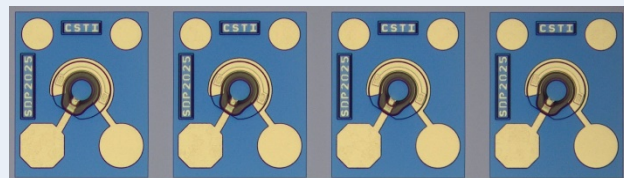
## GaAs PIN Photodiode 1x4 Array

### FEATURES

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

### APPLICATIONS

- 4x25Gb/s links
- 100G Ethernet SR4
- Multimode datacom
- Active Optical Cables
- Fiber-optic transceivers, receivers and transponders



Cosemi's SPD2025-4X is a mesa-structured, GaAs-based 1x4 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 4x25Gb/s and 4x28Gb/s applications in combination with today's high performance 4x28Gb/s quad channel transimpedance amplifiers (TIA). The SPD2025 is also available in singlets and 1x12 array sizes (SPD2025-12X).

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

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