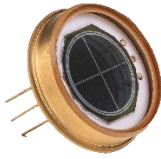


## Silicon Photodiodes



Silicon photodiodes are semiconductor devices used for the detection of light from the ultra-violet to the near-IR regions (200nm – 1100nm). OSI Optoelectronics has developed a wide variety of photodiodes which are suitable for many applications such as: Position Sensing, Power Monitoring, X-Ray & Gamma Detection, etc.. Ask us about our custom photodiode capabilities.

Type:

- 1064nm Nd: YAG Photodiodes
- Avalanche Photodiode (APD)
- Back-Illuminated SMT Photodiodes
- Backscatter Photodiodes
- Blue Enhanced Photodiodes
- BPX65-100
- BPX65-100 Photodiode Amplifier Hybrid
- Duo-Lateral Position Sensing Detectors (PSD) OneDimensional
- Duo-Lateral Position Sensing Detectors (PSD) Two-Dimensional
- Eye Response Photodiodes
- Fully Depleted Radiation Photodiodes
- High Speed Photodiode (1.25Gbps)
- High Speed Photodiodes
- Linear Photodiode Arrays
- Multi-Element X-ray Array Photodiodes
- Photoconductive Photodiodes
- Photodiode Amplifier Hybrid (1.25GBPS)
- Photodiodes Amplifier Hybrids (Operational Amplifier Spec)
- Photodiodes Amplifier Hybrids (Photodiode Specification)
- Photodiodes with Optical Filters
- Photovoltaic Photodiodes
- Plastic Molded and Surface Mount Photodiodes
- Quadrant and Bi-Cell Photodiodes (SPOT Series)
- Quadrant Detector Amplifiers
- Quadrant Photodiode PSDs
- Soft X-ray, Far UV Photodiodes
- Solderable Chip Photodiodes
- Tetra-Lateral Position Sensing Detectors (PSD) One-Dimensional
- Tetra-Lateral Position Sensing Detectors (PSD) Two-Dimensional
- Two-Dimensional Photodiode Arrays
- Two Color Sandwich Photodiodes
- UV Enhanced 100% QE Photodiodes
- UV Enhanced Near-IR Suppressed Photodiodes
- UV Enhanced Planar Diffused Photodiodes

## ***InGaAs Photodiodes***

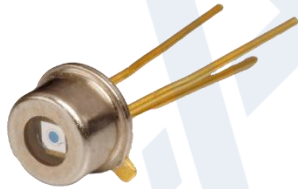


InGaAs photodiodes are semiconductor devices used for the detection of light in the NIR, (700nm – 1700nm wavelengths). OSI Optoelectronics has developed a wide variety of photodiodes which are suitable for a plethora of applications within this spectrum such as: Back Facet Detection, Power Monitoring, DWDM Components, OTDR Measurements, etc... Ask us about our custom photodiode capabilities.

Type:

- 10 Gbps Photodiodes
- Back Illuminated Arrays
- Broadband AR Coated Photodiodes
- Detector Amplifier Hybrids
- High Speed Photodiodes
- Large Area Photodiodes
- Linear Arrays
- Monitor Photodiodes
- Pigtail Photodiode Assemblies
- Quadrant Photodiode PSDs

## ***GaAs Photodiodes***



Our GaAs-based photodiodes with a 100 $\mu$ m active area and sensitivity range of 400 to 850nm are integrated with a wide dynamic range transimpedance amplifier.

Type:

- Detector Amplifier Hybrid