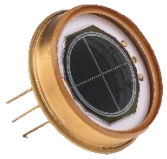
Silicon Photodiodes



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 100µm active area and sensitivity range of 400 to 850nm are integrated with a wide dynamic range transimpedance amplifier.

Type:

Detector Amplifier Hybrid