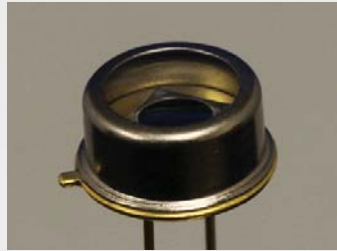


MARKTECH DETECTOR SERIES

Specialty photo detectors (GaP Schottky):

UV up to the visible spectrum (150 nm - 550 nm) Optimized for UV range.



Standard photovoltaic silicon

photodiodes: Have a spectral sensitivity in the 400nm to 1100nm range for applications such as Spectroscopy Equipment and sensing requiring broadband sensitivity with enhancements in the blue/green region.

Silicon Photo Transistors: for use in the 400nm to 1100 range for applications that require very high sensitivity, uniform response and increased reliability such as card readers and optical sensors.

Silicon Avalanche Photodiodes: For high speed & low light level detection in the near infrared and optimized for 800nm or 905nm peak response.

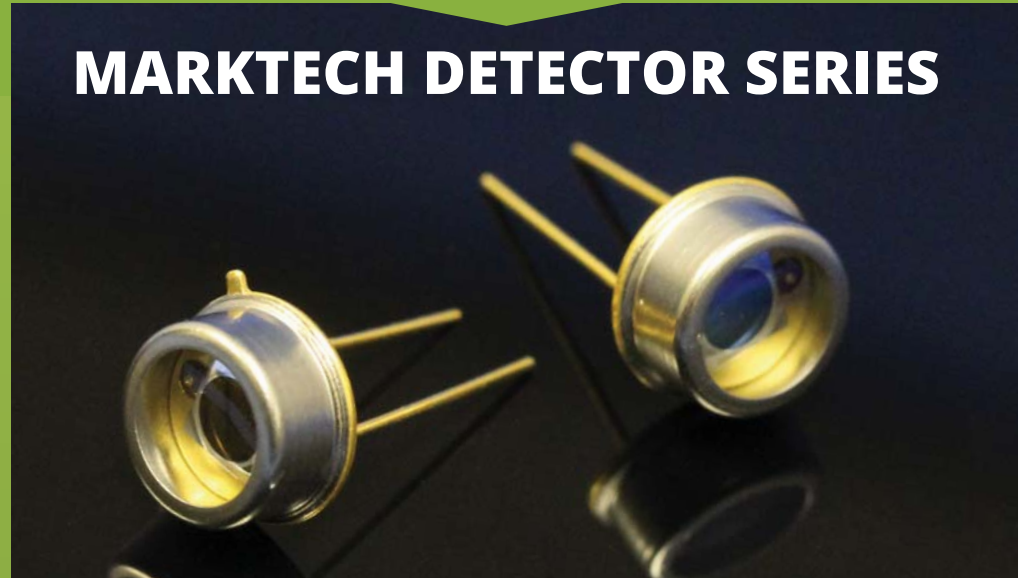
InGaAs PIN Photodiodes: 800nm - 2600nm using InGaAs/InP technology results in a high sensitivity and high reliability product series. It is ideally suited for applications requiring sensing in the SWIR wavelength range such as spectrometers and other types of medical and diagnostic equipment. We offer a variety of active areas as well as options to combine both a SWIR emitter and detector in the same package.



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Visit us at www.marktechopto.com

MARKTECH DETECTOR SERIES



Marktech offers a large assortment of photodetectors operating from 250nm-2.6um, product ranging from Si and GaP photodiodes to InGaAs PIN Photodiodes.

OPTOELECTRONICS. CUSTOMIZED.

GaP/Schottky, InGaAs PIN PD

Product	Wavelength (nm)	Spectral Range	Type	Package
MTPD3650D-1.4	365	245-400	GaP Photodiode UV	TO-46 Metal can Flat
MTPD1500D-2.5	440	150-550	GaP Photodiode UV	TO-39 Metal can Flat
MTPD4400D-1.4	440	190-570	GaP Photodiode UV	TO-46 Metal can Flat
MTD5052N	525	410-580	GaP Photodiode UV	TO-18 Metal Can Domed
MTD5052W	525	410-580	GaP Photodiode UV	TO-18 Metal Can Flat
MTPD1346D-010	1300	800-1750	InGaAs PIN Photodiode	TO-46 Metal Can Flat -2 pin
MTPD1346D-030	1300	800-1750	InGaAs PIN Photodiode	TO-46 Metal Can Flat -2 pin
MTPD1346D-050	1300	800-1750	InGaAs PIN Photodiode	TO-46 Metal Can Flat -2 pin
MTPD1346D-080	1300	800-1750	InGaAs PIN Photodiode	TO-46 Metal Can Flat -2 pin
MTPD1346D-100	1300	800-1750	InGaAs PIN Photodiode	TO-46 Metal Can Flat -2 pin
MTPD1346D-150	1300	800-1750	InGaAs PIN Photodiode	TO-46 Metal Can Flat -2 pin
MTPD2246-100	1950	900 -2100	InGaAs PIN Photodiode	TO-46 Metal Can Flat -2 pin
MTPD2646-100	2300	900 -2600	InGaAsPIN Photodiode	TO-46 Metal Can Flat -2 pin

Available online at



In addition to our standard products we offer Marktech's detector die packaged in a variety of packages from metal can TO18 to 1 inch diameter, surface mount and standard 3mm and 5mm plastic packages. We can also incorporate the detector die in custom designed Hybrids, with integral Optical filters and custom module assemblies.

See the full list at:
www.marktechopto.com/detectors

Silicon Photodiodes, Transistors and Si APD

Product	Wavelength (nm)	Spectral Range	Type	Package
MTD5010N	850	400-1100	Si Photodiode	TO-18 Metal Can Domed
MTD5010W	850	400-1100	Si Photodiode	TO-18 Metal Can Flat
MTD6100PT	880	400-1100	Si Photodiode	Pigtail Metal Can Domed
MTD3910N	900	400-1100	Si Photodiode	TO-18 Metal Can Flat
MTD3910PM	900	400-1100	Si Photodiode	TO-18 Low Profile
MTD1200M3B	925	400-1100	Si Photodiode	3mm Ceramic
MTD3910D3	940	400-1100	Si Photodiode	3mm Plastic Flat
MT03-001	940	350-1100	Si Photodiode	TO-5 Can w/ 3.73mm Cap
MT03-002	940	350-1100	Si Photodiode	TO-5 Can w/ 3.73mm Cap
MT03-003	940	350-1100	Si Photodiode	TO-5 Can w/ 3.73mm Cap
MT03-004	940	350-1100	Quad Si Photodiode	TO-5 Can w/ 2.65mm Cap
MTD8600N-T	880	400-1100	Si Photo Transistor	TO-18 Metal Can Domed
MTD8600T4-T	880	400-1100	Si Photo Transistor	TO-18 Metal Can Flat
MTD8000M3B-T	880	400-1100	Si Photo Transistor	3mm Ceramic
MTAPD-06-001	800	400-1100	Avalanche Photodiode	TO-46 Metal can Flat
MTAPD-06-005	800	400-1100	Avalanche Photodiode	TO-46 Metal can Flat
MTAPD-06-009	905	400-1100	Avalanche Photodiode	TO-46 Metal can Flat
MTAPD-06-013	905	400-1100	Avalanche Photodiode	TO-46 Metal can Flat
MTAPD-07-001	800	400-1100	Avalanche Photodiode	LLC3 SMD
MTAPD-07-007	800	400-1100	Avalanche Photodiode	LCC6 SMD
MTAPD-07-009	905	400-1100	Avalanche Photodiode	LLC3 SMD
MTAPD-07-015	905	400-1100	Avalanche Photodiode	LCC6 SMD