

# Specially Configured Photodiodes

F-15-24 T-41-67  
T-41-51

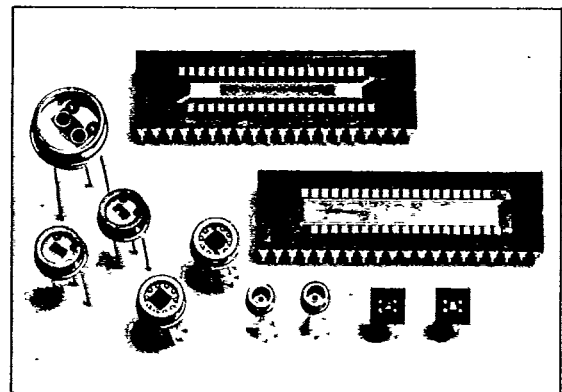
In addition to the many devices described in this catalog, Hamamatsu is able to produce a variety of special devices such as photodiodes with operational amplifiers, thermoelectrically-cooled photodiodes, and linear or area arrays with specifications and configurations to match your specific requirements. Please contact us about such requirements. The following devices show examples of our capability.

## ● Multi-Element Photodiodes (Monolithic Type)

Type No.	Sensitive Area (mm)	No. of Elements	Sensitive Wavelength Range (nm)	Package	Major Applications
S994-22	1.15 x 1.15	2	430 ~ 1060	3 pin TO-5	Position detection
S1446	2.54 dia.	2	190 ~ 1100	3 pin TO-8	Double-beam spectro-photometry
G1964 (GaAsP)	2.54 dia.	2	190 ~ 680	3 pin TO-8	
S994-13	1.45 x 1.45	2 x 2	400 ~ 1060	8 pin TO-5	Position detection
S1557	1 mm dia. quadrant	4	400 ~ 1060	5 pin TO-18	Optical disk player Position detection
S1557-01	1 mm dia. quadrant	4	400 ~ 1060	5 pin Ceramic Case	
S1651	0.30 x 0.60	2 x 2	400 ~ 1060	5 pin TO-18	
S1651-01	0.30 x 0.60	2 x 2	400 ~ 1060	5 pin Ceramic Case	
S1671	1.7 x 2.8	2 x 2	400 ~ 1060	5 pin TO-8	Position detection

## ● Photodiodes with operational amplifiers

Type No.	Sensitive Area (mm)	Spectral Response (nm)	Peak Wavelength (nm)	Package
S1406-03	2.5 x 2.4	190 ~ 1100	920	10 pin TO-5 (3 mm dia. window)
S1406-04	2.5 x 2.4	320 ~ 1100	920	
S1406-05	2.5 x 2.4	190 ~ 1000	720	
S1406-06	2.5 x 2.4	320 ~ 1000	720	
G1957	2.7 x 2.7	300 ~ 680	610	



Multi-element type examples

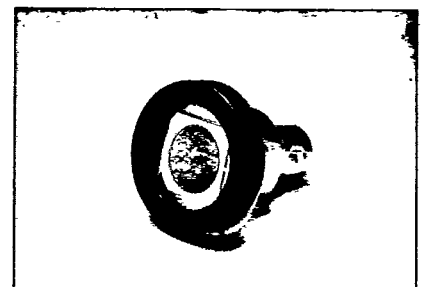
## ● Thermoelectrically-cooled photodiodes

Type No.	Sensitive Area (mm)	Spectral Response (nm)	Peak Wavelength (nm)	Cooling Temperature $\Delta T$ (°C)	Package
S2592	2.4 x 2.5	190 ~ 1000	720	-45	6 pin TO-66

## ● Photodiodes with BNC Connectors

Type No.	Sensitive Area (mm)	Spectral Response (nm)	Peak Wavelength (nm)	Package
S2281	11.3 dia.	190 ~ 1100	920	Housed in metal case with BNC connector
S2281-01	11.3 dia.	190 ~ 1100	720	

1 meter BNC-BNC cable (E2573) is available.



S2281, S2281-01