
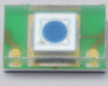


Surface-mount type Si photodiodes

Package products compatible with lead-free soldering.

Type no.	Type	Dimensional outlines (mm)	Photosensitive area (mm)	Peak sensitivity wavelength (nm)	Cutoff frequency* [Rise time*]	Reflow peak temperature	Packing unit (pcs/reel)	Photo
S16008-66	Si photodiode	8.0 × 6.8 × 1.5 ^t	5.8 × 5.8	960	[9 μs]	260 °C JEDEC MSL 3	100	
S7478	Si PIN photodiode	9.0 × 9.6 × 1.5 ^t	5.0 × 5.0	960	20 MHz	240 °C JEDEC MSL 5a	1000	
S16392-01CT	Si PIN photodiode	4.2 × 4.2 × 1.12 ^t	2.77 × 2.77	960	25 MHz	260 °C JEDEC MSL 4	2000	
S16008-33	Si photodiode	4.65 × 3.55 × 0.91 ^t	2.4 × 2.4	960	[1.5 μs]	260 °C JEDEC MSL 2a	1000	
S9674	Si photodiode	5.7 × 4.0 × 1.4 ^t	2.0 × 2.0	960	[2 μs]	260 °C JEDEC MSL 4	2000	
S14016-01DT	Si PIN photodiode	3.0 × 4.0 × 1.3 ^t	1.8 × 2.1	960	10 MHz	240 °C JEDEC MSL 4	2000	
S9981-01CT	Si photodiode	4.2 × 3.3 × 1.4 ^t	1.3 × 1.3	960	[0.5 μs]	250 °C JEDEC MSL 4	2000	
S10625-01CT	Si photodiode	3.2 × 2.7 × 1.1 ^t	1.3 × 1.3	940	[0.5 μs]	240 °C JEDEC MSL 4	2000	
S10993-02CT	Si PIN photodiode	3.1 × 1.8 × 0.8 ^t	1.06 × 1.06	960	10 MHz	260 °C JEDEC MSL 2a	3000	
S13954-01CT	Si PIN photodiode	5.7 × 4.0 × 1.4 ^t	∅1.5	780	230 MHz	260 °C JEDEC MSL 4	2000	
S13773	Si PIN photodiode	3.1 × 1.8 × 1.0 ^t	∅0.8	800	500 MHz	260 °C JEDEC MSL 2a	1000	
S15193		3.1 × 1.8 × 0.9 ^t		920	100 MHz			

* For measurement conditions, see the individual datasheets.

The content of this document is current as of June 2024. Product specifications are subject to change without prior notice due to improvements or other reasons. Before using these products, always contact us for the delivery specification sheet to check the latest specifications.

HAMAMATSU

www.hamamatsu.com

HAMAMATSU PHOTONICS K.K., Solid State Division

1126-1 Ichino-cho, Chuo-ku, Hamamatsu City, 435-8558 Japan, Telephone: (81)53-434-3311, Fax: (81)53-434-5184

U.S.A.: Hamamatsu Corporation, 360 Foothill Road, Bridgewater, N.J. 08807, U.S.A., Telephone: (1)908-231-0960, Fax: (1)908-231-1218, E-mail: usa@hamamatsu.com

Germany: Hamamatsu Photonics Deutschland GmbH: Arzbergerstr. 10, D-82211 Herrsching am Ammersee, Germany, Telephone: (49)8152-375-0, Fax: (49)8152-265-8, E-mail: info@hamamatsu.de

France: Hamamatsu Photonics France S.A.R.L.: 19, Rue du Saule Trapu, Parc du Moulin de Massy, 91882 Massy Cedex, France, Telephone: (33)1 69 53 71 00, Fax: (33)1 69 53 71 10, E-mail: infos@hamamatsu.fr

United Kingdom: Hamamatsu Photonics UK Limited: 2 Howard Court, 10 Tewin Road, Welwyn Garden City, Hertfordshire AL7 1BW, UK, Telephone: (44)1707-294888, Fax: (44)1707-325777, E-mail: info@hamamatsu.co.uk

North Europe: Hamamatsu Photonics Norden AB: Torshamnsgatan 35 16440 Kista, Sweden, Telephone: (46)8-509 031 00, Fax: (46)8-509 031 01, E-mail: info@hamamatsu.se

Italy: Hamamatsu Photonics Italia S.r.l.: Strada della Moia, 1 int. 6, 20044 Arese (Milano), Italy, Telephone: (39)02-93 58 17 33, Fax: (39)02-93 58 17 41, E-mail: info@hamamatsu.it

China: Hamamatsu Photonics (China) Co., Ltd.: 1201 Tower B, Jiaming Center, 27 Dongsanhuan Beilu, Chaoyang District, 100020 Beijing, P.R.China, Telephone: (86)10-6586-6006, Fax: (86)10-6586-2866, E-mail: hpc@hamamatsu.com.cn

Taiwan: Hamamatsu Photonics Taiwan Co., Ltd.: 8F-3, No. 158, Section2, Gongdao 5th Road, East District, Hsinchu, 300, Taiwan R.O.C. Telephone: (886)3-659-0080, Fax: (886)3-659-0081, E-mail: info@hamamatsu.com.tw