



光接收二極體

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Features

- Plastic package with $\Phi 7$ mm lens
- High-speed response: 25MHz Typ. (VR=12V, $\lambda=850$ nm)
- High sensitivity: 0.56 A/W ($\lambda=850$ nm)
- Directivity: $\pm 25^\circ$ (half angle)
- S6036-01: visible-cut type

Applications

- Spatial light transmission
- Optical communications
- Optical data link
- High-speed optical measurement
- Optical switches
- Laser radars

HAMAMATSU

Part No.	Product No.	製造廠商	說明	λP (nm)	Vr	Package
57666	S6036	HAMAMATSU	濱松_光接收二極體	960nm	12V	Plastic With lens



Features

- Plastic package with $\Phi 7$ mm lens
- High-speed response: 60MHz Typ. (VR=10V, $\lambda=850$ nm)
- High sensitivity: 0.63A/W ($\lambda=850$ nm)
- Directivity: $\pm 25^\circ$ (half angle)
- S6436-01: visible-cut type

Applications

- Spatial light transmission
- Optical communications
- Optical data link
- High-speed optical measurement
- Optical switches
- Laser radars

HAMAMATSU

Part No.	Product No.	製造廠商	說明	λP (nm)	Vr	Package
56372	S6436-01	HAMAMATSU	濱松_光接收二極體	920nm	35V	Plastic



Features

- Miniature transparent plastic package (4.5x5.5mm)
- Having following function at each terminal
 - Operation and margin display terminal
 - Synchronous/asynchronous switching terminal
 - Output logic switching terminal
- Built-in short-circuit protective circuit

Applications

Optical switch

HAMAMATSU

Part No.	Product No.	製造廠商	說明	λP (nm)	Vr	Package
62905	S6841	HAMAMATSU	濱松_PHOTO IC DIODE	820nm	5V	Plastic package
62906	S8119	HAMAMATSU	濱松_PHOTO IC DIODE	820nm	5V	Plastic package

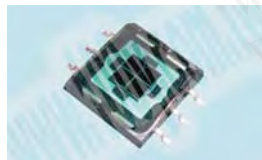


Applications

- Paper detection in office machine (copiers, fax machines, etc.)
- Optical switch

HAMAMATSU

Part No.	Product No.	製造廠商	說明	λP (nm)	Vr	Package	重量
63459	S6986	HAMAMATSU	Light modulation photo IC	940	4.5~16V	Plastic	0.1g



- 3 ch (RGB) Si photodiode
- Surface mount type plastic package (9x9.6mm)
- High sensitivity

Applications

- White balance adjustment
- Color identification
- Projector and TV brightness level detection
- Color control
- Light source color temperature detection

HAMAMATSU

Part No.	Product No.	製造廠商	說明	λP (nm)	Vr	Package	重量
57421	S7505-01	HAMAMATSU	Si-photodiodes RGB Color Sensor	R:620nm/G:540nm/B:460nm	10V	Plastic/Surface mount type	0.6g



Features

- High humidity resistance (85°C, 85%, 1000h)
- Visible-compensation filter
- Ceramic package (6x8mm)
- Active area: 2.8x2.4mm

Applications

Light dimmer in locations at high humidity or for outdoor use

HAMAMATSU

Part No.	Product No.	製造廠商	說明	λP (nm)	Vr
61079	S8265	HAMAMATSU	濱松_photodiode	540nm	10V



Features

- Si photodiode for UV to near IR precision photometry
- Small metal package with quartz window
 - S8745-01: TO-5
 - S8746-01: TO-8
- Active area
 - S8745-01: 2.4x2.4mm
 - S8746-01: 5.8x5.5mm
- FET input operational amplifier with low power dissipation

Applications

- Spectrophotometry
- General-purpose optical measurement

HAMAMATSU

Part No.	Product No.	製造廠商	說明	λP (nm)	Vr	Package
58398	S8745-01	HAMAMATSU	濱松_Si photodiode	960nm	Vcc: ± 20 V	TO-5 / Metal
58399	S8746-01	HAMAMATSU	濱松_Si photodiode	960nm	Vcc: ± 20 V	TO-8 / Metal

