




Sharp Microelectronics

**GP2S40**

|                      |  |
|----------------------|--|
| Part Number:         | GP2S40   |
| Manufacturer/Brand:  | Sharp Microelectronics   |
| Product description: | PHOTOINTERRUPTER REFLEC 6.5MM PC   |
| Datasheets:          | <a href="#">PDF</a> GP2S40.pdf   |
| RoHS Status:         |  Contains lead / RoHS non-compliant |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

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Image may be representation. See specifications for product details.













**Specifications of GP2S40**

|   |  |
|---|--|
| PART NUMBER                                 | GP2S40   |
| MANUFACTURER                                | Sharp Microelectronics                             |
| DESCRIPTION                                 | PHOTOINTERRUPTER REFLEC 6.5MM PC                   |
| LEAD FREE STATUS / ROHS STATUS              | Contains lead / RoHS non-compliant                 |
| DATA SHEET                                  | <a href="#">PDF</a> GP2S40.pdf                     |
| VOLTAGE - COLLECTOR EMITTER BREAKDOWN (MAX) | 35V  |
| SERIES                                      | -  |
| SENSING METHOD                              | Reflective   |
| SENSING DISTANCE                            | 0.256" (6.5mm)                                     |
| RESPONSE TIME                               | 50µs, 50µs   |
| PACKAGING                                   | Bulk   |
| PACKAGE / CASE                              | PCB Mount  |
| OUTPUT TYPE                                 | Phototransistor                                    |
| OTHER NAMES                                 | 425-1096-5   |
| OPERATING TEMPERATURE                       | -25°C ~ 85°C                                       |
| MOUNTING TYPE                               | Through Hole                                       |
| MOISTURE SENSITIVITY LEVEL (MSL)            | 1 (Unlimited)                                      |
| LEAD FREE STATUS / ROHS STATUS              | Contains lead / RoHS non-compliant                 |
| DETAILED DESCRIPTION                        | Reflective Optical Sensor 0.256" (6.5mm) PCB Mount |
| CURRENT - DC FORWARD (IF) (MAX)             | 50mA   |
| CURRENT - COLLECTOR (IC) (MAX)              | 20mA   |

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**Related Products**

|  |  |
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|  <p><b>GP2S60</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFLEC 1MM SMD<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>        |  <p><b>GP2S700HCP</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: PHOTOINTERRUPTER REFLEC 3MM SMD<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p> |
|  <p><b>GP2S60B</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: PHOTOINTERRUPTER TRANS OUT 4X3<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>  |  <p><b>GP2S27T</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFLEC .8MM SMD<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>         |
|  <p><b>GP2S40J0000F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFLEC 3MM PC<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>  |  <p><b>GP2S27T3J00F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFL 0.7MM SMD<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>     |
|  <p><b>GP2S27T6J00F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFLEC .8MM SMD<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p> |  <p><b>GP2S28</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFLEC 6MM PCB<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>           |
|  <p><b>GP2S27TJ000F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFLEC .7MM SMD<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p> |  <p><b>GP2S27T2J00F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFL 0.7MM SMD<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>     |
|  <p><b>GP2S60A</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFLEC .7MM SMD<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>     |  <p><b>GP2S40JJ000F</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: PHOTOINTERRUPTER REFL 6.5MM PCB<br/>In stock: Out stock</p> <p><a href="#">RFQ</a></p>     |