



Power Integrations



Image may be representation. See specifications for product details.

SID1132K

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | SID1132K                                                                                                       |
| Manufacturer/Brand: | Power Integrations                                                                                             |
| Product description | DGTL ISO 5KV GATE DRVR ESOP-R16B                                                                               |
| Datasheets:         |  <a href="#">SID1132K.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of SID1132K

|                                      |                                                                                                                  |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SID1132K                                                                                                         |
| MANUFACTURER                         | Power Integrations                                                                                               |
| DESCRIPTION                          | DGTL ISO 5KV GATE DRVR ESOP-R16B                                                                                 |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                       |
| DATA SHEET                           |  <a href="#">SID1132K.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.75 V ~ 5.25 V                                                                                                  |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                                         |
| VOLTAGE - FORWARD (VF) (TYP)         | -                                                                                                                |
| TECHNOLOGY                           | Magnetic Coupling                                                                                                |
| SUPPLIER DEVICE PACKAGE              | eSOP-R16B                                                                                                        |
| SERIES                               | SCALE-iDriver™                                                                                                   |
| RISE / FALL TIME (TYP)               | 450ns, 450ns (Max)                                                                                               |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                                |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 340ns, 330ns                                                                                                     |
| PACKAGING                            | Tube                                                                                                             |
| PACKAGE / CASE                       | 16-PowerSOIC (0.350", 8.89mm Width), 15 Leads                                                                    |
| OTHER NAMES                          | 1810-1069                                                                                                        |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                                    |
| NUMBER OF CHANNELS                   | 1                                                                                                                |
| MOUNTING TYPE                        | Surface Mount                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME      | 16 Weeks                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                       |
| DETAILED DESCRIPTION                 | 2.5A Gate Driver Magnetic Coupling 5000Vrms 1 Channel eSOP-R16B                                                  |
| CURRENT - PEAK OUTPUT                | 2.5A                                                                                                             |
| CURRENT - OUTPUT HIGH, LOW           | 1.2A, 1.3A                                                                                                       |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | -                                                                                                                |

Related Tags

|                             |                             |                                 |
|-----------------------------|-----------------------------|---------------------------------|
| Power Integrations SID1132K | SID1132K Distributor        | SID1132K Supplier               |
| SID1132K Price              | SID1132K Pictures           | SID1132K Image                  |
| SID1132K PDF Datasheet      | SID1132K Download Datasheet | SID1132K Datasheet              |
| SID1132K Stock              | Buy SID1132K                | Buy Power Integrations SID1132K |
| Power Integrations SID1132K | Power Integrations Supplier | Power Integrations Distributor  |
| Power Integrations SID1132K |                             |                                 |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SID1182K</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO 5KV GATE DRVR ESOP-R16B<br/>In stock: 569 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>SID1102K</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO GATE DRVR<br/>In stock: 236 pcs<br/><div>RFQ</div></div>                  |
| <div></div> <div><b>SID1152K-TL</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO 5KV GATE DRVR ESOP-R16B<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SID1132KQ</b><br/>Manufacturers: Power Integrations<br/>Description: 2.5A, 1200V REINFORCED ISOLATION<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>SID1132KQ-TL</b><br/>Manufacturers: Power Integrations<br/>Description: 2.5A, 1200V REINFORCED ISOLATION<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SID1102K-TL</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO GATE DRVR<br/>In stock: Out stock<br/><div>RFQ</div></div>             |
| <div></div> <div><b>SID1132K-TL</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO 5KV GATE DRVR ESOP-R16B<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SID1112K-TL</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO GATE DRVR<br/>In stock: Out stock<br/><div>RFQ</div></div>             |
| <div></div> <div><b>SID1152K</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO 5KV GATE DRVR ESOP-R16B<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>SID1112K</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO GATE DRVR<br/>In stock: 240 pcs<br/><div>RFQ</div></div>                  |
| <div></div> <div><b>SID1182KQ</b><br/>Manufacturers: Power Integrations<br/>Description: 8A, 1200V REINFORCED ISOLATION,<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>SID1182K-TL</b><br/>Manufacturers: Power Integrations<br/>Description: DGTL ISO 5KV GATE DRVR ESOP-R16B<br/>In stock: 907 pcs<br/><div>RFQ</div></div> |