



Power Integrations



SID1132KQ

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | SID1132KQ                                                                                                       |
| Manufacturer/Brand: | Power Integrations                                                                                              |
| Product description | 2.5A, 1200V REINFORCED ISOLATION                                                                                |
| Datasheets:         |  <a href="#">SID1132KQ.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of SID1132KQ

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SID1132KQ                                                                                                         |
| MANUFACTURER                         | Power Integrations                                                                                                |
| DESCRIPTION                          | 2.5A, 1200V REINFORCED ISOLATION                                                                                  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                           |  <a href="#">SID1132KQ.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                               | Automotive, AEC-Q100, SCALE-iDriver™                                                                              |
| RISE / FALL TIME (TYP)               | 450ns, 450ns                                                                                                      |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                                 |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 340ns, 330ns                                                                                                      |
| PACKAGE / CASE                       | 16-PowerSOIC (0.350", 8.89mm Width), 15 Leads                                                                     |
| OTHER NAMES                          | 1810-1097                                                                                                         |
| 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) | 50kV/μs (Typ)                                                                                                     |
| APPROVALS                            | -                                                                                                                 |

Related Tags

|                              |                              |                                  |
|------------------------------|------------------------------|----------------------------------|
| Power Integrations SID1132KQ | SID1132KQ Distributor        | SID1132KQ Supplier               |
| SID1132KQ Price              | SID1132KQ Pictures           | SID1132KQ Image                  |
| SID1132KQ PDF Datasheet      | SID1132KQ Download Datasheet | SID1132KQ Datasheet              |
| SID1132KQ Stock              | Buy SID1132KQ                | Buy Power Integrations SID1132KQ |
| Power Integrations SID1132KQ | Power Integrations Supplier  | Power Integrations Distributor   |
| Power Integrations SID1132KQ |                              |                                  |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                  |
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| <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>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>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>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>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>   | <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</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>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-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</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>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>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>     |