



Power Integrations

## SID1182K-TL

Part Number:	SID1182K-TL
Manufacturer/Brand:	Power Integrations
Product description:	DGTL ISO 5KV GATE DRVR ESOP-R16B
Datasheets:	<a href="#">SID1182K-TL.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	15115 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of SID1182K-TL

PART NUMBER	SID1182K-TL
MANUFACTURER	Power Integrations
DESCRIPTION	DGTL ISO 5KV GATE DRVR ESOP-R16B
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15115 pcs
DATA SHEET	<a href="#">SID1182K-TL.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)	90ns, 81ns
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	340ns, 330ns
PACKAGING	Original-Reel®
PACKAGE / CASE	16-PowerSOIC (0.350", 8.89mm Width), 15 Leads
OTHER NAMES	1810-1074-6
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	8A Gate Driver Magnetic Coupling 5000Vrms 1 Channel eSOP-R16B
CURRENT - PEAK OUTPUT	8A
CURRENT - OUTPUT HIGH, LOW	3.6A, 4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	-

### Related Tags

<a href="#">Power Integrations SID1182K-TL</a>	<a href="#">SID1182K-TL Distributor</a>	<a href="#">SID1182K-TL Supplier</a>
<a href="#">SID1182K-TL Price</a>	<a href="#">SID1182K-TL Pictures</a>	<a href="#">SID1182K-TL Image</a>
<a href="#">SID1182K-TL PDF Datasheet</a>	<a href="#">SID1182K-TL Download Datasheet</a>	<a href="#">SID1182K-TL Datasheet</a>
<a href="#">SID1182K-TL Stock</a>	<a href="#">Buy SID1182K-TL</a>	<a href="#">Buy Power Integrations SID1182K-TL</a>
<a href="#">Power Integrations SID1182K-TL</a>	<a href="#">Power Integrations Supplier</a>	<a href="#">Power Integrations Distributor</a>
<a href="#">Power Integrations SID1182K-TL</a>		

### Related Products

<p><b>SID1132KQ</b> Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: 9904 pcs <a href="#">RFQ</a></p>	<p><b>SID1182K</b> Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 17770 pcs <a href="#">RFQ</a></p>
<p><b>SID1183K</b> Manufacturers: Power Integrations Description: DGTL ISOLATION 8A 1700V ESOP In stock: 15361 pcs <a href="#">RFQ</a></p>	<p><b>SIDC01D120H6</b> Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP 1.2KV 600MA WAFER In stock: 6914 pcs <a href="#">RFQ</a></p>
<p><b>SID1152K</b> Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 19479 pcs <a href="#">RFQ</a></p>	<p><b>SID1152K-TL</b> Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 21261 pcs <a href="#">RFQ</a></p>
<p><b>SID1132K-TL</b> Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 25807 pcs <a href="#">RFQ</a></p>	<p><b>SID1182KQ-TL</b> Manufacturers: Power Integrations Description: 8A, 1200V REINFORCED ISOLATION, In stock: 18467 pcs <a href="#">RFQ</a></p>
<p><b>SID1182KQ</b> Manufacturers: Power Integrations Description: 8A, 1200V REINFORCED ISOLATION, In stock: 9947 pcs <a href="#">RFQ</a></p>	<p><b>SIDC01D60C6</b> Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP WAFER In stock: 4191 pcs <a href="#">RFQ</a></p>
<p><b>SID1132KQ-TL</b> Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: 10585 pcs <a href="#">RFQ</a></p>	<p><b>SID1183K-TL</b> Manufacturers: Power Integrations Description: IGBT FET GATE DVR 8A 1700V ESOP In stock: 21109 pcs <a href="#">RFQ</a></p>