




Power Integrations

## SID1152K

Part Number:	SID1152K
Manufacturer/Brand:	Power Integrations
Product description:	DGTL ISO 5KV GATE DRVR ESOP-R16B
Datasheets:	<a href="#">PDF SID1152K.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
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 SID1152K

PART NUMBER	SID1152K
MANUFACTURER	Power Integrations
DESCRIPTION	DGTL ISO 5KV GATE DRVR ESOP-R16B
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF SID1152K.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)	225ns, 225ns (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	1810-1070
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	5A Gate Driver Magnetic Coupling 5000Vrms 1 Channel eSOP-R16B
CURRENT - PEAK OUTPUT	5A
CURRENT - OUTPUT HIGH, LOW	2.4A, 2.6A
COMMON MODE TRANSIENT IMMUNITY (MIN)	-

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### Related Products

 <p><b>SID1112K-TL</b> Manufacturers: Power Integrations Description: DGTL ISO GATE DRVR In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SID1112K</b> Manufacturers: Power Integrations Description: DGTL ISO GATE DRVR In stock: 240 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>SID1132KQ</b> Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SID1132KQ-TL</b> Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SID1152K-TL</b> Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SID1182KQ</b> Manufacturers: Power Integrations Description: 8A, 1200V REINFORCED ISOLATION, In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SID1182K-TL</b> Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 907 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SID1132K-TL</b> Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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 <p><b>SID1182KQ-TL</b> Manufacturers: Power Integrations Description: 8A, 1200V REINFORCED ISOLATION, In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SID1132K</b> Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock</p> <p><a href="#">RFQ</a></p>