



Power Integrations

SID1182KQ

Part Number:	SID1182KQ
Manufacturer/Brand:	Power Integrations
Product description:	8A, 1200V REINFORCED ISOLATION,
Datasheets:	PDF SID1182KQ.pdf
RoHS Status:	Lead free / RoHS 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 SID1182KQ

PART NUMBER	SID1182KQ
MANUFACTURER	Power Integrations
DESCRIPTION	8A, 1200V REINFORCED ISOLATION,
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF SID1182KQ.pdf
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)	150ns, 150ns
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	340ns, 330ns
PACKAGE / CASE	16-PowerSOIC (0.350", 8.89mm Width), 15 Leads
OTHER NAMES	1810-1099
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	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)	50kV/μs (Typ)
APPROVALS	-

Related Tags

Power Integrations SID1182KQ	SID1182KQ Distributor	SID1182KQ Supplier
SID1182KQ Price	SID1182KQ Pictures	SID1182KQ Image
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SID1182KQ Stock	Buy SID1182KQ	Buy Power Integrations SID1182KQ
Power Integrations SID1182KQ	Power Integrations Supplier	Power Integrations Distributor
Power Integrations SID1182KQ		

Related Products

<p>SID1182K Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 569 pcs RFQ</p>	<p>SID1182KQ-TL Manufacturers: Power Integrations Description: 8A, 1200V REINFORCED ISOLATION, In stock: Out stock RFQ</p>
<p>SID1183K Manufacturers: Power Integrations Description: DGTL ISOLATION 8A 1700V ESOP In stock: 249 pcs RFQ</p>	<p>SID1132KQ-TL Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: Out stock RFQ</p>
<p>SID1152K Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock RFQ</p>	<p>SID1182K-TL Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 907 pcs RFQ</p>
<p>SID1132KQ Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: Out stock RFQ</p>	<p>SID1152K-TL Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock RFQ</p>
<p>SIDC01D120H6 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP 1.2KV 600MA WAFER In stock: Out stock RFQ</p>	<p>SIDC01D60C6 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP WAFER In stock: Out stock RFQ</p>
<p>SID1183K-TL Manufacturers: Power Integrations Description: IGBT FET GATE DVR 8A 1700V ESOP In stock: Out stock RFQ</p>	<p>SIDC02D60C6X1SA4 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP 600V 6A WAFER In stock: Out stock RFQ</p>

