



Power Integrations



SID1182KQ

Part Number:	SID1182KQ
Manufacturer/Brand:	Power Integrations
Product description	8A, 1200V REINFORCED ISOLATION,
Datasheets:	 SID1182KQ.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9947 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SID1182KQ

PART NUMBER	SID1182KQ
MANUFACTURER	Power Integrations
DESCRIPTION	8A, 1200V REINFORCED ISOLATION,
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9947 pcs
DATA SHEET	 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)
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
SID1182KQ PDF Datasheet	SID1182KQ Download Datasheet	SID1182KQ Datasheet
SID1182KQ Stock	Buy SID1182KQ	Buy Power Integrations SID1182KQ
Power Integrations SID1182KQ	Power Integrations Supplier	Power Integrations Distributor
Power Integrations SID1182KQ		

Related Products

 SID1132KQ-TL Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: 10585 pcs RFQ	 SIDC01D120H6 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP 1.2KV 600MA WAFER In stock: 6914 pcs RFQ
 SID1152K-TL Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 21261 pcs RFQ	 SID1182K-TL Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 15115 pcs RFQ
 SID1132KQ Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: 9904 pcs RFQ	 SID1183K Manufacturers: Power Integrations Description: DGTL ISOLATION 8A 1700V ESOP In stock: 15361 pcs RFQ
 SID1183K-TL Manufacturers: Power Integrations Description: IGBT FET GATE DVR 8A 1700V ESOP In stock: 21109 pcs RFQ	 SID1182KQ-TL Manufacturers: Power Integrations Description: 8A, 1200V REINFORCED ISOLATION, In stock: 18467 pcs RFQ
 SID1182K Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 17770 pcs RFQ	 SID1152K Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 19479 pcs RFQ
 SIDC02D60C6X1SA4 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP 600V 6A WAFER In stock: 6606 pcs RFQ	 SIDC01D60C6 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP WAFER In stock: 4191 pcs RFQ