



Power Integrations



Image may be representation. See specifications for product details.

SID1182KQ-TL

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

REQUEST FOR QUOTATION

Specifications of SID1182KQ-TL

PART NUMBER	SID1182KQ-TL
MANUFACTURER	Power Integrations
DESCRIPTION	8A, 1200V REINFORCED ISOLATION,
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SID1182KQ-TL.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
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-PowerSOIC (0.350", 8.89mm Width), 15 Leads
OTHER NAMES	1810-1100-2
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-TL	SID1182KQ-TL Distributor	SID1182KQ-TL Supplier
SID1182KQ-TL Price	SID1182KQ-TL Pictures	SID1182KQ-TL Image
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 SIDC02D60C6X1SA4 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP 600V 6A WAFER In stock: Out stock RFQ	 SIDC01D120H6 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP 1.2KV 600MA WAFER In stock: Out stock RFQ
 SIDC02D60F6X1SA1 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP 600V 3A WAFER In stock: Out stock RFQ	 SID1132KQ-TL Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: Out stock RFQ
 SID1183K Manufacturers: Power Integrations Description: DGTL ISOLATION 8A 1700V ESOP In stock: 249 pcs RFQ	 SIDC01D60C6 Manufacturers: International Rectifier (Infineon Technologies) Description: DIODE GEN PURP WAFER In stock: Out stock RFQ
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 SID1182K Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 569 pcs RFQ	 SID1152K Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock RFQ
 SID1182KQ Manufacturers: Power Integrations Description: 8A, 1200V REINFORCED ISOLATION, In stock: Out stock RFQ	 SID1152K-TL Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock RFQ