



Power Integrations



SID1112K

Part Number:	SID1112K
Manufacturer/Brand:	Power Integrations
Product description	DGTL ISO GATE DRVR
Datasheets:	 SID1112K.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SID1112K

PART NUMBER	SID1112K
MANUFACTURER	Power Integrations
DESCRIPTION	DGTL ISO GATE DRVR
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SID1112K.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	SCALE-iDriver™
RISE / FALL TIME (TYP)	1125ns (Max), 1125ns (Max)
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	340ns, 330ns
PACKAGE / CASE	16-PowerSOIC (0.350", 8.89mm Width), 15 Leads
OTHER NAMES	1810-1095
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	1A Gate Driver Magnetic Coupling 5000Vrms 1 Channel eSOP-R16B
CURRENT - PEAK OUTPUT	1A
CURRENT - OUTPUT HIGH, LOW	480mA, 520mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	50kV/μs (Typ)
APPROVALS	VDE

Related Tags

Power Integrations SID1112K	SID1112K Distributor	SID1112K Supplier
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Related Products

 SID1182K Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 569 pcs RFQ	 SID1112K-TL Manufacturers: Power Integrations Description: DGTL ISO GATE DRVR In stock: Out stock RFQ
 SID1132KQ Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: Out stock 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	 SID1102K Manufacturers: Power Integrations Description: DGTL ISO GATE DRVR In stock: 236 pcs RFQ
 SID1152K-TL Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock RFQ	 SID1182K-TL Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: 907 pcs RFQ
 SID1102K-TL Manufacturers: Power Integrations Description: DGTL ISO GATE DRVR In stock: Out stock RFQ	 SID1132K-TL Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock RFQ
 SID1132KQ-TL Manufacturers: Power Integrations Description: 2.5A, 1200V REINFORCED ISOLATION In stock: Out stock RFQ	 SID1132K Manufacturers: Power Integrations Description: DGTL ISO 5KV GATE DRVR ESOP-R16B In stock: Out stock RFQ