



Power Integrations



SID1102K

Part Number:	SID1102K
Manufacturer/Brand:	Power Integrations
Product description	DGTL ISO GATE DRVR
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SID1102K

PART NUMBER	SID1102K
MANUFACTURER	Power Integrations
DESCRIPTION	DGTL ISO GATE DRVR
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY	4.75 V ~ 5.25 V
VOLTAGE - ISOLATION	1000Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Magnetic Coupling
SUPPLIER DEVICE PACKAGE	eSOP-R16B
SERIES	SCALE-iDriver™
RISE / FALL TIME (TYP)	29ns, 14ns
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	350ns, 350ns
PACKAGING	Tube
PACKAGE / CASE	16-PowerSOIC (0.350", 8.89mm Width), 15 Leads
OTHER NAMES	1810-1075 SID1102
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	Gate Driver Magnetic Coupling 1000Vrms 1 Channel eSOP-R16B
CURRENT - PEAK OUTPUT	-
CURRENT - OUTPUT HIGH, LOW	5A, 5A
COMMON MODE TRANSIENT IMMUNITY (MIN)	100kV/μs
APPROVALS	VDE

Related Tags

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