



ISO5451QDWQ1

Part Number:	ISO5451QDWQ1
Manufacturer/Brand:	N/A
Product description	DGTL ISO 5.7KV GATE DRVR 16SOIC
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ISO5451QDWQ1

PART NUMBER	ISO5451QDWQ1
MANUFACTURER	N/A
DESCRIPTION	DGTL ISO 5.7KV GATE DRVR 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	5700Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	20ns, 20ns
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	110ns, 110ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	2.7A, 5.5A Gate Driver Capacitive Coupling 5700Vrms 1 Channel 16-SOIC
CURRENT - PEAK OUTPUT	2.7A, 5.5A
CURRENT - OUTPUT HIGH, LOW	1.5A, 3.4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	50kV/μs
APPROVALS	CQC, CSA, TUV, UL, VDE

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Related Products

 ISO5125I-65 Manufacturers: Power Integrations Description: DC/DC CONVERTER 5W In stock: 457 pcs RFQ	 ISO5452DWR Manufacturers: N/A Description: DGTL ISO 5.7KV GATE DRVR 16SOIC In stock: 39751 pcs RFQ
 ISO5125I-45 Manufacturers: Power Integrations Description: DC/DC CONVERTER 5W In stock: 525 pcs RFQ	 ISO5452QDWQ1 Manufacturers: N/A Description: DGTL ISO 5.7KV GATE DRVR 16SOIC In stock: 29023 pcs RFQ
 ISO5500DW Manufacturers: N/A Description: DGTL ISO 4.243KV GATE DVR 16SOIC In stock: 19909 pcs RFQ	 ISO5451DWR Manufacturers: N/A Description: DGTL ISO 5.7KV GATE DRVR 16SOIC In stock: 37105 pcs RFQ
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 ISO5125I-100 Manufacturers: Power Integrations Description: DC/DC CONVERTER 5W In stock: 409 pcs RFQ	 ISO5451QDWRQ1 Manufacturers: N/A Description: DGTL ISO 5.7KV GATE DRVR 16SOIC In stock: 35859 pcs RFQ
 ISO5125I-120 Manufacturers: Power Integrations Description: DC/DC CONVERTER 5W In stock: 319 pcs RFQ	 ISO5452QDWRQ1 Manufacturers: N/A Description: DGTL ISO 5.7KV GATE DRVR 16SOIC In stock: 35213 pcs RFQ