

N/A

### ISO7420MD

Part Number: ISO7420MD  
 Manufacturer/Brand: N/A  
 Product description: DGTL ISO 2.5KV GEN PURP 8SOIC  
 Datasheets:  
 RoHs Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

#### Specifications of ISO7420MD

PART NUMBER	ISO7420MD
MANUFACTURER	N/A
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY	3.15 V ~ 3.45 V, 4.75 V ~ 5.25 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	-
RISE / FALL TIME (TYP)	1ns, 1ns
PULSE WIDTH DISTORTION (MAX)	3.7ns
PROPAGATION DELAY TPLH / TPHL (MAX)	14ns, 14ns
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	296-25583-5
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	2/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 2 Channel 1Mbps 25kV/μs CMTI 8-SOIC (0.154", 3.90mm Width)
DATA RATE	1Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs
CHANNEL TYPE	Unidirectional

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#### Related Products

<p><b>ISO7420FED</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 56530 pcs  <a href="#">RFQ</a></p>	<p><b>ISO7421D</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 58494 pcs  <a href="#">RFQ</a></p>
<p><b>ISO7421AQDRQ1</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 51386 pcs  <a href="#">RFQ</a></p>	<p><b>ISO7420FCCDR</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 53378 pcs  <a href="#">RFQ</a></p>
<p><b>ISO7420MDR</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 54008 pcs  <a href="#">RFQ</a></p>	<p><b>ISO7420EDR</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 58202 pcs  <a href="#">RFQ</a></p>
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<p><b>ISO7420ED</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 48251 pcs  <a href="#">RFQ</a></p>	<p><b>ISO7420FCCD</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 38923 pcs  <a href="#">RFQ</a></p>
<p><b>ISO7421EDR</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 65209 pcs  <a href="#">RFQ</a></p>	<p><b>ISO7421ED</b>                  Manufacturers: N/A                  Description: DGTL ISO 2.5KV GEN PURP 8SOIC                  In stock: 57769 pcs  <a href="#">RFQ</a></p>