

ISO7331FCQDWQ1



Part Number: [ISO7331FCQDWQ1](#)
Manufacturer: [Luminary Micro / Texas Instruments](#)
Description: DCTL ISO 3KV 3CH GEN PURP 16SOIC
Data sheet: [ISO7330-Q1,ISO7331-Q1 Datasheet](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	ISO7331FCQDWQ1
Manufacturer	Luminary Micro / Texas Instruments
Description	DCTL ISO 3KV 3CH GEN PURP 16SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	37818 pcs
Product Photo	ISO7331FCQDWQ1.jpg
Category	Isolators
Voltage - Supply	3 V ~ 5.5 V
Voltage - Isolation	3000Vrms
Type	General Purpose
Technology	Capacitive Coupling
Supplier Device Package	16-SOIC
Series	Automotive, AEC-Q100
Rise / Fall Time (Typ)	3ns, 2ns
Pulse Width Distortion (Max)	4ns
Propagation Delay tpLH / tpHL (Max)	58ns, 58ns
Packaging	Tube
Package / Case	16-SOIC (0.295", 7.50mm Width)
Other Names	296-43326-5
Operating Temperature	-40°C ~ 125°C
Number of Channels	3
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	2 (1 Year)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Isolated Power	No
Inputs - Side 1/Side 2	2/1
Detailed Description	General Purpose Digital Isolator 3000Vrms 3 Channel 25Mbps 25kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)
Data Rate	25Mbps
Common Mode Transient Immunity (Min)	25kV/μs
Channel Type	Unidirectional

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