



Energy Micro (Silicon Labs)

SI8610BD-B-ISR

Part Number:	SI8610BD-B-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 5KV 1CH GEN PURP 16SOIC
Datasheets:	SI8610BD-B-ISR.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	56238 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of SI8610BD-B-ISR

PART NUMBER	SI8610BD-B-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 1CH GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	56238 pcs
DATA SHEET	SI8610BD-B-ISR.pdf
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	4.5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	13ns, 13ns
PACKAGING	Tape & Reel (TR)
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)	2A (4 Weeks)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	1/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 5000Vrms 1 Channel 150Mbps 35kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8610BD-B-ISR	SI8610BD-B-ISR Distributor	SI8610BD-B-ISR Supplier
SI8610BD-B-ISR Price	SI8610BD-B-ISR Pictures	SI8610BD-B-ISR Image
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Silicon Laboratories SI8610BD-B-ISR	Silicon Labs SI8610BD-B-ISR	

Related Products

<p>SI8610BB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 65060 pcs</p> <p>RFQ</p>	<p>SI8620AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 88214 pcs</p> <p>RFQ</p>
<p>SI8610ED-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GEN PURP 16SOIC In stock: 68434 pcs</p> <p>RFQ</p>	<p>SI8610BC-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 8SOIC In stock: 53219 pcs</p> <p>RFQ</p>
<p>SI8610BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 54062 pcs</p> <p>RFQ</p>	<p>SI8610AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 82403 pcs</p> <p>RFQ</p>
<p>SI8610BC-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 8SOIC In stock: 64709 pcs</p> <p>RFQ</p>	<p>SI8610EC-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 8SOIC In stock: 49629 pcs</p> <p>RFQ</p>
<p>SI8610BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GEN PURP 16SOIC In stock: 52139 pcs</p> <p>RFQ</p>	<p>SI8610ED-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GEN PURP 16SOIC In stock: 45197 pcs</p> <p>RFQ</p>
<p>SI8610EC-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 8SOIC In stock: 68046 pcs</p> <p>RFQ</p>	<p>SI8620AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 106325 pcs</p> <p>RFQ</p>