




Energy Micro (Silicon Labs)

SI8422AB-D-IS

Part Number:	SI8422AB-D-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GEN PURP 8SOIC
Datasheets:	PDF SI8422AB-D-IS.pdf
RoHS Status:	 Lead free / RoHS Compliant
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 SI8422AB-D-IS

PART NUMBER	SI8422AB-D-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF SI8422AB-D-IS.pdf
VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2ns, 2ns
PULSE WIDTH DISTORTION (MAX)	25ns
PROPAGATION DELAY TPLH / TPHL (MAX)	35ns, 35ns
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	1/1
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 2 Channel 1Mbps 20kV/μs CMTI 8-SOIC (0.154", 3.90mm Width)
DATA RATE	1Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	20kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8422AB-D-IS	SI8422AB-D-IS Distributor	SI8422AB-D-IS Supplier
SI8422AB-D-IS Price	SI8422AB-D-IS Pictures	SI8422AB-D-IS Image
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Energy Micro (Silicon Labs) SI8422AB-D-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8422AB-D-IS	Silicon Labs SI8422AB-D-IS	

Related Products

 <p>SI8422BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: Out stock</p> <p>RFQ</p>	 <p>SI8422AD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock</p> <p>RFQ</p>
 <p>SI8422AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: Out stock</p> <p>RFQ</p>	 <p>SI8422AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: Out stock</p> <p>RFQ</p>
 <p>SI8422AB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: Out stock</p> <p>RFQ</p>	 <p>SI8422AD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 935 pcs</p> <p>RFQ</p>
 <p>SI8421BD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 46 pcs</p> <p>RFQ</p>	 <p>SI8422AD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock</p> <p>RFQ</p>
 <p>SI8422AD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock</p> <p>RFQ</p>	 <p>SI8421BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock</p> <p>RFQ</p>
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