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SILICON LABS — Energy Micro (Silicon Labs)

SI8442BB-D-ISR

Part Number:	SI8442BB-D-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GEN PURP 16SOIC
Datasheets:	SI8442BB-D-ISR.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 SI8442BB-D-ISR

PART NUMBER	SI8442BB-D-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	SI8442BB-D-ISR.pdf
VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	3.8ns, 2.8ns
PULSE WIDTH DISTORTION (MAX)	2.5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	9.5ns, 9.5ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
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	2/2
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 25kV/µs (Typ) CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/µs (Typ)
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8442BB-D-ISR	SI8442BB-D-ISR Distributor	SI8442BB-D-ISR Supplier
SI8442BB-D-ISR Price	SI8442BB-D-ISR Pictures	SI8442BB-D-ISR Image
SI8442BB-D-ISR PDF Datasheet	SI8442BB-D-ISR Download Datasheet	SI8442BB-D-ISR Datasheet
SI8442BB-D-ISR Stock	Buy SI8442BB-D-ISR	Buy Energy Micro (Silicon Labs) SI8442BB-D-ISR
Energy Micro (Silicon Labs) SI8442BB-D-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8442BB-D-ISR	Energy Micro SI8442BB-D-ISR	Energy Micro (Silicon Labs) SI8442BB-D-ISR
Silicon Laboratories SI8442BB-D-ISR	Silicon Labs SI8442BB-D-ISR	

Related Products

SI8445BA-C-IS1R
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8442BB-C-IS1R
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8442BB-C-IS
Manufacturers: Energy Micro (Silicon Labs)
Description: IC ISOLATOR 4CH 5.5V 16-SOIC
In stock: 598 pcs
RFQ

SI8442BB-C-IS1
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8442BB-D-IS1R
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8445BA-D-IS1R
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8442BB-D-IS1
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8445BA-D-IS
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8445-B-IS
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8442BB-D-IS
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
In stock: 327 pcs
RFQ

SI8445BA-C-IS1
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC
In stock: Out stock
RFQ

SI8445BA-D-IS1
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC
In stock: Out stock
RFQ

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