



Energy Micro (Silicon Labs)

SI8421BB-D-ISR

Part Number:

SI8421BB-D-ISR

Manufacturer/Brand:

Energy Micro (Silicon Labs)


Product description

DGTL ISO 2.5KV GEN PURP 8SOIC

Datasheets:


[SI8421BB-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 SI8421BB-D-ISR

PART NUMBER	SI8421BB-D-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8421BB-D-ISR.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)	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	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)
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 150Mbps 25kV/μs (Typ) CMTI 8-SOIC (0.154", 3.90mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs (Typ)
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8421BB-D-ISR	SI8421BB-D-ISR Distributor	SI8421BB-D-ISR Supplier
SI8421BB-D-ISR Price	SI8421BB-D-ISR Pictures	SI8421BB-D-ISR Image
SI8421BB-D-ISR PDF Datasheet	SI8421BB-D-ISR Download Datasheet	SI8421BB-D-ISR Datasheet
SI8421BB-D-ISR Stock	Buy SI8421BB-D-ISR	Buy Energy Micro (Silicon Labs) SI8421BB-D-ISR
Energy Micro (Silicon Labs) SI8421BB-D-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8421BB-D-ISR	Energy Micro SI8421BB-D-ISR	Energy Micro (Silicon Labs) SI8421BB-D-ISR
Silicon Laboratories SI8421BB-D-ISR	Silicon Labs SI8421BB-D-ISR	

Related Products

**SI8422AB-B-IS**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 2.5KV GEN PURP 8SOIC
 In stock: [Out stock](#)

[RFQ](#)
**SI8421AD-B-IS**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC
 In stock: [Out stock](#)

[RFQ](#)
**SI8421AD-D-ISR**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC
 In stock: [850 pcs](#)

[RFQ](#)
**SI8421BD-B-ISR**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC
 In stock: [Out stock](#)

[RFQ](#)
**SI8421BD-D-IS**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC
 In stock: [46 pcs](#)

[RFQ](#)
**SI8422AB-B-ISR**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 2.5KV GEN PURP 8SOIC
 In stock: [Out stock](#)

[RFQ](#)
**SI8421BB-D-IS**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 2.5KV GEN PURP 8SOIC
 In stock: [Out stock](#)

[RFQ](#)
**SI8421BD-B-IS**

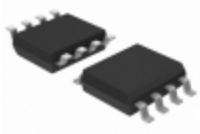
Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC
 In stock: [Out stock](#)

[RFQ](#)
**SI8421AD-D-IS**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC
 In stock: [62 pcs](#)

[RFQ](#)
**SI8421AD-B-ISR**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC
 In stock: [Out stock](#)

[RFQ](#)
**SI8421AB-D-ISR**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 2.5KV GEN PURP 8SOIC
 In stock: [Out stock](#)

[RFQ](#)
**SI8421BD-D-ISR**

Manufacturers: [Energy Micro \(Silicon Labs\)](#)
 Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC
 In stock: [Out stock](#)

[RFQ](#)