




Energy Micro (Silicon Labs)

**SI8641BB-B-ISR**

Part Number:	SI8641BB-B-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GEN PURP 16SOIC
Datasheets:	<a href="#">PDF SI8641BB-B-ISR.pdf</a>
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 SI8641BB-B-ISR**

PART NUMBER	SI8641BB-B-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	<a href="#">PDF SI8641BB-B-ISR.pdf</a>
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
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)
OTHER NAMES	336-4783-2 SI8641BB-B-ISR-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	3/1
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 4 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) SI8641BB-B-ISR	SI8641BB-B-ISR Distributor	SI8641BB-B-ISR Supplier
SI8641BB-B-ISR Price	SI8641BB-B-ISR Pictures	SI8641BB-B-ISR Image
SI8641BB-B-ISR PDF Datasheet	SI8641BB-B-ISR Download Datasheet	SI8641BB-B-ISR Datasheet
SI8641BB-B-ISR Stock	Buy SI8641BB-B-ISR	Buy Energy Micro (Silicon Labs) SI8641BB-B-ISR
Energy Micro (Silicon Labs) SI8641BB-B-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8641BB-B-ISR	Energy Micro SI8641BB-B-ISR	Energy Micro (Silicon Labs) SI8641BB-B-ISR
Silicon Laboratories SI8641BB-B-ISR	Silicon Labs SI8641BB-B-ISR	

**Related Products**

 <p><b>SI8641BC-B-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>SI8641BB-B-IU</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>SI8641BB-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 574 pcs <a href="#">RFQ</a></p>	 <p><b>SI8641BA-C-IU</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: 400 pcs <a href="#">RFQ</a></p>
 <p><b>SI8641BA-B-IUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>SI8641BD-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>SI8641BA-C-IUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>SI8641BC-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>SI8641BB-B-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>SI8641BB-B-IUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>SI8641BB-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>SI8641BD-B-IS2</b> Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 48 pcs <a href="#">RFQ</a></p>