



Energy Micro (Silicon Labs)

## SI8650EB-B-IU

Part Number:	SI8650EB-B-IU
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	5-CH 2.5KV ISOLATOR, 150M, 5/0,
Datasheets:	<a href="#">PDF SI8650EB-B-IU.pdf</a>
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 SI8650EB-B-IU

PART NUMBER	SI8650EB-B-IU
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	5-CH 2.5KV ISOLATOR, 150M, 5/0,
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	<a href="#">PDF SI8650EB-B-IU.pdf</a>
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-QSOP
SERIES	-
RISE / FALL TIME (TYP)	4ns, 4ns
PULSE WIDTH DISTORTION (MAX)	4.5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	13ns, 13ns
PACKAGING	Tube
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OTHER NAMES	336-4293 SI8650EB-B-IU-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	5
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	5/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 5 Channel 150Mbps 50kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	50kV/μs
CHANNEL TYPE	Unidirectional

### Related Tags

Energy Micro (Silicon Labs) SI8650EB-B-IU	SI8650EB-B-IU Distributor	SI8650EB-B-IU Supplier
SI8650EB-B-IU Price	SI8650EB-B-IU Pictures	SI8650EB-B-IU Image
SI8650EB-B-IU PDF Datasheet	SI8650EB-B-IU Download Datasheet	SI8650EB-B-IU Datasheet
SI8650EB-B-IU Stock	Buy SI8650EB-B-IU	Buy Energy Micro (Silicon Labs) SI8650EB-B-IU
Energy Micro (Silicon Labs) SI8650EB-B-IU	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8650EB-B-IU	Energy Micro SI8650EB-B-IU	Energy Micro (Silicon Labs) SI8650EB-B-IU
Silicon Laboratories SI8650EB-B-IU	Silicon Labs SI8650EB-B-IU	

### Related Products

<p><b>SI8650ED-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 5CH GEN PURP 16SOIC In stock: 506 pcs <a href="#">RFQ</a></p>	<p><b>SI8650BB-B-IUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: 5-CH 2.5KV ISOLATOR, 150M, 5/0, In stock: Out stock <a href="#">RFQ</a></p>
<p><b>SI8650EB-B-IUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: 5-CH 2.5KV ISOLATOR, 150M, 5/0, In stock: Out stock <a href="#">RFQ</a></p>	<p><b>SI8650EC-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>SI8651AB-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 13 pcs <a href="#">RFQ</a></p>	<p><b>SI8650BC-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 242 pcs <a href="#">RFQ</a></p>
<p><b>SI8650BC-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>SI8650ED-B-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 5CH GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>
<p><b>SI8650BD-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 5CH GEN PURP 16SOIC In stock: 702 pcs <a href="#">RFQ</a></p>	<p><b>SI8650EC-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 509 pcs <a href="#">RFQ</a></p>
<p><b>SI8650BB-B-IU</b> Manufacturers: Energy Micro (Silicon Labs) Description: 5-CH 2.5KV ISOLATOR, 150M, 5/0, In stock: 112 pcs <a href="#">RFQ</a></p>	<p><b>SI8650BD-B-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 5CH GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>