



Energy Micro (Silicon Labs)

## SI8651AB-B-IS1

Part Number:	SI8651AB-B-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GEN PURP 16SOIC
Datasheets:	<a href="#">PDF SI8651AB-B-IS1.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 SI8651AB-B-IS1

PART NUMBER	SI8651AB-B-IS1
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 SI8651AB-B-IS1.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)	25ns
PROPAGATION DELAY TPLH / TPHL (MAX)	35ns, 35ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-4711 SI8651AB-B-IS1-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	5
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	4/1
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 5 Channel 1Mbps 35kV/μs CMTI 16-SOIC (0.154", 3.90mm Width)
DATA RATE	1Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
CHANNEL TYPE	Unidirectional

### Related Tags

Energy Micro (Silicon Labs) SI8651AB-B-IS1	SI8651AB-B-IS1 Distributor	SI8651AB-B-IS1 Supplier
SI8651AB-B-IS1 Price	SI8651AB-B-IS1 Pictures	SI8651AB-B-IS1 Image
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Silicon Laboratories SI8651AB-B-IS1	Silicon Labs SI8651AB-B-IS1	

### 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>SI8651BB-B-IUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: 5-CH 2.5KV ISOLATOR, 150M, 4/1, In stock: Out stock <a href="#">RFQ</a></p>
<p><b>SI8650EB-B-IU</b> Manufacturers: Energy Micro (Silicon Labs) Description: 5-CH 2.5KV ISOLATOR, 150M, 5/0, In stock: 92 pcs <a href="#">RFQ</a></p>	<p><b>SI8651BB-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>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>SI8651AB-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>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>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>SI8651BA-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>SI8651BB-B-IU</b> Manufacturers: Energy Micro (Silicon Labs) Description: 5-CH 2.5KV ISOLATOR, 150M, 4/1, In stock: 57 pcs <a href="#">RFQ</a></p>
<p><b>SI8651BB-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>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>