




Energy Micro (Silicon Labs)

## SI8455BA-B-IUR

Part Number:	SI8455BA-B-IUR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 1KV 5CH GEN PURP 16QSOP
Datasheets:	<a href="#">SI8455BA-B-IUR.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 SI8455BA-B-IUR

PART NUMBER	SI8455BA-B-IUR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 1KV 5CH GEN PURP 16QSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">SI8455BA-B-IUR.pdf</a>
VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
VOLTAGE - ISOLATION	1000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-QSOP
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-SSOP (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	5
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	5/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 1000Vrms 5 Channel 150Mbps 25kV/μs (Typ) CMTI 16-SSOP (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) SI8455BA-B-IUR	SI8455BA-B-IUR Distributor	SI8455BA-B-IUR Supplier
SI8455BA-B-IUR Price	SI8455BA-B-IUR Pictures	SI8455BA-B-IUR Image
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Silicon Laboratories SI8455BA-B-IUR	Silicon Labs SI8455BA-B-IUR	

### Related Products

 <p><b>SI8457DB-T1-E1</b> Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET P-CH 12V MICROFOOT In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8455BA-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8455BA-A-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8455BB-A-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8455BB-A-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8455BA-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8455BB-B-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8455BB-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8455BA-A-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8455BA-B-IU</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16QSOP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8455BA-B-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8455BB-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>