



Energy Micro (Silicon Labs)

SI8452BA-B-IS1

Part Number:	SI8452BA-B-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 1KV 5CH GEN PURP 16SOIC
Datasheets:	PDF SI8452BA-B-IS1.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 SI8452BA-B-IS1

PART NUMBER	SI8452BA-B-IS1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 1KV 5CH GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF SI8452BA-B-IS1.pdf
VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
VOLTAGE - ISOLATION	1000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-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	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	5
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	3/2
DETAILED DESCRIPTION	General Purpose Digital Isolator 1000Vrms 5 Channel 150Mbps 25kV/μs (Typ) CMTI 16-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) SI8452BA-B-IS1	SI8452BA-B-IS1 Distributor	SI8452BA-B-IS1 Supplier
SI8452BA-B-IS1 Price	SI8452BA-B-IS1 Pictures	SI8452BA-B-IS1 Image
SI8452BA-B-IS1 PDF Datasheet	SI8452BA-B-IS1 Download Datasheet	SI8452BA-B-IS1 Datasheet
SI8452BA-B-IS1 Stock	Buy SI8452BA-B-IS1	Buy Energy Micro (Silicon Labs) SI8452BA-B-IS1
Energy Micro (Silicon Labs) SI8452BA-B-IS1	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8452BA-B-IS1	Energy Micro SI8452BA-B-IS1	Energy Micro (Silicon Labs) SI8452BA-B-IS1
Silicon Laboratories SI8452BA-B-IS1	Silicon Labs SI8452BA-B-IS1	

Related Products

<p>SI8452BA-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock RFQ</p>	<p>SI8452AB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p>
<p>SI8452BB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p>	<p>SI8452BB-A-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p>
<p>SI8452BB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p>	<p>SI8452AB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p>
<p>SI8452AB-A-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p>	<p>SI8452BB-A-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p>
<p>SI8455BA-A-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock RFQ</p>	<p>SI8452BA-A-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock RFQ</p>
<p>SI8452AB-A-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</p>	<p>SI8452BA-A-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock RFQ</p>