



Energy Micro (Silicon Labs)



SI8445BA-D-IS1

Part Number:	SI8445BA-D-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 1KV 4CH GEN PURP 16SOIC
Datasheets:	 SI8445BA-D-IS1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	39702 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8445BA-D-IS1

PART NUMBER	SI8445BA-D-IS1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 1KV 4CH GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	39702 pcs
DATA SHEET	 SI8445BA-D-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	4
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	4/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 1000Vrms 4 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) SI8445BA-D-IS1	SI8445BA-D-IS1 Distributor	SI8445BA-D-IS1 Supplier
SI8445BA-D-IS1 Price	SI8445BA-D-IS1 Pictures	SI8445BA-D-IS1 Image
SI8445BA-D-IS1 PDF Datasheet	SI8445BA-D-IS1 Download Datasheet	SI8445BA-D-IS1 Datasheet
SI8445BA-D-IS1 Stock	Buy SI8445BA-D-IS1	Buy Energy Micro (Silicon Labs) SI8445BA-D-IS1
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Energy Micro (Silicon Labs) SI8445BA-D-IS1	Energy Micro SI8445BA-D-IS1	Energy Micro (Silicon Labs) SI8445BA-D-IS1
Silicon Laboratories SI8445BA-D-IS1	Silicon Labs SI8445BA-D-IS1	

Related Products

 SI8445BA-C-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC In stock: 41703 pcs RFQ	 SI8445BA-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC In stock: 33595 pcs RFQ
 SI8445BB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 39932 pcs RFQ	 SI8445BB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 41950 pcs RFQ
 SI8445BB-C-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 38248 pcs RFQ	 SI8445BA-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC In stock: 48020 pcs RFQ
 SI8442BB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 44637 pcs RFQ	 SI8442BB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 41160 pcs RFQ
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 SI8445BB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 32992 pcs RFQ	 SI8445-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 2731 pcs RFQ