



Energy Micro (Silicon Labs)



SI8445BB-D-ISR

Part Number:	SI8445BB-D-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GEN PURP 16SOIC
Datasheets:	 SI8445BB-D-ISR.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 SI8445BB-D-ISR

PART NUMBER	SI8445BB-D-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8445BB-D-ISR.pdf
VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
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	Tape & Reel (TR)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
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 2500Vrms 4 Channel 150Mbps 25kV/μs (Typ) CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs (Typ)
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8445BB-D-ISR	SI8445BB-D-ISR Distributor	SI8445BB-D-ISR Supplier
SI8445BB-D-ISR Price	SI8445BB-D-ISR Pictures	SI8445BB-D-ISR Image
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SI8445BB-D-ISR Stock	Buy SI8445BB-D-ISR	Buy Energy Micro (Silicon Labs) SI8445BB-D-ISR
Energy Micro (Silicon Labs) SI8445BB-D-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8445BB-D-ISR	Energy Micro SI8445BB-D-ISR	Energy Micro (Silicon Labs) SI8445BB-D-ISR
Silicon Laboratories SI8445BB-D-ISR	Silicon Labs SI8445BB-D-ISR	

Related Products

 SI8450AA-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock RFQ	 SI8445BB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ
 SI8445BB-C-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ	 SI8450AA-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock RFQ
 SI8447DB-T2-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET P-CH 20V 11A MICROFOOT In stock: 165 pcs RFQ	 SI8450AA-A-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 5CH GEN PURP 16SOIC In stock: Out stock RFQ
 SI8445DB-T2-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET P-CH 20V 9.8A MICROFOOT In stock: Out stock RFQ	 SI8445BA-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ
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