

SILICON LABS

Energy Micro (Silicon Labs)



SI8445BA-D-IS

Part Number:	SI8445BA-D-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 1KV 4CH GEN PURP 16SOIC
Datasheets:	 SI8445BA-D-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	33595 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8445BA-D-IS

PART NUMBER	SI8445BA-D-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 1KV 4CH GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	33595 pcs
DATA SHEET	 SI8445BA-D-IS.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 (0.295", 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 1000Vrms 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) SI8445BA-D-IS	SI8445BA-D-IS Distributor	SI8445BA-D-IS Supplier
SI8445BA-D-IS Price	SI8445BA-D-IS Pictures	SI8445BA-D-IS Image
SI8445BA-D-IS PDF Datasheet	SI8445BA-D-IS Download Datasheet	SI8445BA-D-IS Datasheet
SI8445BA-D-IS Stock	Buy SI8445BA-D-IS	Buy Energy Micro (Silicon Labs) SI8445BA-D-IS
Energy Micro (Silicon Labs) SI8445BA-D-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 SI8445BB-C-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 35858 pcs RFQ	 SI8445BA-C-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC In stock: 49237 pcs RFQ
 SI8442BB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 35990 pcs RFQ	 SI8442BB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 44637 pcs RFQ
 SI8445BB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 32992 pcs RFQ	 SI8445BA-C-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC In stock: 41703 pcs RFQ
 SI8445BB-C-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 38248 pcs RFQ	 SI8445BB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 41950 pcs RFQ
 SI8442BB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 41160 pcs RFQ	 SI8445BA-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC In stock: 48020 pcs RFQ
 SI8445BA-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC In stock: 39702 pcs RFQ	 SI8445-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 2731 pcs RFQ