



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI8420BD-D-IS

Part Number:	SI8420BD-D-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 2CH GEN PURP 16SOIC
Datasheets:	 SI8420BD-D-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	41052 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8420BD-D-IS

PART NUMBER	SI8420BD-D-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 2CH GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	41052 pcs
DATA SHEET	 SI8420BD-D-IS.pdf
VOLTAGE - SUPPLY	2.7 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2ns, 2ns
PULSE WIDTH DISTORTION (MAX)	3ns
PROPAGATION DELAY TPLH / TPHL (MAX)	11ns, 11ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-4701 SI8420BD-D-IS-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
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	2/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 5000Vrms 2 Channel 150Mbps 20kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	20kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8420BD-D-IS	SI8420BD-D-IS Distributor	SI8420BD-D-IS Supplier
SI8420BD-D-IS Price	SI8420BD-D-IS Pictures	SI8420BD-D-IS Image
SI8420BD-D-IS PDF Datasheet	SI8420BD-D-IS Download Datasheet	SI8420BD-D-IS Datasheet
SI8420BD-D-IS Stock	Buy SI8420BD-D-IS	Buy Energy Micro (Silicon Labs) SI8420BD-D-IS
Energy Micro (Silicon Labs) SI8420BD-D-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8420BD-D-IS	Energy Micro SI8420BD-D-IS	Energy Micro (Silicon Labs) SI8420BD-D-IS
Silicon Laboratories SI8420BD-D-IS	Silicon Labs SI8420BD-D-IS	

Related Products

 SI8420BD-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 7044 pcs RFQ	 SI8421AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SOIC In stock: 98660 pcs RFQ
 SI8421AB-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: IC ISOLATOR 2CH 5.5V 8-SOIC In stock: 76413 pcs RFQ	 SI8420BD-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 5949 pcs RFQ
 SI8420BD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 57482 pcs RFQ	 SI8420AD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 88686 pcs RFQ
 SI8421-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SOIC In stock: 5123 pcs RFQ	 SI8421-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SOIC In stock: 3672 pcs RFQ
 SI8420AD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 65639 pcs RFQ	 SI8420BB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SOIC In stock: 103802 pcs RFQ
 SI8421-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SOIC In stock: 6870 pcs RFQ	 SI8420BB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SOIC In stock: 109530 pcs RFQ