



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

Part Number:	SI88420BC-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 2CH GEN PURP 16SOIC
Datasheets:	 SI88420BC-ISR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	29397 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI88420BC-ISR

PART NUMBER	SI88420BC-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 2CH GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	29397 pcs
DATA SHEET	 SI88420BC-ISR.pdf
VOLTAGE - SUPPLY	3 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	7ns
PROPAGATION DELAY TPLH / TPHL (MAX)	18ns, 23ns
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 100Mbps 40kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	100Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	40kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI88420BC-ISR	SI88420BC-ISR Distributor	SI88420BC-ISR Supplier
SI88420BC-ISR Price	SI88420BC-ISR Pictures	SI88420BC-ISR Image
SI88420BC-ISR PDF Datasheet	SI88420BC-ISR Download Datasheet	SI88420BC-ISR Datasheet
SI88420BC-ISR Stock	Buy SI88420BC-ISR	Buy Energy Micro (Silicon Labs) SI88420BC-ISR
Energy Micro (Silicon Labs) SI88420BC-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI88420BC-ISR	Energy Micro SI88420BC-ISR	Energy Micro (Silicon Labs) SI88420BC-ISR
Silicon Laboratories SI88420BC-ISR	Silicon Labs SI88420BC-ISR	

Related Products

 SI88421EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 28348 pcs RFQ	 SI88420EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 36457 pcs RFQ
 SI88344EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 23066 pcs RFQ	 SI88421EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 30080 pcs RFQ
 SI88344EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 20571 pcs RFQ	 SI88421BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 25142 pcs RFQ
 SI88343EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 22704 pcs RFQ	 SI88343EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 17813 pcs RFQ
 SI88420BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 24762 pcs RFQ	 SI88420EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 29498 pcs RFQ
 SI88342EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 20155 pcs RFQ	 SI88421BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 33541 pcs RFQ