





Energy Micro (Silicon Labs)


SI88420EC-IS

Part Number:	SI88420EC-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 5KV 2CH GEN PURP 16SOIC
Datasheets:	 SI88420EC-IS.pdf
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	29498 pcs stock
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 SI88420EC-IS

PART NUMBER	SI88420EC-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	29498 pcs
DATA SHEET	 SI88420EC-IS.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) SI88420EC-IS	SI88420EC-IS Distributor	SI88420EC-IS Supplier
SI88420EC-IS Price	SI88420EC-IS Pictures	SI88420EC-IS Image
SI88420EC-IS PDF Datasheet	SI88420EC-IS Download Datasheet	SI88420EC-IS Datasheet
SI88420EC-IS Stock	Buy SI88420EC-IS	Buy Energy Micro (Silicon Labs) SI88420EC-IS
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Silicon Laboratories SI88420EC-IS	Silicon Labs SI88420EC-IS	

Related Products

 <p>SI88421EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 28348 pcs</p> <p>RFQ</p>	 <p>SI88421BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 25142 pcs</p> <p>RFQ</p>
 <p>SI88344EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 20571 pcs</p> <p>RFQ</p>	 <p>SI88344EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 23066 pcs</p> <p>RFQ</p>
 <p>SI88420EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 36457 pcs</p> <p>RFQ</p>	 <p>SI88343EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 17813 pcs</p> <p>RFQ</p>
 <p>SI88421EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 30080 pcs</p> <p>RFQ</p>	 <p>SI88343EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 22704 pcs</p> <p>RFQ</p>
 <p>SI88420BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 29397 pcs</p> <p>RFQ</p>	 <p>SI88421BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 33541 pcs</p> <p>RFQ</p>
 <p>SI88420BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 24762 pcs</p> <p>RFQ</p>	 <p>SI88422BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: 26115 pcs</p> <p>RFQ</p>