



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI88242EC-IS

Part Number:	SI88242EC-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 4CH GEN PURP 20SOIC
Datasheets:	 SI88242EC-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	16714 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI88242EC-IS

PART NUMBER	SI88242EC-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 4CH GEN PURP 20SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16714 pcs
DATA SHEET	 SI88242EC-IS.pdf
VOLTAGE - SUPPLY	3 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	20-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	7ns
PROPAGATION DELAY TPLH / TPHL (MAX)	18ns, 23ns
PACKAGE / CASE	20-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
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	2/2
DETAILED DESCRIPTION	General Purpose Digital Isolator 5000Vrms 4 Channel 100Mbps 40kV/μs CMTI 20-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) SI88242EC-IS	SI88242EC-IS Distributor	SI88242EC-IS Supplier
SI88242EC-IS Price	SI88242EC-IS Pictures	SI88242EC-IS Image
SI88242EC-IS PDF Datasheet	SI88242EC-IS Download Datasheet	SI88242EC-IS Datasheet
SI88242EC-IS Stock	Buy SI88242EC-IS	Buy Energy Micro (Silicon Labs) SI88242EC-IS
Energy Micro (Silicon Labs) SI88242EC-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI88242EC-IS	Energy Micro SI88242EC-IS	Energy Micro (Silicon Labs) SI88242EC-IS
Silicon Laboratories SI88242EC-IS	Silicon Labs SI88242EC-IS	

Related Products

 SI88242BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 26424 pcs RFQ	 SI88241ED-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 19072 pcs RFQ
 SI88243BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 26550 pcs RFQ	 SI88241EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 26845 pcs RFQ
 SI88242BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 18815 pcs RFQ	 SI88242EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 24453 pcs RFQ
 SI88241ED-ISR Manufacturers: Silicon Labs Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 21108 pcs RFQ	 SI88242BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 18674 pcs RFQ
 SI88243EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 17304 pcs RFQ	 SI88243BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 17246 pcs RFQ
 SI88242ED-ISR Manufacturers: Silicon Labs Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 19425 pcs RFQ	 SI88242ED-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 23557 pcs RFQ