



Image may be representation. See specifications for product details.

SI88442EC-IS

Part Number:	SI88442EC-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 4CH GEN PURP 20SOIC
Datasheets:	PDF SI88442EC-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

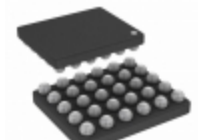
Specifications of SI88442EC-IS

PART NUMBER	SI88442EC-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 4CH GEN PURP 20SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF SI88442EC-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) SI88442EC-IS	SI88442EC-IS Distributor	SI88442EC-IS Supplier
SI88442EC-IS Price	SI88442EC-IS Pictures	SI88442EC-IS Image
SI88442EC-IS PDF Datasheet	SI88442EC-IS Download Datasheet	SI88442EC-IS Datasheet
SI88442EC-IS Stock	Buy SI88442EC-IS	Buy Energy Micro (Silicon Labs) SI88442EC-IS
Energy Micro (Silicon Labs) SI88442EC-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI88442EC-IS	Energy Micro SI88442EC-IS	Energy Micro (Silicon Labs) SI88442EC-IS
Silicon Laboratories SI88442EC-IS	Silicon Labs SI88442EC-IS	

Related Products

 SI88442EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: Out stock RFQ	 SI88444EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: Out stock RFQ
 SI8851EDB-T2-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET P-CH 20V 7.7A MICRO FOOT In stock: Out stock RFQ	 SI88422EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock RFQ
 SI88443EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: Out stock RFQ	 SI88422EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock RFQ
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