



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI88444EC-IS

Part Number:	SI88444EC-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 4CH GEN PURP 20SOIC
Datasheets:	 SI88444EC-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	17808 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI88444EC-IS

PART NUMBER	SI88444EC-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	17808 pcs
DATA SHEET	 SI88444EC-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	0/4
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) SI88444EC-IS	SI88444EC-IS Distributor	SI88444EC-IS Supplier
SI88444EC-IS Price	SI88444EC-IS Pictures	SI88444EC-IS Image
SI88444EC-IS PDF Datasheet	SI88444EC-IS Download Datasheet	SI88444EC-IS Datasheet
SI88444EC-IS Stock	Buy SI88444EC-IS	Buy Energy Micro (Silicon Labs) SI88444EC-IS
Energy Micro (Silicon Labs) SI88444EC-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI88444EC-IS	Energy Micro SI88444EC-IS	Energy Micro (Silicon Labs) SI88444EC-IS
Silicon Laboratories SI88444EC-IS	Silicon Labs SI88444EC-IS	

Related Products

 SI88620BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC In stock: 26029 pcs RFQ	 SI88620EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC In stock: 28481 pcs RFQ
 SI88443EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 23124 pcs RFQ	 SI88444EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 24052 pcs RFQ
 SI88443EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 19297 pcs RFQ	 SI88442EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 21820 pcs RFQ
 SI88441EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 21358 pcs RFQ	 SI88620BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC In stock: 24996 pcs RFQ
 SI8851EDB-T2-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET P-CH 20V 7.7A MICRO FOOT In stock: 320621 pcs RFQ	 SI88441EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 22937 pcs RFQ
 SI88442EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 23036 pcs RFQ	 SI88620BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 20SOIC In stock: 27944 pcs RFQ