



SILICON LABS

Silicon Labs



SI88242ED-ISR

Part Number:	SI88242ED-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 4CH GEN PURP 20SOIC
Datasheets:	 SI88242ED-ISR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19425 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI88242ED-ISR

PART NUMBER	SI88242ED-ISR
MANUFACTURER	Silicon Labs
DESCRIPTION	DGTL ISO 5KV 4CH GEN PURP 20SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19425 pcs
DATA SHEET	 SI88242ED-ISR.pdf
VOLTAGE - FORWARD (VF) (TYP)	4.8ns (Typ)
VOLTAGE - BREAKDOWN	20-SOIC
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SHELL STYLE	3 V ~ 5.5 V
SERIES	Automotive, AEC-Q100
ROHS STATUS	Tape & Reel (TR)
PULSE WIDTH DISTORTION (MAX)	12.6ns, 17.5ns (Typ)
PROPAGATION DELAY TPLH / TPHL (MAX)	40kV/μs
POLARIZATION	20-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER PART NUMBER	SI88242ED-ISR
INPUTS - SIDE 1/SIDE 2	No
HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)	2.5ns, 2.5ns
FREQUENCY - CUTOFF OR CENTER	100Mbps
EXPANDED DESCRIPTION	General Purpose Digital Isolator 5000Vrms 4 Channel 100Mbps 40kV/μs CMTI 20-SOIC (0.295", 7.50mm Width)
DESCRIPTION	DGTL ISO 5KV 4CH GEN PURP 20SOIC
CURRENT - BREAKOVER	5000Vrms
COMMON MODE TRANSIENT IMMUNITY (MIN)	2/2
CHANNELS PER CIRCUIT	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI88242ED-ISR	SI88242ED-ISR Distributor	SI88242ED-ISR Supplier
SI88242ED-ISR Price	SI88242ED-ISR Pictures	SI88242ED-ISR Image
SI88242ED-ISR PDF Datasheet	SI88242ED-ISR Download Datasheet	SI88242ED-ISR Datasheet
SI88242ED-ISR Stock	Buy SI88242ED-ISR	Buy Energy Micro (Silicon Labs) SI88242ED-ISR
Energy Micro (Silicon Labs) SI88242ED-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 SI88242BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 26424 pcs RFQ	 SI88243EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 17304 pcs RFQ
 SI88243ED-ISR Manufacturers: Silicon Labs Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 20044 pcs RFQ	 SI88243BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 17246 pcs RFQ
 SI88242EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 16714 pcs RFQ	 SI88242BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 18674 pcs RFQ
 SI88243ED-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 20436 pcs RFQ	 SI88242ED-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 23504 pcs RFQ
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