



SILICON LABS

Silicon Labs



SI88241ED-ISR

Part Number:	SI88241ED-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 4CH GEN PURP 20SOIC
Datasheets:	 SI88241ED-ISR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	21108 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI88241ED-ISR

PART NUMBER	SI88241ED-ISR
MANUFACTURER	Silicon Labs
DESCRIPTION	DGTL ISO 5KV 4CH GEN PURP 20SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21108 pcs
DATA SHEET	 SI88241ED-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	SI88241ED-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)	3/1
CHANNELS PER CIRCUIT	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI88241ED-ISR	SI88241ED-ISR Distributor	SI88241ED-ISR Supplier
SI88241ED-ISR Price	SI88241ED-ISR Pictures	SI88241ED-ISR Image
SI88241ED-ISR PDF Datasheet	SI88241ED-ISR Download Datasheet	SI88241ED-ISR Datasheet
SI88241ED-ISR Stock	Buy SI88241ED-ISR	Buy Energy Micro (Silicon Labs) SI88241ED-ISR
Energy Micro (Silicon Labs) SI88241ED-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 SI88241EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 26845 pcs RFQ	 SI88241BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 20883 pcs RFQ
 SI88242EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 24453 pcs RFQ	 SI88241EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 17900 pcs RFQ
 SI88242EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 16714 pcs RFQ	 SI88240ED-ISR Manufacturers: Silicon Labs Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 24842 pcs RFQ
 SI88242ED-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 23557 pcs RFQ	 SI88241BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 25947 pcs RFQ
 SI88242BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 18674 pcs RFQ	 SI88242BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 18815 pcs RFQ
 SI88241ED-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 19072 pcs RFQ	 SI88242BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC In stock: 26424 pcs RFQ