



Energy Micro (Silicon Labs)



SI8642ED-B-IS2R

Part Number:	SI8642ED-B-IS2R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	QUAD CH 5KV ISOLATOR, 150M, 2/2,
Datasheets:	 SI8642ED-B-IS2R.pdf
Stock Condition	32051 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8642ED-B-IS2R

PART NUMBER	SI8642ED-B-IS2R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	QUAD CH 5KV ISOLATOR, 150M, 2/2,
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	32051 pcs
DATA SHEET	 SI8642ED-B-IS2R.pdf
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	4ns, 4ns
PULSE WIDTH DISTORTION (MAX)	4.5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	13ns, 13ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-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)
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	2/2
DETAILED DESCRIPTION	General Purpose Digital Isolator 5000Vrms 4 Channel 150Mbps 50kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	50kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8642ED-B-IS2R	SI8642ED-B-IS2R Distributor	SI8642ED-B-IS2R Supplier
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Silicon Laboratories SI8642ED-B-IS2R	Silicon Labs SI8642ED-B-IS2R	

Related Products

 SI8642EB-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 2/ In stock: 36840 pcs RFQ	 SI8645BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 29964 pcs RFQ
 SI8642ED-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 29636 pcs RFQ	 SI8642EC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 33723 pcs RFQ
 SI8642ET-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 21764 pcs RFQ	 SI8642ED-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 28144 pcs RFQ
 SI8642ET-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 25717 pcs RFQ	 SI8642EC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 40258 pcs RFQ
 SI8645BA-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: 35104 pcs RFQ	 SI8642EB-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 2/ In stock: 49580 pcs RFQ
 SI8645BA-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: 38031 pcs RFQ	 SI8642ED-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 27147 pcs RFQ