



Energy Micro (Silicon Labs)



SI8642BD-B-IS2

Part Number:	SI8642BD-B-IS2
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	QUAD CH 5KV ISOLATOR
Datasheets:	 SI8642BD-B-IS2.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of SI8642BD-B-IS2

PART NUMBER	SI8642BD-B-IS2
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	QUAD CH 5KV ISOLATOR
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8642BD-B-IS2.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	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-4216
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
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 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) SI8642BD-B-IS2	SI8642BD-B-IS2 Distributor	SI8642BD-B-IS2 Supplier
SI8642BD-B-IS2 Price	SI8642BD-B-IS2 Pictures	SI8642BD-B-IS2 Image
SI8642BD-B-IS2 PDF Datasheet	SI8642BD-B-IS2 Download Datasheet	SI8642BD-B-IS2 Datasheet
SI8642BD-B-IS2 Stock	Buy SI8642BD-B-IS2	Buy Energy Micro (Silicon Labs) SI8642BD-B-IS2
Energy Micro (Silicon Labs) SI8642BD-B-IS2	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8642BD-B-IS2	Silicon Labs SI8642BD-B-IS2	

Related Products

 SI8642BC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock RFQ	 SI8642BB-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 2.5KV GEN PURP 16QSOP In stock: 410 pcs RFQ
 SI8642BB-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 2.5KV GEN PURP 16QSOP In stock: Out stock RFQ	 SI8642EB-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 2/ In stock: 96 pcs RFQ
 SI8642BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ	 SI8642BB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ
 SI8642BT-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ	 SI8642BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ
 SI8642EB-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 2/ In stock: Out stock RFQ	 SI8642BC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock RFQ
 SI8642BT-IS Manufacturers: Energy Micro (Silicon Labs) Description: DCTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 216 pcs RFQ	 SI8642BD-B-IS2R Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR, 150M, 2/2, In stock: Out stock RFQ