



SI8642EB-B-IU

Part Number:	SI8642EB-B-IU
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	QUAD CH 2.5KV ISOLATOR, 150M, 2/
Datasheets:	 SI8642EB-B-IU.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8642EB-B-IU

PART NUMBER	SI8642EB-B-IU
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	QUAD CH 2.5KV ISOLATOR, 150M, 2/
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 SI8642EB-B-IU.pdf
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-QSOP
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-SSOP (0.154", 3.90mm Width)
OTHER NAMES	336-4291 SI8642EB-B-IU-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	2/2
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 50kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	50kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8642EB-B-IU	SI8642EB-B-IU Distributor	SI8642EB-B-IU Supplier
SI8642EB-B-IU Price	SI8642EB-B-IU Pictures	SI8642EB-B-IU Image
SI8642EB-B-IU PDF Datasheet	SI8642EB-B-IU Download Datasheet	SI8642EB-B-IU Datasheet
SI8642EB-B-IU Stock	Buy SI8642EB-B-IU	Buy Energy Micro (Silicon Labs) SI8642EB-B-IU
Energy Micro (Silicon Labs) SI8642EB-B-IU	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8642EB-B-IU	Energy Micro SI8642EB-B-IU	Energy Micro (Silicon Labs) SI8642EB-B-IU
Silicon Laboratories SI8642EB-B-IU	Silicon Labs SI8642EB-B-IU	

Related Products

 SI8642BD-B-IS2R Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR, 150M, 2/2, In stock: Out stock RFQ	 SI8642BT-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 216 pcs RFQ
 SI8642BT-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ	 SI8642BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ
 SI8642BD-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 22 pcs RFQ	 SI8642ED-B-IS2R Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR, 150M, 2/2, In stock: Out stock RFQ
 SI8642ED-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 25 pcs RFQ	 SI8642EC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock RFQ
 SI8642BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL 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
 SI8642EC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ	 SI8642ED-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ