



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
Stock Condition	36840 pcs stock
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	
QUANTITY AVAILABLE	36840 pcs
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)
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

SI8642EC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 40258 pcs RFQ	SI8642EB-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 2/ In stock: 49580 pcs RFQ
SI8642ED-B-IS2R Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR, 150M, 2/2, In stock: 32051 pcs RFQ	SI8642BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 29317 pcs RFQ
SI8642BT-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 24505 pcs RFQ	SI8642ED-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 27147 pcs RFQ
SI8642BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 34388 pcs RFQ	SI8642EC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 33724 pcs RFQ
SI8642ED-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 28144 pcs RFQ	SI8642BT-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 25324 pcs RFQ
SI8642BD-B-IS2R Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR, 150M, 2/2, In stock: 31918 pcs RFQ	SI8642BD-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 24393 pcs RFQ