



Energy Micro (Silicon Labs)



SI8642AB-B-IS

Part Number:	SI8642AB-B-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GEN PURP 16SOIC
Datasheets:	 SI8642AB-B-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8642AB-B-IS

PART NUMBER	SI8642AB-B-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8642AB-B-IS.pdf
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	25ns
PROPAGATION DELAY TPLH / TPHL (MAX)	35ns, 35ns
PACKAGING	Tube
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)	2A (4 Weeks)
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 2500Vrms 4 Channel 1Mbps 35kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	1Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8642AB-B-IS	SI8642AB-B-IS Distributor	SI8642AB-B-IS Supplier
SI8642AB-B-IS Price	SI8642AB-B-IS Pictures	SI8642AB-B-IS Image
SI8642AB-B-IS PDF Datasheet	SI8642AB-B-IS Download Datasheet	SI8642AB-B-IS Datasheet
SI8642AB-B-IS Stock	Buy SI8642AB-B-IS	Buy Energy Micro (Silicon Labs) SI8642AB-B-IS
Energy Micro (Silicon Labs) SI8642AB-B-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8642AB-B-IS	Energy Micro SI8642AB-B-IS	Energy Micro (Silicon Labs) SI8642AB-B-IS
Silicon Laboratories SI8642AB-B-IS	Silicon Labs SI8642AB-B-IS	

Related Products

 SI8641ED-B-IS2R Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR, 150M, 3/1, In stock: Out stock RFQ	 SI8642BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 73 pcs RFQ
 SI8641ED-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 214 pcs RFQ	 SI8642BA-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: 808 pcs RFQ
 SI8642AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ	 SI8641ET-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 112 pcs RFQ
 SI8642BA-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP In stock: Out stock RFQ	 SI8642AB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ
 SI8642AB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ	 SI8641ED-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 70 pcs RFQ
 SI8641ET-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ	 SI8641ED-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ