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SILICON LABS Energy Micro (Silicon Labs)

SI8642AB-B-ISR

Part Number:	SI8642AB-B-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GEN PURP 16SOIC
Datasheets:	📄 SI8642AB-B-ISR.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 SI8642AB-B-ISR

PART NUMBER	SI8642AB-B-ISR
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-ISR.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	Tape & Reel (TR)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-4940-2 SI8642AB-B-ISR-ND
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 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-ISR	SI8642AB-B-ISR Distributor	SI8642AB-B-ISR Supplier
SI8642AB-B-ISR Price	SI8642AB-B-ISR Pictures	SI8642AB-B-ISR Image
SI8642AB-B-ISR PDF Datasheet	SI8642AB-B-ISR Download Datasheet	SI8642AB-B-ISR Datasheet
SI8642AB-B-ISR Stock	Buy SI8642AB-B-ISR	Buy Energy Micro (Silicon Labs) SI8642AB-B-ISR
Energy Micro (Silicon Labs) SI8642AB-B-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8642AB-B-ISR	Energy Micro SI8642AB-B-ISR	Energy Micro (Silicon Labs) SI8642AB-B-ISR
Silicon Laboratories SI8642AB-B-ISR	Silicon Labs SI8642AB-B-ISR	

Related Products

SI8642BA-B-IU
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: 808 pcs
RFQ

SI8642BB-B-IS1R
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
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-IS
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
In stock: 682 pcs
RFQ

SI8641ET-ISR
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 5KV 4CH 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

SI8642BB-B-IS1
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV GEN PURP 16SOIC
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

SI8642BA-B-IUR
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP
In stock: Out stock
RFQ

SI8642BB-B-ISR
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 2.5KV 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

SI8641ET-IS
Manufacturers: Energy Micro (Silicon Labs)
Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC
In stock: 112 pcs
RFQ

ISO 9001:2008 CERTIFIED | CNAS | IAF | UL | Pb lead free | RoHS