





Energy Micro (Silicon Labs)




SI8640BA-B-IU

Part Number:	SI8640BA-B-IU
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GEN PURP 16QSOP
Datasheets:	 SI8640BA-B-IU.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 SI8640BA-B-IU

PART NUMBER	SI8640BA-B-IU
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 16QSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8640BA-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)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	25ns
PROPAGATION DELAY TPLH / TPHL (MAX)	35ns, 35ns
PACKAGING	Tube
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OTHER NAMES	336-4377 SI8640BA-B-IU-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	4/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 4 Channel 1Mbps 35kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)
DATA RATE	1Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8640BA-B-IU	SI8640BA-B-IU Distributor	SI8640BA-B-IU Supplier
SI8640BA-B-IU Price	SI8640BA-B-IU Pictures	SI8640BA-B-IU Image
SI8640BA-B-IU PDF Datasheet	SI8640BA-B-IU Download Datasheet	SI8640BA-B-IU Datasheet
SI8640BA-B-IU Stock	Buy SI8640BA-B-IU	Buy Energy Micro (Silicon Labs) SI8640BA-B-IU
Energy Micro (Silicon Labs) SI8640BA-B-IU	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8640BA-B-IU	Energy Micro SI8640BA-B-IU	Energy Micro (Silicon Labs) SI8640BA-B-IU
Silicon Laboratories SI8640BA-B-IU	Silicon Labs SI8640BA-B-IU	

Related Products

 <div>SI8635ET-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: 29 pcs RFQ</div>	 <div>SI8640AB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</div>
 <div>SI8640AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 825 pcs RFQ</div>	 <div>SI8640AB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 379 pcs RFQ</div>
 <div>SI8640BA-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: Out stock RFQ</div>	 <div>SI8640BB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</div>
 <div>SI8640BB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</div>	 <div>SI8640BB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock RFQ</div>
 <div>SI8640BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 869 pcs RFQ</div>	 <div>SI8635ET-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 3CH GEN PURP 16SOIC In stock: Out stock RFQ</div>
 <div>SI8640BB-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 4/ In stock: 364 pcs RFQ</div>	 <div>SI8640AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 767 pcs RFQ</div>