



Energy Micro (Silicon Labs)



SI8641ED-B-IS

Part Number:	SI8641ED-B-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 4CH GEN PURP 16SOIC
Datasheets:	 SI8641ED-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 SI8641ED-B-IS

PART NUMBER	SI8641ED-B-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 4CH GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8641ED-B-IS.pdf
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	4.5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	13ns, 13ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-2090-5 SI8641EDBIS
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	3/1
DETAILED DESCRIPTION	General Purpose Digital Isolator 5000Vrms 4 Channel 150Mbps 35kV/μs CMTI 16-SOIC (0.295", 7.50mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8641ED-B-IS	SI8641ED-B-IS Distributor	SI8641ED-B-IS Supplier
SI8641ED-B-IS Price	SI8641ED-B-IS Pictures	SI8641ED-B-IS Image
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SI8641ED-B-IS Stock	Buy SI8641ED-B-IS	Buy Energy Micro (Silicon Labs) SI8641ED-B-IS
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Energy Micro (Silicon Labs) SI8641ED-B-IS	Energy Micro SI8641ED-B-IS	Energy Micro (Silicon Labs) SI8641ED-B-IS
Silicon Laboratories SI8641ED-B-IS	Silicon Labs SI8641ED-B-IS	

Related Products

 SI8641BT-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ	 SI8641EC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock RFQ
 SI8641ET-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH 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
 SI8641ED-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 70 pcs RFQ	 SI8641EB-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 3/ In stock: 457 pcs RFQ
 SI8641ED-B-IS2R Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR, 150M, 3/ 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
 SI8641EB-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 3/ In stock: Out stock RFQ	 SI8641BT-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 381 pcs RFQ
 SI8641EC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 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