



Energy Micro (Silicon Labs)



SI8641EC-B-IS1

Part Number:	SI8641EC-B-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 3.75KV GEN PURP 16SOIC
Datasheets:	 SI8641EC-B-IS1.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8641EC-B-IS1

PART NUMBER	SI8641EC-B-IS1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8641EC-B-IS1.pdf
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	3750Vrms
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 (0.154", 3.90mm Width)
OTHER NAMES	336-2089-5 SI8641ECBIS1
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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 3750Vrms 4 Channel 150Mbps 35kV/μs CMTI 16-SOIC (0.154", 3.90mm Width)
DATA RATE	150Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8641EC-B-IS1	SI8641EC-B-IS1 Distributor	SI8641EC-B-IS1 Supplier
SI8641EC-B-IS1 Price	SI8641EC-B-IS1 Pictures	SI8641EC-B-IS1 Image
SI8641EC-B-IS1 PDF Datasheet	SI8641EC-B-IS1 Download Datasheet	SI8641EC-B-IS1 Datasheet
SI8641EC-B-IS1 Stock	Buy SI8641EC-B-IS1	Buy Energy Micro (Silicon Labs) SI8641EC-B-IS1
Energy Micro (Silicon Labs) SI8641EC-B-IS1	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8641EC-B-IS1	Energy Micro SI8641EC-B-IS1	Energy Micro (Silicon Labs) SI8641EC-B-IS1
Silicon Laboratories SI8641EC-B-IS1	Silicon Labs SI8641EC-B-IS1	

Related Products

 SI8641ED-B-IS2 Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 5KV ISOLATOR In stock: 70 pcs RFQ	 SI8641ET-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 112 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
 SI8641BD-B-IS2R Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 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
 SI8641BT-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock RFQ	 SI8641EB-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: QUAD CH 2.5KV ISOLATOR, 150M, 3/ In stock: Out stock RFQ
 SI8641ED-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 214 pcs RFQ	 SI8641BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: Out stock 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