



Energy Micro (Silicon Labs)



SI8645BC-B-IS1

Part Number:	SI8645BC-B-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 3.75KV GEN PURP 16SOIC
Datasheets:	 SI8645BC-B-IS1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	26871 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8645BC-B-IS1

PART NUMBER	SI8645BC-B-IS1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26871 pcs
DATA SHEET	 SI8645BC-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	336-2097-5 SI8645BCBIS1
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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 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) SI8645BC-B-IS1	SI8645BC-B-IS1 Distributor	SI8645BC-B-IS1 Supplier
SI8645BC-B-IS1 Price	SI8645BC-B-IS1 Pictures	SI8645BC-B-IS1 Image
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Silicon Laboratories SI8645BC-B-IS1	Silicon Labs SI8645BC-B-IS1	

Related Products

 SI8645BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 29964 pcs RFQ	 SI8645BC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: 38022 pcs RFQ
 SI8645BB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 40904 pcs RFQ	 SI8645BB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 42161 pcs RFQ
 SI8645BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 23120 pcs RFQ	 SI8645BB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 40175 pcs RFQ
 SI8645BB-B-IUR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 37650 pcs RFQ	 SI8645BD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 30733 pcs RFQ
 SI8645BT-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 25114 pcs RFQ	 SI8645ET-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 22240 pcs RFQ
 SI8645BT-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC In stock: 21200 pcs RFQ	 SI8645BB-B-IU Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16QSOP In stock: 39041 pcs RFQ