



Energy Micro (Silicon Labs)

SI8605AB-B-IS1

Part Number: SI8605AB-B-IS1

Manufacturer/Brand: Energy Micro (Silicon Labs)

Product description: DGTL ISO 2.5KV 4CH I2C 16SOIC

Datasheets: [SI8605AB-B-IS1.pdf](#)

RoHS Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of SI8605AB-B-IS1

PART NUMBER	SI8605AB-B-IS1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV 4CH I2C 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	SI8605AB-B-IS1.pdf
VOLTAGE - SUPPLY	3 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	I ² C
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
RISE / FALL TIME (TYP)	-
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	-
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
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	3/3
DETAILED DESCRIPTION	I ² C Digital Isolator 2500Vrms 4 Channel 35kV/μs CMTI 16-SOIC (0.154", 3.90mm Width)
DATA RATE	-
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
CHANNEL TYPE	Bidirectional, Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8605AB-B-IS1	SI8605AB-B-IS1 Distributor	SI8605AB-B-IS1 Supplier
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Related Products

 <p>SI8605AC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 4CH I2C 16SOIC In stock: 703 pcs RFQ</p>	 <p>SI8602AD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: Out stock RFQ</p>
 <p>SI8602AD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISOLATOR 5KV 2CH I2C 16SOIC In stock: Out stock RFQ</p>	 <p>SI8605AD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISOLATOR 5KV 4CH I2C 16SOIC In stock: Out stock RFQ</p>
 <p>SI8605AD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISOLATOR 5KV 4CH I2C 16SOIC In stock: Out stock RFQ</p>	 <p>SI8605AC-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 4CH I2C 16SOIC In stock: Out stock RFQ</p>
 <p>SI8602AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH I2C 8SOIC In stock: Out stock RFQ</p>	 <p>SI8606AC-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 4CH I2C 16SOIC In stock: 121 pcs RFQ</p>
 <p>SI8602AC-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 2CH I2C 8SOIC In stock: Out stock RFQ</p>	 <p>SI8602AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 2CH I2C 8SOIC In stock: 535 pcs RFQ</p>
 <p>SI8605AB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV 4CH I2C 16SOIC In stock: Out stock RFQ</p>	 <p>SI8602AC-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 2CH I2C 8SOIC In stock: Out stock RFQ</p>