



SILICON LABS

Energy Micro (Silicon Labs)



SI8610EC-B-IS

Part Number:	SI8610EC-B-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 3.75KV GEN PURP 8SOIC
Datasheets:	 SI8610EC-B-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	49629 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8610EC-B-IS

PART NUMBER	SI8610EC-B-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV GEN PURP 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	49629 pcs
DATA SHEET	 SI8610EC-B-IS.pdf
VOLTAGE - SUPPLY	2.5 V ~ 5.5 V
VOLTAGE - ISOLATION	3750Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-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	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-2058-5 SI8610ECBIS
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	1/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 3750Vrms 1 Channel 150Mbps 35kV/μs CMTI 8-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) SI8610EC-B-IS	SI8610EC-B-IS Distributor	SI8610EC-B-IS Supplier
SI8610EC-B-IS Price	SI8610EC-B-IS Pictures	SI8610EC-B-IS Image
SI8610EC-B-IS PDF Datasheet	SI8610EC-B-IS Download Datasheet	SI8610EC-B-IS Datasheet
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Related Products

 SILICON LABS SI8610BB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: 65060 pcs RFQ	 SI8610BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GEN PURP 16SOIC In stock: 52139 pcs RFQ
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