





Energy Micro (Silicon Labs)


**SI8662EC-B-IS1R**

Part Number:	SI8662EC-B-IS1R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 3.75KV GEN PURP 16SOIC
Datasheets:	 <a href="#">SI8662EC-B-IS1R.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.



**Specifications of SI8662EC-B-IS1R**

PART NUMBER	SI8662EC-B-IS1R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV GEN PURP 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 <a href="#">SI8662EC-B-IS1R.pdf</a>
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	Cut Tape (CT)
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-4947-1
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	6
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	4/2
DETAILED DESCRIPTION	General Purpose Digital Isolator 3750Vrms 6 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

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**Related Products**

 <p><b>SI8662BD-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>SI8662BD-B-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>SI8663AB-B-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>SI8662ED-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>SI8662EB-B-IU</b> Manufacturers: Energy Micro (Silicon Labs) Description: 6-CH 2.5KV ISOLATOR, 150M, 4/2, In stock: 27 pcs <a href="#">RFQ</a></p>	 <p><b>SI8662ED-B-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>
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 <p><b>SI8663AB-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: 38 pcs <a href="#">RFQ</a></p>	 <p><b>SI8662EC-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>SI8662EB-B-IUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: 6-CH 2.5KV ISOLATOR, 150M, 4/2, In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>SI8663BB-B-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 16SOIC In stock: Out stock <a href="#">RFQ</a></p>