

**SI8661EC-B-IS1**



**Part Number:** [SI8661EC-B-IS1](#)  
**Manufacturer:** [Energy Micro \(Silicon Labs\)](#)  
**Description:** DGTL ISO 3.75KV GEN PURP 16SOIC  
**Data sheet:** [Si8660-63 Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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**PRODUCT PARAMETER**

Part Number	<a href="#">SI8661EC-B-IS1</a>
Manufacturer	<a href="#">Energy Micro (Silicon Labs)</a>
Description	DGTL ISO 3.75KV GEN PURP 16SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28288 pcs
Product Photo	<a href="#">SI8661EC-B-IS1.jpg</a>
Category	<a href="#">Isolators</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	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)
Other Names	336-2122-5 SI8661ECBIS1
Operating Temperature	-40°C ~ 125°C
Number of Channels	6
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	5/1
Detailed Description	General Purpose Digital Isolator 3750Vrms 6 Channel 150Mbps 35kV/μs CMT1 16-SOIC (0.154", 3.90mm Width)
Data Rate	150Mbps
Common Mode Transient Immunity (Min)	35kV/μs
Channel Type	Unidirectional

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	Part#: <a href="#">SI8661EC-B-IS1R</a> Description: DGTL ISO 3.75KV GEN PURP 16SOIC	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 30469	<a href="#">RFQ</a>
	Part#: <a href="#">SI8662AB-B-IS1</a> Description: DGTL ISO 2.5KV GEN PURP 16SOIC	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 50896	<a href="#">RFQ</a>
	Part#: <a href="#">SI8662BC-A-IS1</a> Description: DGTL ISO 3.75KV GEN PURP 16SOIC	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 5795	<a href="#">RFQ</a>
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	Part#: <a href="#">SI8662BB-B-IUR</a> Description: 6-CH 2.5KV ISOLATOR, 150M, 4/2,	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 36904	<a href="#">RFQ</a>
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	Part#: <a href="#">SI8662AB-B-IS1R</a> Description: DGTL ISO 2.5KV GEN PURP 16SOIC	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 53884	<a href="#">RFQ</a>
	Part#: <a href="#">SI8662BB-B-IS1</a> Description: DGTL ISO 2.5KV GEN PURP 16SOIC	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 35911	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661BD-B-IS</a> Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 23530	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661BD-B-IS2R</a> Description: 6-CH 5KV ISOLATOR, 150M, 5/1, WB	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 20123	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661EB-B-IU</a> Description: 6-CH 2.5KV ISOLATOR, 150M, 5/1,	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 32332	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661EB-B-IUR</a> Description: 6-CH 2.5KV ISOLATOR, 150M, 5/1,	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 34384	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661BD-B-IS2</a> Description: 6-CH 5KV ISOLATOR	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 23060	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661BC-B-IS1</a> Description: DGTL ISO 3.75KV GEN PURP 16SOIC	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 26629	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661BB-B-IU</a> Description: 6-CH 2.5KV ISOLATOR, 150M, 5/1,	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 34175	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661BB-B-IUR</a> Description: 6-CH 2.5KV ISOLATOR, 150M, 5/1,	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 38148	<a href="#">RFQ</a>
	Part#: <a href="#">SI8661BD-B-ISR</a> Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 24448	<a href="#">RFQ</a>

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