



Image may be representation.  
See specifications for product details.

### SI8660EB-B-IU

Part Number: **SI8660EB-B-IU**  
 Product Description: 6-CH 2.5KV ISOLATOR, 150M, 6/0,  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Manufacturer/Brand: Energy Micro (Silicon Labs)  
 Ship From: Hong Kong  
 Datasheets: SI8660EB-B-IU.pdf

**SUBMIT RFQ** >

#### Product details

<b>Part Number</b>	SI8660EB-B-IU	<b>Manufacturer</b>	Energy Micro (Silicon Labs)
<b>Description</b>	6-CH 2.5KV ISOLATOR, 150M, 6/0,	<b>Lead Free Status / RoHS Status</b>	
<b>Data sheet</b>	SI8660EB-B-IU.pdf		
<b>Voltage - Supply</b>	2.5 V ~ 5.5 V	<b>Voltage - Isolation</b>	2500Vrms
<b>Type</b>	General Purpose	<b>Technology</b>	Capacitive Coupling
<b>Supplier Device Package</b>	16-QSOP	<b>Series</b>	-
<b>Rise / Fall Time (Typ)</b>	4ns, 4ns	<b>Pulse Width Distortion (Max)</b>	4.5ns
<b>Propagation Delay tpLH / tpHL (Max)</b>	13ns, 13ns	<b>Packaging</b>	Tube
<b>Package / Case</b>	16-SSOP (0.154", 3.90mm Width)	<b>Other Names</b>	336-4299 SI8660EB-B-IU-ND
<b>Operating Temperature</b>	-40°C ~ 125°C	<b>Number of Channels</b>	6
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	2A (4 Weeks)
<b>Manufacturer Standard Lead Time</b>	6 Weeks	<b>Isolated Power</b>	No
<b>Inputs - Side 1/Side 2</b>	6/0	<b>Detailed Description</b>	General Purpose Digital Isolator 2500Vrms 6 Channel 150Mbps 50kV/μs CMTI 16-SSOP (0.154", 3.90mm Width)
<b>Data Rate</b>	150Mbps	<b>Common Mode Transient Immunity (Min)</b>	50kV/μs
<b>Channel Type</b>	Unidirectional		

#### Related Products

<p><b>SI8661AB-B-IS1</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DCTL ISO 2.5KV GEN PURP 16SOIC                  Download:  SI8661AB-B-IS1.pdf</p> <p><input type="button" value="RFQ"/></p>	<p><b>SI8660BD-B-IS</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DCTL ISO 5KV 6CH GEN PURP 16SOIC                  Download:  SI8660BD-B-IS.pdf</p> <p><input type="button" value="RFQ"/></p>
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<p><b>SI8660BD-B-ISR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DCTL ISO 5KV 6CH GEN PURP 16SOIC                  Download:  SI8660BD-B-ISR.pdf</p> <p><input type="button" value="RFQ"/></p>	<p><b>SI8660BC-B-IS1</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DCTL ISO 3.75KV GEN PURP 16SOIC                  Download:  SI8660BC-B-IS1.pdf</p> <p><input type="button" value="RFQ"/></p>
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