





Energy Micro (Silicon Labs)




SI8440BB-C-IS1

|                     |  |
|---------------------|--|
| Part Number:        | SI8440BB-C-IS1   |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)  |
| Product description | DGTL ISO 2.5KV GEN PURP 16SOIC   |
| Datasheets:         |  SI8440BB-C-IS1.pdf         |
| 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 SI8440BB-C-IS1

|                                      |   |
|--------------------------------------|---|
| PART NUMBER                          | SI8440BB-C-IS1  |
| MANUFACTURER                         | Energy Micro (Silicon Labs)   |
| DESCRIPTION                          | DGTL ISO 2.5KV GEN PURP 16SOIC  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant  |
| DATA SHEET                           |  SI8440BB-C-IS1.pdf        |
| VOLTAGE - SUPPLY                     | 2.7 V ~ 5.5 V   |
| VOLTAGE - ISOLATION                  | 2500Vrms  |
| TYPE                                 | General Purpose   |
| TECHNOLOGY                           | Capacitive Coupling   |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC   |
| SERIES                               | -   |
| RISE / FALL TIME (TYP)               | 3.8ns, 2.8ns  |
| PULSE WIDTH DISTORTION (MAX)         | 2.5ns   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 9.5ns, 9.5ns  |
| 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)  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant  |
| ISOLATED POWER                       | No  |
| INPUTS - SIDE 1/SIDE 2               | 4/0   |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 25kV/μs (Typ) CMTI 16-SOIC (0.154", 3.90mm Width) |
| DATA RATE                            | 150Mbps   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs (Typ)   |
| CHANNEL TYPE                         | Unidirectional  |

Related Tags

|  |                                      |  |
|--|--------------------------------------|--|
| Energy Micro (Silicon Labs) SI8440BB-C-IS1 | SI8440BB-C-IS1 Distributor           | SI8440BB-C-IS1 Supplier                        |
| SI8440BB-C-IS1 Price                       | SI8440BB-C-IS1 Pictures              | SI8440BB-C-IS1 Image                           |
| SI8440BB-C-IS1 PDF Datasheet               | SI8440BB-C-IS1 Download Datasheet    | SI8440BB-C-IS1 Datasheet                       |
| SI8440BB-C-IS1 Stock                       | Buy SI8440BB-C-IS1                   | Buy Energy Micro (Silicon Labs) SI8440BB-C-IS1 |
| Energy Micro (Silicon Labs) SI8440BB-C-IS1 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) SI8440BB-C-IS1 | Energy Micro SI8440BB-C-IS1          | Energy Micro (Silicon Labs) SI8440BB-C-IS1     |
| Silicon Laboratories SI8440BB-C-IS1        | Silicon Labs SI8440BB-C-IS1          |  |

Related Products

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|--|---|
| <div><div><b>SI8440BB-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  | <div><div><b>SI8440BA-D-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  |
| <div><div><b>SI8440BB-D-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  | <div><div><b>SI8440BA-C-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div> |
| <div><div><b>SI8440AB-D-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div> | <div><div><b>SI8440BA-C-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  |
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| <div><div><b>SI8440BB-D-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div> | <div><div><b>SI8441-A-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>       |
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