



**SI8441BB-D-ISR**

|                                 |   |
|---------------------------------|---|
| Manufacturer Part Number:       | SI8441BB-D-ISR                          |
| Manufacturer / Brand:           | Energy Micro (Silicon Labs)             |
| Part of Description:            | DGTL ISO 2.5KV GEN PURP 16SOIC          |
| Datasheets:                     | SI8441BB-D-ISR.pdf                      |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant              |
| Stock Condition:                | New original, 2100 pcs Stock Available. |
| Ship From:                      | Hong Kong                               |
| Shipment Way:                   | DHL/Fedex/TNT/UPS                       |

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SI8441BB-D-ISR 100% New Original 2100pcs in Stock, Find SI8441BB-D-ISR Price, Stock, datasheet at IC Components Ltd Online, buy SI8441BB-D-ISR Energy Micro (Silicon Labs) with warrantied. 100% guarantee confidence. RFQ SI8441BB-D-ISR: [Info@IC-Components.com](mailto:Info@IC-Components.com)


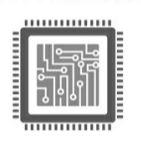





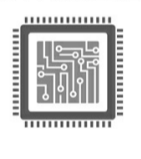
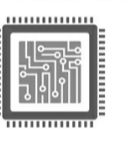





















The specifications of SI8441BB-D-ISR

|                                      |  |                                     |   |
|--------------------------------------|--|-------------------------------------|---|
| Part Number                          | SI8441BB-D-ISR                                   | Manufacturer / Brand                | Energy Micro (Silicon Labs)   |
| Series                               | -  | Moisture Sensitivity Level (MSL)    | 2A (4 Weeks)  |
| Package / Case                       | 16-SOIC (0.295", 7.50mm Width)                   | Packaging                           | Tape & Reel (TR)  |
| Mounting Type                        | Surface Mount                                    | Supplier Device Package             | 16-SOIC   |
| Operating Temperature                | -40°C ~ 125°C                                    | Detailed Description                | General Purpose Digital Isolator 2500Vrms 4 Channel 150Mbps 25kV/µs (Typ) CMTI 16-SOIC (0.295", 7.50mm Width) |
| Technology                           | Capacitive Coupling                              | Type                                | General Purpose   |
| Number of Channels                   | 4  | Voltage - Supply                    | 2.7 V ~ 5.5 V   |
| Voltage - Isolation                  | 2500Vrms   | Data Rate                           | 150Mbps   |
| Channel Type                         | Unidirectional                                   | Rise / Fall Time (Typ)              | 3.8ns, 2.8ns  |
| Isolated Power                       | No   | Inputs - Side 1/Side 2              | 3/1   |
| Common Mode Transient Immunity (Min) | 25kV/µs (Typ)                                    | Propagation Delay tpLH / tpHL (Max) | 9.5ns, 9.5ns  |
| Pulse Width Distortion (Max)         | 2.5ns  | Stock Quantity                      | 2100 pcs Stock  |
| Category                             | <a href="#">Isolators &gt; Digital Isolators</a> | Description                         | DGTL ISO 2.5KV GEN PURP 16SOIC  |
| Lead Free Status / RoHS Status       | Lead free / RoHS Compliant                       |                                     |   |

Keywords related to SI8441BB-D-ISR

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|--|--|--|--|
| <a href="#">Energy Micro (Silicon Labs) SI8441BB-D-ISR</a> | <a href="#">SI8441BB-D-ISR part</a>                      | <a href="#">SI8441BB-D-ISR Price</a>                       | <a href="#">SI8441BB-D-ISR Distributor</a>   |
| <a href="#">SI8441BB-D-ISR Technical</a>                   | <a href="#">SI8441BB-D-ISR Stock</a>                     | <a href="#">SI8441BB-D-ISR Inventory</a>                   | <a href="#">SI8441BB-D-ISR Supplier</a>      |
| <a href="#">SI8441BB-D-ISR Online Order</a>                | <a href="#">SI8441BB-D-ISR Inquiry</a>                   | <a href="#">SI8441BB-D-ISR Image</a>                       | <a href="#">SI8441BB-D-ISR Picture</a>       |
| <a href="#">SI8441BB-D-ISR pdf</a>                         | <a href="#">SI8441BB-D-ISR datasheet</a>                 | <a href="#">SI8441BB-D-ISR data sheet</a>                  | <a href="#">SI8441BB-D-ISR pdf datasheet</a> |
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| <a href="#">Energy Micro (Silicon Labs) SI8441BB-D-ISR</a> | <a href="#">Silicon Laboratories SI8441BB-D-ISR</a>      | <a href="#">Silicon Labs SI8441BB-D-ISR</a>                |  |

You May Be Also Be interested In:

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|  <p><b>SI8441BB-C-IS</b><br/>Description: IC ISOLATOR 4CH 5.5V 16-SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8441BB</b><br/>Description: SI8441BB ST SOP<br/>Manufacturers: ST<br/>In Stock: New original, 13500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                      |  <p><b>SI8445-B-IS</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 20000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>        |
| <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8450AB</b><br/>Description: SI8450AB SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>         |  <p><b>SI8441-C-IS</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 11800 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>      | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8442C-IS</b><br/>Description: SI8442C-IS SILCO SOP16<br/>Manufacturers: SILCO<br/>In Stock: New original, 12500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>            |
|  <p><b>SI8441-A-IS</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 10300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>   | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8440BB</b><br/>Description: SI8440BB ST SOP<br/>Manufacturers: ST<br/>In Stock: New original, 4600 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                       | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8445-B-ISR</b><br/>Description: SI8445-B-ISR SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 1600 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     |
| <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8442-A</b><br/>Description: SI8442-A SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>         | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8442AA</b><br/>Description: SI8442AA SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 4000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>           |  <p><b>SI8442AB-D-ISR</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>       |
| <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8441-A</b><br/>Description: SI8441-A SILICON SOP<br/>Manufacturers: SILICON<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>           | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8441AB</b><br/>Description: SI8441AB SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 11500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>          | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8441AA-D-IS</b><br/>Description: SI8441AA-D-IS SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 8800 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>   |
| <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8442BB</b><br/>Description: SI8442BB ST SOP<br/>Manufacturers: ST<br/>In Stock: New original, 5200 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                    | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8440BC-D-IS</b><br/>Description: SI8440BC-D-IS SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 2400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8445BB</b><br/>Description: SI8445BB SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>              |
|  <p><b>SI8441AB-D-ISR</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 1200 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |  <p><b>SI8441BB-D-IS</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 9600 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8441-BIS</b><br/>Description: SI8441-BIS SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 16700 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>        |
|  <p><b>SI8440BB-D-IS</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 2500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>  |  <p><b>SI8451BB-A-IS1</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8442AB</b><br/>Description: SI8442AB SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 5600 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>             |
|  <p><b>SI8442-B-IS</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8441AA</b><br/>Description: SI8441AA SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 3000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>           | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8441BC-D-IS</b><br/>Description: SI8441BC-D-IS SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 9900 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>   |
|  <p><b>SI8451AB-B-IS1</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 2400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |  <p><b>SI8441BB-D-IS1</b><br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     | <p>IMAGE NOT AVAILABLE</p>  <p><b>SI8442AB-C-ISR</b><br/>Description: SI8442AB-C-ISR SILICON SOP16<br/>Manufacturers: SILICON<br/>In Stock: New original, 2000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |



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