



Energy Micro (Silicon Labs)



### SI8423BB-D-IS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8423BB-D-IS                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 2.5KV GEN PURP 8SOIC                                                                                |
| Datasheets:         |  SI8423BB-D-IS.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 68281 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

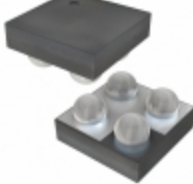
#### Specifications of SI8423BB-D-IS

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8423BB-D-IS                                                                                          |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                          | DGTL ISO 2.5KV GEN PURP 8SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 68281 pcs                                                                                              |
| DATA SHEET                           |  SI8423BB-D-IS.pdf  |
| VOLTAGE - SUPPLY                     | 2.7 V ~ 5.5 V                                                                                          |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                                                               |
| TYPE                                 | General Purpose                                                                                        |
| TECHNOLOGY                           | Capacitive Coupling                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC                                                                                                 |
| SERIES                               | -                                                                                                      |
| RISE / FALL TIME (TYP)               | 2ns, 2ns                                                                                               |
| PULSE WIDTH DISTORTION (MAX)         | 3ns                                                                                                    |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 11ns, 11ns                                                                                             |
| PACKAGING                            | Tube                                                                                                   |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                          |
| NUMBER OF CHANNELS                   | 2                                                                                                      |
| MOUNTING TYPE                        | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 2A (4 Weeks)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| ISOLATED POWER                       | No                                                                                                     |
| INPUTS - SIDE 1/SIDE 2               | 2/0                                                                                                    |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 2500Vrms 2 Channel 150Mbps 20kV/μs CMTI 8-SOIC (0.154", 3.90mm Width) |
| DATA RATE                            | 150Mbps                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 20kV/μs                                                                                                |
| CHANNEL TYPE                         | Unidirectional                                                                                         |

#### Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI8423BB-D-IS | SI8423BB-D-IS Distributor            | SI8423BB-D-IS Supplier                        |
| SI8423BB-D-IS Price                       | SI8423BB-D-IS Pictures               | SI8423BB-D-IS Image                           |
| SI8423BB-D-IS PDF Datasheet               | SI8423BB-D-IS Download Datasheet     | SI8423BB-D-IS Datasheet                       |
| SI8423BB-D-IS Stock                       | Buy SI8423BB-D-IS                    | Buy Energy Micro (Silicon Labs) SI8423BB-D-IS |
| Energy Micro (Silicon Labs) SI8423BB-D-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI8423BB-D-IS | Energy Micro SI8423BB-D-IS           | Energy Micro (Silicon Labs) SI8423BB-D-IS     |
| Silicon Laboratories SI8423BB-D-IS        | Silicon Labs SI8423BB-D-IS           |                                               |

#### Related Products

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|  <div><b>SI8423AD-D-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 61295 pcs<br/><div>RFQ</div></div>  |  <div><b>SI8423BD-D-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 42657 pcs<br/><div>RFQ</div></div>  |
|  <div><b>SI8423AD-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 71230 pcs<br/><div>RFQ</div></div> |  <div><b>SI8423BD-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 53152 pcs<br/><div>RFQ</div></div> |
|  <div><b>SI8423AD-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 3658 pcs<br/><div>RFQ</div></div>   |  <div><b>SI8423BD-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 4893 pcs<br/><div>RFQ</div></div>  |
|  <div><b>SI8423BB-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: 64137 pcs<br/><div>RFQ</div></div>    |  <div><b>SI8423BB-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: 5571 pcs<br/><div>RFQ</div></div>      |
|  <div><b>SI8423BD-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 3498 pcs<br/><div>RFQ</div></div>   |  <div><b>SI8423AD-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 5598 pcs<br/><div>RFQ</div></div>  |
|  <div><b>SI8424CDB-T1-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N-CH 8V MICROFOOT<br/>In stock: 120034 pcs<br/><div>RFQ</div></div>      |  <div><b>SI8423BB-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: 6555 pcs<br/><div>RFQ</div></div>     |