



SI8712BD-B-IMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8712BD-B-IMR                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 1CH GEN PURP 8LGA                                                                               |
| Datasheets:         |  SI8712BD-B-IMR.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3424 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8712BD-B-IMR

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8712BD-B-IMR                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                          | DGTL ISO 5KV 1CH GEN PURP 8LGA                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 3424 pcs                                                                                               |
| DATA SHEET                           |  SI8712BD-B-IMR.pdf |
| VOLTAGE - SUPPLY                     | 3 V ~ 30 V                                                                                             |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                               |
| TYPE                                 | General Purpose                                                                                        |
| TECHNOLOGY                           | Capacitive Coupling                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 8-LGA (10x12.5)                                                                                        |
| SERIES                               | -                                                                                                      |
| RISE / FALL TIME (TYP)               | 15ns, 5ns                                                                                              |
| PULSE WIDTH DISTORTION (MAX)         | 20ns                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 60ns, 60ns                                                                                             |
| PACKAGING                            | Tape & Reel (TR)                                                                                       |
| PACKAGE / CASE                       | 8-VELGA                                                                                                |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                          |
| NUMBER OF CHANNELS                   | 1                                                                                                      |
| MOUNTING TYPE                        | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| ISOLATED POWER                       | No                                                                                                     |
| INPUTS - SIDE 1/SIDE 2               | 1/0                                                                                                    |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 5000Vrms 1 Channel 15Mbps 35kV/μs CMTI 8-VELGA                        |
| DATA RATE                            | 15Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs                                                                                                |
| CHANNEL TYPE                         | Unidirectional                                                                                         |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) SI8712BD-B-IMR | SI8712BD-B-IMR Distributor           | SI8712BD-B-IMR Supplier                        |
| SI8712BD-B-IMR Price                       | SI8712BD-B-IMR Pictures              | SI8712BD-B-IMR Image                           |
| SI8712BD-B-IMR PDF Datasheet               | SI8712BD-B-IMR Download Datasheet    | SI8712BD-B-IMR Datasheet                       |
| SI8712BD-B-IMR Stock                       | Buy SI8712BD-B-IMR                   | Buy Energy Micro (Silicon Labs) SI8712BD-B-IMR |
| Energy Micro (Silicon Labs) SI8712BD-B-IMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) SI8712BD-B-IMR | Energy Micro SI8712BD-B-IMR          | Energy Micro (Silicon Labs) SI8712BD-B-IMR     |
| Silicon Laboratories SI8712BD-B-IMR        | Silicon Labs SI8712BD-B-IMR          |                                                |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SI8712BC-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 93382 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>SI8712BD-B-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 8LGA<br/>In stock: 4915 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>SI8712CC-B-IPR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8DIPGW<br/>In stock: 94045 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SI8712CC-B-IP</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8DIPGW<br/>In stock: 108620 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SI8712CD-B-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 8LGA<br/>In stock: 3958 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>SI8712BC-B-IP</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 8DIPGW<br/>In stock: 69385 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SI8712CD-B-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 8LGA<br/>In stock: 4092 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>SI8712AD-B-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 8LGA<br/>In stock: 6103 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>SI8712CC-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 125243 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>SI8712BC-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 95984 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI8712BC-B-IPR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8DIPGW<br/>In stock: 78531 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SI8712CC-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 155213 pcs<br/><div>RFQ</div></div> |