



SILICON LABS

Energy Micro (Silicon Labs)



SI8710BC-B-IS

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8710BC-B-IS                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                         |
| Product description | DGTL ISO 3.75KV GEN PURP 8SOIC                                                                                      |
| Datasheets:         |  <a href="#">SI8710BC-B-IS.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 86640 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of SI8710BC-B-IS

|                                      |                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8710BC-B-IS                                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                                           |
| DESCRIPTION                          | DGTL ISO 3.75KV GEN PURP 8SOIC                                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE                   | 86640 pcs                                                                                                             |
| DATA SHEET                           |  <a href="#">SI8710BC-B-IS.pdf</a> |
| VOLTAGE - SUPPLY                     | 3 V ~ 30 V                                                                                                            |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                              |
| TYPE                                 | General Purpose                                                                                                       |
| TECHNOLOGY                           | Capacitive Coupling                                                                                                   |
| SUPPLIER DEVICE PACKAGE              | 8-SOIC                                                                                                                |
| SERIES                               | -                                                                                                                     |
| RISE / FALL TIME (TYP)               | 15ns, 5ns                                                                                                             |
| PULSE WIDTH DISTORTION (MAX)         | 20ns                                                                                                                  |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 60ns, 60ns                                                                                                            |
| PACKAGING                            | Tube                                                                                                                  |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                         |
| OTHER NAMES                          | 336-2374<br>SI8710BCBIS                                                                                               |
| 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 3750Vrms 1 Channel 15Mbps 35kV/μs CMTI 8-SOIC (0.154", 3.90mm Width)                 |
| DATA RATE                            | 15Mbps                                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs                                                                                                               |
| CHANNEL TYPE                         | Unidirectional                                                                                                        |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI8710BC-B-IS | SI8710BC-B-IS Distributor            | SI8710BC-B-IS Supplier                        |
| SI8710BC-B-IS Price                       | SI8710BC-B-IS Pictures               | SI8710BC-B-IS Image                           |
| SI8710BC-B-IS PDF Datasheet               | SI8710BC-B-IS Download Datasheet     | SI8710BC-B-IS Datasheet                       |
| SI8710BC-B-IS Stock                       | Buy SI8710BC-B-IS                    | Buy Energy Micro (Silicon Labs) SI8710BC-B-IS |
| Energy Micro (Silicon Labs) SI8710BC-B-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI8710BC-B-IS | Energy Micro SI8710BC-B-IS           | Energy Micro (Silicon Labs) SI8710BC-B-IS     |
| Silicon Laboratories SI8710BC-B-IS        | Silicon Labs SI8710BC-B-IS           |                                               |

Related Products

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| <div><div>SILICON LABS</div></div> <div><b>SI8710BC-B-IPR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8DIPGW<br/>In stock: 89760 pcs<br/><div>RFQ</div></div>  | <div><div>SILICON LABS</div></div> <div><b>SI8710BC-B-IP</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8DIPGW<br/>In stock: 84784 pcs<br/><div>RFQ</div></div>   |
| <div><div>SILICON LABS</div></div> <div><b>SI8710CC-B-IPR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8DIPGW<br/>In stock: 94107 pcs<br/><div>RFQ</div></div>  | <div><div>SILICON LABS</div></div> <div><b>SI8710AC-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 104783 pcs<br/><div>RFQ</div></div>   |
| <div><div>SILICON LABS</div></div> <div><b>SI8710BD-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 6DIPGW<br/>In stock: 82181 pcs<br/><div>RFQ</div></div> | <div><div>SILICON LABS</div></div> <div><b>SI8710CC-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 120352 pcs<br/><div>RFQ</div></div>   |
| <div><div>SILICON LABS</div></div> <div><b>SI8710AD-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 6DIPGW<br/>In stock: 65477 pcs<br/><div>RFQ</div></div>  | <div><div>SILICON LABS</div></div> <div><b>SI8710AC-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 133614 pcs<br/><div>RFQ</div></div>  |
| <div><div>SILICON LABS</div></div> <div><b>SI8710CC-B-IP</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8DIPGW<br/>In stock: 92478 pcs<br/><div>RFQ</div></div>   | <div><div>SILICON LABS</div></div> <div><b>SI8710BD-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 6DIPGW<br/>In stock: 63022 pcs<br/><div>RFQ</div></div>  |
| <div><div>SILICON LABS</div></div> <div><b>SI8710BC-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 110190 pcs<br/><div>RFQ</div></div>  | <div><div>SILICON LABS</div></div> <div><b>SI8710AD-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GEN PURP 6DIPGW<br/>In stock: 72291 pcs<br/><div>RFQ</div></div> |