



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI88240BC-IS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI88240BC-IS                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 4CH GEN PURP 20SOIC                                                                             |
| Datasheets:         |  SI88240BC-IS.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16865 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI88240BC-IS

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI88240BC-IS                                                                                            |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                          | DGTL ISO 5KV 4CH GEN PURP 20SOIC                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 16865 pcs                                                                                               |
| DATA SHEET                           |  SI88240BC-IS.pdf    |
| VOLTAGE - SUPPLY                     | 3 V ~ 5.5 V                                                                                             |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                                |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Capacitive Coupling                                                                                     |
| SUPPLIER DEVICE PACKAGE              | 20-SOIC                                                                                                 |
| SERIES                               | -                                                                                                       |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                            |
| PULSE WIDTH DISTORTION (MAX)         | 7ns                                                                                                     |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 18ns, 23ns                                                                                              |
| PACKAGE / CASE                       | 20-SOIC (0.295", 7.50mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 4                                                                                                       |
| 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               | 4/0                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 5000Vrms 4 Channel 100Mbps 40kV/μs CMTI 20-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 100Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 40kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) SI88240BC-IS | SI88240BC-IS Distributor             | SI88240BC-IS Supplier                        |
| SI88240BC-IS Price                       | SI88240BC-IS Pictures                | SI88240BC-IS Image                           |
| SI88240BC-IS PDF Datasheet               | SI88240BC-IS Download Datasheet      | SI88240BC-IS Datasheet                       |
| SI88240BC-IS Stock                       | Buy SI88240BC-IS                     | Buy Energy Micro (Silicon Labs) SI88240BC-IS |
| Energy Micro (Silicon Labs) SI88240BC-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) SI88240BC-IS | Energy Micro SI88240BC-IS            | Energy Micro (Silicon Labs) SI88240BC-IS     |
| Silicon Laboratories SI88240BC-IS        | Silicon Labs SI88240BC-IS            |                                              |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SI88222EC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 26856 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>SI88241BC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC<br/>In stock: 20883 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI88222EC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 31138 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>SI88240ED-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC<br/>In stock: 21640 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI8823EDB-T2-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 20V 2.7A 4-MICROFOOT<br/>In stock: 694848 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SI88240BC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC<br/>In stock: 25868 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SI88240ED-ISR</b><br/>Manufacturers: Silicon Labs<br/>Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC<br/>In stock: 24842 pcs<br/><div>RFQ</div></div>                    | <div></div> <div><b>SI88221EC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 28667 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SI88222BC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 23239 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>SI88240EC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC<br/>In stock: 16981 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI88222BC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 28493 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>SI88240EC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 20SOIC<br/>In stock: 26182 pcs<br/><div>RFQ</div></div> |