



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI8440-C-IS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8440-C-IS                                                                                                  |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 2.5KV GEN PURP 16SOIC                                                                               |
| Datasheets:         |  SI8440-C-IS.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

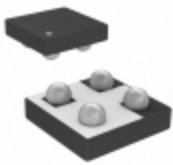
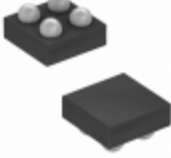
REQUEST FOR QUOTATION

| Specifications of SI8440-C-IS        |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8440-C-IS                                                                                             |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                          | DGTL ISO 2.5KV GEN PURP 16SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| DATA SHEET                           |  SI8440-C-IS.pdf     |
| VOLTAGE - SUPPLY                     | 2.375 V ~ 5.5 V                                                                                         |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                                                                |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Capacitive Coupling                                                                                     |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC                                                                                                 |
| SERIES                               | -                                                                                                       |
| RISE / FALL TIME (TYP)               | 2ns, 2ns                                                                                                |
| PULSE WIDTH DISTORTION (MAX)         | 3ns                                                                                                     |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 9.5ns, 9.5ns                                                                                            |
| PACKAGING                            | Tube                                                                                                    |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                          |
| OTHER NAMES                          | 336-1371<br>SI8440-C-IS-ND                                                                              |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 4                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                           |
| 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 2500Vrms 4 Channel 150Mbps 25kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 150Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Energy Micro (Silicon Labs) SI8440-C-IS | SI8440-C-IS Distributor              | SI8440-C-IS Supplier                        |
| SI8440-C-IS Price                       | SI8440-C-IS Pictures                 | SI8440-C-IS Image                           |
| SI8440-C-IS PDF Datasheet               | SI8440-C-IS Download Datasheet       | SI8440-C-IS Datasheet                       |
| SI8440-C-IS Stock                       | Buy SI8440-C-IS                      | Buy Energy Micro (Silicon Labs) SI8440-C-IS |
| Energy Micro (Silicon Labs) SI8440-C-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor     |
| Energy Micro (Silicon Labs) SI8440-C-IS | Energy Micro SI8440-C-IS             | Energy Micro (Silicon Labs) SI8440-C-IS     |
| Silicon Laboratories SI8440-C-IS        | Silicon Labs SI8440-C-IS             |                                             |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>SI8440AA-D-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div> | <div><div><b>SI8440AA-D-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div> |
| <div><div><b>SI8440AA-C-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div> | <div><div><b>SI8435DB-T1-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 20V 10A 2X2 4-MFP<br/>In stock: Out stock<br/><div>RFQ</div></div></div>   |
| <div><div><b>SI8435BB-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>    | <div><div><b>SI8440-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>      |
| <div><div><b>SI8439DB-T1-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 8V MICROFOOT<br/>In stock: 4 pcs<br/><div>RFQ</div></div></div>             | <div><div><b>SI8435BB-D-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div></div>  |
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