



Energy Micro (Silicon Labs)



SI8420-C-IS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8420-C-IS                                                                                                  |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 2.5KV GEN PURP 8SOIC                                                                                |
| Datasheets:         |  SI8420-C-IS.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

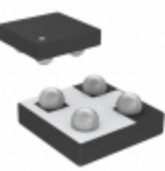
Specifications of SI8420-C-IS

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8420-C-IS                                                                                            |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                          | DGTL ISO 2.5KV GEN PURP 8SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                           |  SI8420-C-IS.pdf    |
| VOLTAGE - SUPPLY                     | 2.375 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)         | 3.5ns                                                                                                  |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 9.5ns, 9.5ns                                                                                           |
| PACKAGING                            | Tube                                                                                                   |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                          |
| OTHER NAMES                          | 336-1359<br>SI8420-C-IS-ND                                                                             |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                          |
| NUMBER OF CHANNELS                   | 2                                                                                                      |
| 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               | 2/0                                                                                                    |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 2500Vrms 2 Channel 150Mbps 25kV/μs CMTI 8-SOIC (0.154", 3.90mm Width) |
| DATA RATE                            | 150Mbps                                                                                                |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                                |
| CHANNEL TYPE                         | Unidirectional                                                                                         |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Energy Micro (Silicon Labs) SI8420-C-IS | SI8420-C-IS Distributor              | SI8420-C-IS Supplier                        |
| SI8420-C-IS Price                       | SI8420-C-IS Pictures                 | SI8420-C-IS Image                           |
| SI8420-C-IS PDF Datasheet               | SI8420-C-IS Download Datasheet       | SI8420-C-IS Datasheet                       |
| SI8420-C-IS Stock                       | Buy SI8420-C-IS                      | Buy Energy Micro (Silicon Labs) SI8420-C-IS |
| Energy Micro (Silicon Labs) SI8420-C-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor     |
| Energy Micro (Silicon Labs) SI8420-C-IS | Energy Micro SI8420-C-IS             | Energy Micro (Silicon Labs) SI8420-C-IS     |
| Silicon Laboratories SI8420-C-IS        | Silicon Labs SI8420-C-IS             |                                             |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>SI8416DB-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N-CH 8V 16A MICRO<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>SI8420-A-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>SI8417DB-T2-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 12V 14.5A 2X2 6MFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SI8420AD-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>SI8420AD-A-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SI8420AD-D-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 46 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>SI8416DB-T2-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET N-CH 8V 16A MICRO<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>SI8420AD-A-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI8415DB-T1-E1</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET P-CH 12V 5.3A 2X2 4-MFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SI8420-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>SI8420AB-D-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>SI8420AB-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>    |