



Energy Micro (Silicon Labs)

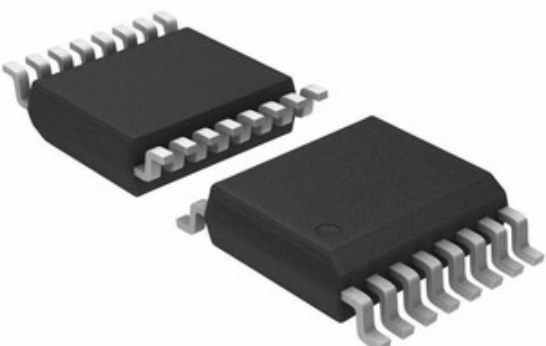


Image may be representation. See specifications for product details.

SI8641BA-B-IU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8641BA-B-IU                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 1KV 4CH GEN PURP 16QSOP                                                                             |
| Datasheets:         |  SI8641BA-B-IU.pdf          |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 40520 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8641BA-B-IU

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8641BA-B-IU                                                                                           |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                          | DGTL ISO 1KV 4CH GEN PURP 16QSOP                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 40520 pcs                                                                                               |
| DATA SHEET                           |  SI8641BA-B-IU.pdf   |
| VOLTAGE - SUPPLY                     | 2.5 V ~ 5.5 V                                                                                           |
| VOLTAGE - ISOLATION                  | 1000Vrms                                                                                                |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Capacitive Coupling                                                                                     |
| SUPPLIER DEVICE PACKAGE              | 16-QSOP                                                                                                 |
| SERIES                               | -                                                                                                       |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                            |
| PULSE WIDTH DISTORTION (MAX)         | 4.5ns                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 13ns, 13ns                                                                                              |
| PACKAGING                            | Tube                                                                                                    |
| PACKAGE / CASE                       | 16-SSOP (0.154", 3.90mm Width)                                                                          |
| OTHER NAMES                          | 336-2086-5                                                                                              |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 4                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 2A (4 Weeks)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| ISOLATED POWER                       | No                                                                                                      |
| INPUTS - SIDE 1/SIDE 2               | 3/1                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 1000Vrms 4 Channel 150Mbps 35kV/μs CMTI 16-SSOP (0.154", 3.90mm Width) |
| DATA RATE                            | 150Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI8641BA-B-IU | SI8641BA-B-IU Distributor            | SI8641BA-B-IU Supplier                        |
| SI8641BA-B-IU Price                       | SI8641BA-B-IU Pictures               | SI8641BA-B-IU Image                           |
| SI8641BA-B-IU PDF Datasheet               | SI8641BA-B-IU Download Datasheet     | SI8641BA-B-IU Datasheet                       |
| SI8641BA-B-IU Stock                       | Buy SI8641BA-B-IU                    | Buy Energy Micro (Silicon Labs) SI8641BA-B-IU |
| Energy Micro (Silicon Labs) SI8641BA-B-IU | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI8641BA-B-IU | Energy Micro SI8641BA-B-IU           | Energy Micro (Silicon Labs) SI8641BA-B-IU     |
| Silicon Laboratories SI8641BA-B-IU        | Silicon Labs SI8641BA-B-IU           |                                               |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI8641AB-B-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 60091 pcs<br/><b>RFQ</b></div>   |  <div><b>SI8641BA-C-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP<br/>In stock: 42965 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI8640ET-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC<br/>In stock: 22083 pcs<br/><b>RFQ</b></div>   |  <div><b>SI8641BB-B-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 41405 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI8641BA-B-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP<br/>In stock: 38147 pcs<br/><b>RFQ</b></div> |  <div><b>SI8641BA-C-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 4CH GEN PURP 16QSOP<br/>In stock: 34424 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI8641AB-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 52863 pcs<br/><b>RFQ</b></div>    |  <div><b>SI8641BB-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 31940 pcs<br/><b>RFQ</b></div>    |
|  <div><b>SI8641BB-B-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 42812 pcs<br/><b>RFQ</b></div>   |  <div><b>SI8640ET-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 16SOIC<br/>In stock: 25836 pcs<br/><b>RFQ</b></div>    |
|  <div><b>SI8641AB-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 45551 pcs<br/><b>RFQ</b></div>   |  <div><b>SI8641AB-B-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 60981 pcs<br/><b>RFQ</b></div>  |