



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI8620ET-ISR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8620ET-ISR                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 2CH GEN PURP 16SOIC                                                                             |
| Datasheets:         |  SI8620ET-ISR.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 49968 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8620ET-ISR

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8620ET-ISR                                                                                            |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                          | DGTL ISO 5KV 2CH GEN PURP 16SOIC                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 49968 pcs                                                                                               |
| DATA SHEET                           |  SI8620ET-ISR.pdf    |
| VOLTAGE - SUPPLY                     | 2.5 V ~ 5.5 V                                                                                           |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                                |
| TYPE                                 | General Purpose                                                                                         |
| TECHNOLOGY                           | Capacitive Coupling                                                                                     |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC                                                                                                 |
| SERIES                               | -                                                                                                       |
| RISE / FALL TIME (TYP)               | 2.5ns, 2.5ns                                                                                            |
| PULSE WIDTH DISTORTION (MAX)         | 4.5ns                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 13ns, 13ns                                                                                              |
| PACKAGING                            | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 2                                                                                                       |
| 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               | 2/0                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 5000Vrms 2 Channel 150Mbps 60kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 150Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 60kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) SI8620ET-ISR | SI8620ET-ISR Distributor             | SI8620ET-ISR Supplier                        |
| SI8620ET-ISR Price                       | SI8620ET-ISR Pictures                | SI8620ET-ISR Image                           |
| SI8620ET-ISR PDF Datasheet               | SI8620ET-ISR Download Datasheet      | SI8620ET-ISR Datasheet                       |
| SI8620ET-ISR Stock                       | Buy SI8620ET-ISR                     | Buy Energy Micro (Silicon Labs) SI8620ET-ISR |
| Energy Micro (Silicon Labs) SI8620ET-ISR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) SI8620ET-ISR | Energy Micro SI8620ET-ISR            | Energy Micro (Silicon Labs) SI8620ET-ISR     |
| Silicon Laboratories SI8620ET-ISR        | Silicon Labs SI8620ET-ISR            |                                              |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>SI8621AB-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: 111326 pcs<br/>RFQ</div></div>  | <div><div><b>SI8621BC-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 59196 pcs<br/>RFQ</div></div>   |
| <div><div><b>SI8620ET-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 37575 pcs<br/>RFQ</div></div>   | <div><div><b>SI8620ED-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 58278 pcs<br/>RFQ</div></div> |
| <div><div><b>SI8620EC-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 51843 pcs<br/>RFQ</div></div>   | <div><div><b>SI8620EC-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 55907 pcs<br/>RFQ</div></div>   |
| <div><div><b>SI8621AB-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: 85462 pcs<br/>RFQ</div></div>    | <div><div><b>SI8620EB-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 103118 pcs<br/>RFQ</div></div>  |
| <div><div><b>SI8620ED-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC<br/>In stock: 51713 pcs<br/>RFQ</div></div> | <div><div><b>SI8621BB-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: 76863 pcs<br/>RFQ</div></div>    |
| <div><div><b>SI8621BB-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 8SOIC<br/>In stock: 64253 pcs<br/>RFQ</div></div>    | <div><div><b>SI8621BC-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 8SOIC<br/>In stock: 51429 pcs<br/>RFQ</div></div>    |