



SI8663EC-B-IS1R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8663EC-B-IS1R                                                                                              |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 3.75KV GEN PURP 16SOIC                                                                              |
| Datasheets:         |  SI8663EC-B-IS1R.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 24131 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8663EC-B-IS1R

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8663EC-B-IS1R                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                          | DGTL ISO 3.75KV GEN PURP 16SOIC                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 24131 pcs                                                                                               |
| DATA SHEET                           |  SI8663EC-B-IS1R.pdf |
| VOLTAGE - SUPPLY                     | 2.5 V ~ 5.5 V                                                                                           |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                |
| 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 (0.154", 3.90mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 6                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 2 (1 Year)                                                                                              |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| ISOLATED POWER                       | No                                                                                                      |
| INPUTS - SIDE 1/SIDE 2               | 3/3                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 3750Vrms 6 Channel 150Mbps 35kV/μs CMTI 16-SOIC (0.154", 3.90mm Width) |
| DATA RATE                            | 150Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |

Related Tags

|                                             |                                      |                                                 |
|---------------------------------------------|--------------------------------------|-------------------------------------------------|
| Energy Micro (Silicon Labs) SI8663EC-B-IS1R | SI8663EC-B-IS1R Distributor          | SI8663EC-B-IS1R Supplier                        |
| SI8663EC-B-IS1R Price                       | SI8663EC-B-IS1R Pictures             | SI8663EC-B-IS1R Image                           |
| SI8663EC-B-IS1R PDF Datasheet               | SI8663EC-B-IS1R Download Datasheet   | SI8663EC-B-IS1R Datasheet                       |
| SI8663EC-B-IS1R Stock                       | Buy SI8663EC-B-IS1R                  | Buy Energy Micro (Silicon Labs) SI8663EC-B-IS1R |
| Energy Micro (Silicon Labs) SI8663EC-B-IS1R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor         |
| Energy Micro (Silicon Labs) SI8663EC-B-IS1R | Energy Micro SI8663EC-B-IS1R         | Energy Micro (Silicon Labs) SI8663EC-B-IS1R     |
| Silicon Laboratories SI8663EC-B-IS1R        | Silicon Labs SI8663EC-B-IS1R         |                                                 |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI86XXCOM-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DIGITAL ISOLATED COMM KIT<br/>In stock: 1099 pcs<br/><b>RFQ</b></div>          |  <div><b>SI8663EB-B-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 6-CH 2.5KV ISOLATOR, 150M, 3/3,<br/>In stock: 25511 pcs<br/><b>RFQ</b></div>   |
|  <div><b>SI8663BD-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC<br/>In stock: 23971 pcs<br/><b>RFQ</b></div> |  <div><b>SI86XXISO-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT EVAL SI86XX 3.75KV 5KV<br/>In stock: 2881 pcs<br/><b>RFQ</b></div>         |
|  <div><b>SI8663BD-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC<br/>In stock: 17389 pcs<br/><b>RFQ</b></div>  |  <div><b>SI86ISOLIN-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV SI8630BD+SI8630ED<br/>In stock: 606 pcs<br/><b>RFQ</b></div>          |
|  <div><b>SI8663ED-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC<br/>In stock: 19454 pcs<br/><b>RFQ</b></div> |  <div><b>SI86XXTISO-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EVALUATION KIT SI86XXT<br/>In stock: 2377 pcs<br/><b>RFQ</b></div>            |
|  <div><b>SI8663EB-B-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 6-CH 2.5KV ISOLATOR, 150M, 3/3,<br/>In stock: 36184 pcs<br/><b>RFQ</b></div>  |  <div><b>SI8663BC-B-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 26584 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI8663ED-B-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC<br/>In stock: 21444 pcs<br/><b>RFQ</b></div>  |  <div><b>SI8663EC-B-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 23203 pcs<br/><b>RFQ</b></div>  |