



Energy Micro (Silicon Labs)



SI8661BD-B-IS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8661BD-B-IS                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 6CH GEN PURP 16SOIC                                                                             |
| Datasheets:         |  SI8661BD-B-IS.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17142 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8661BD-B-IS

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8661BD-B-IS                                                                                           |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                             |
| DESCRIPTION                          | DGTL ISO 5KV 6CH GEN PURP 16SOIC                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE                   | 17142 pcs                                                                                               |
| DATA SHEET                           |  SI8661BD-B-IS.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                            | Tube                                                                                                    |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                          |
| OTHER NAMES                          | 336-2121-5<br>SI8661BDBIS                                                                               |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                           |
| NUMBER OF CHANNELS                   | 6                                                                                                       |
| 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               | 5/1                                                                                                     |
| DETAILED DESCRIPTION                 | General Purpose Digital Isolator 5000Vrms 6 Channel 150Mbps 35kV/μs CMTI 16-SOIC (0.295", 7.50mm Width) |
| DATA RATE                            | 150Mbps                                                                                                 |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/μs                                                                                                 |
| CHANNEL TYPE                         | Unidirectional                                                                                          |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI8661BD-B-IS | SI8661BD-B-IS Distributor            | SI8661BD-B-IS Supplier                        |
| SI8661BD-B-IS Price                       | SI8661BD-B-IS Pictures               | SI8661BD-B-IS Image                           |
| SI8661BD-B-IS PDF Datasheet               | SI8661BD-B-IS Download Datasheet     | SI8661BD-B-IS Datasheet                       |
| SI8661BD-B-IS Stock                       | Buy SI8661BD-B-IS                    | Buy Energy Micro (Silicon Labs) SI8661BD-B-IS |
| Energy Micro (Silicon Labs) SI8661BD-B-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI8661BD-B-IS | Energy Micro SI8661BD-B-IS           | Energy Micro (Silicon Labs) SI8661BD-B-IS     |
| Silicon Laboratories SI8661BD-B-IS        | Silicon Labs SI8661BD-B-IS           |                                               |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI8661BB-B-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 26816 pcs<br/><b>RFQ</b></div>    |  <div><b>SI8661EC-B-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 20345 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI8661BB-B-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 6-CH 2.5KV ISOLATOR, 150M, 5/1,<br/>In stock: 32199 pcs<br/><b>RFQ</b></div>   |  <div><b>SI8661EB-B-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 6-CH 2.5KV ISOLATOR, 150M, 5/1,<br/>In stock: 27945 pcs<br/><b>RFQ</b></div>   |
|  <div><b>SI8661BD-B-IS2R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 6-CH 5KV ISOLATOR, 150M, 5/1, WB<br/>In stock: 19579 pcs<br/><b>RFQ</b></div> |  <div><b>SI8661BC-B-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 25536 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI8661BD-B-IS2</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 6-CH 5KV ISOLATOR<br/>In stock: 17792 pcs<br/><b>RFQ</b></div>                 |  <div><b>SI8661EB-B-IUR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 6-CH 2.5KV ISOLATOR, 150M, 5/1,<br/>In stock: 29419 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI8661BB-B-IU</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 6-CH 2.5KV ISOLATOR, 150M, 5/1,<br/>In stock: 29971 pcs<br/><b>RFQ</b></div>    |  <div><b>SI8661BB-B-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GEN PURP 16SOIC<br/>In stock: 30802 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI8661BC-B-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV GEN PURP 16SOIC<br/>In stock: 27256 pcs<br/><b>RFQ</b></div>  |  <div><b>SI8661BD-B-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 6CH GEN PURP 16SOIC<br/>In stock: 19035 pcs<br/><b>RFQ</b></div> |