



SILICON LABS

Energy Micro (Silicon Labs)



SI8273GB-IS1R

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8273GB-IS1R                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                         |
| Product description | DGTL ISO 2.5KV GATE DRVR 16SOIC                                                                                     |
| Datasheets:         |  <a href="#">SI8273GB-IS1R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 48076 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

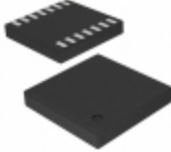
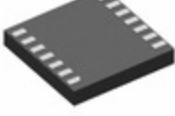
Specifications of SI8273GB-IS1R

|                                      |                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8273GB-IS1R                                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                                           |
| DESCRIPTION                          | DGTL ISO 2.5KV GATE DRVR 16SOIC                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE                   | 48076 pcs                                                                                                             |
| DATA SHEET                           |  <a href="#">SI8273GB-IS1R.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.2 V ~ 30 V                                                                                                          |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                                                                              |
| VOLTAGE - FORWARD (VF) (TYP)         | -                                                                                                                     |
| TECHNOLOGY                           | Capacitive Coupling                                                                                                   |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC                                                                                                               |
| SERIES                               | Automotive, AEC-Q100                                                                                                  |
| RISE / FALL TIME (TYP)               | 10.5ns, 13.3ns                                                                                                        |
| PULSE WIDTH DISTORTION (MAX)         | 8ns                                                                                                                   |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 60ns, 60ns                                                                                                            |
| PACKAGING                            | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                       | 16-SOIC (0.154", 3.90mm Width)                                                                                        |
| OTHER NAMES                          | 336-5548-2<br>SI8273GB-IS1R-ND                                                                                        |
| 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                                                                                            |
| DETAILED DESCRIPTION                 | 4A Gate Driver Capacitive Coupling 2500Vrms 2 Channel 16-SOIC                                                         |
| CURRENT - PEAK OUTPUT                | 4A                                                                                                                    |
| CURRENT - OUTPUT HIGH, LOW           | 1.8A, 4A                                                                                                              |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 150kV/μs                                                                                                              |
| APPROVALS                            | CQC, CSA, UR, VDE                                                                                                     |

Related Tags

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI8273GB-IS1R | SI8273GB-IS1R Distributor            | SI8273GB-IS1R Supplier                        |
| SI8273GB-IS1R Price                       | SI8273GB-IS1R Pictures               | SI8273GB-IS1R Image                           |
| SI8273GB-IS1R PDF Datasheet               | SI8273GB-IS1R Download Datasheet     | SI8273GB-IS1R Datasheet                       |
| SI8273GB-IS1R Stock                       | Buy SI8273GB-IS1R                    | Buy Energy Micro (Silicon Labs) SI8273GB-IS1R |
| Energy Micro (Silicon Labs) SI8273GB-IS1R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI8273GB-IS1R | Energy Micro SI8273GB-IS1R           | Energy Micro (Silicon Labs) SI8273GB-IS1R     |
| Silicon Laboratories SI8273GB-IS1R        | Silicon Labs SI8273GB-IS1R           |                                               |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI8273GBD-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 38958 pcs<br/><div>RFQ</div></div>  |  <div><b>SI8273DB-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 44251 pcs<br/><div>RFQ</div></div>   |
|  <div><b>SI8274AB1-IM1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 4505 pcs<br/><div>RFQ</div></div>  |  <div><b>SI8273GB-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 38352 pcs<br/><div>RFQ</div></div>   |
|  <div><b>SI8274AB1-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 3808 pcs<br/><div>RFQ</div></div>   |  <div><b>SI8273GBD-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 42185 pcs<br/><div>RFQ</div></div> |
|  <div><b>SI8273DB-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 43019 pcs<br/><div>RFQ</div></div>  |  <div><b>SI8273ISO-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: SI8273/71 EVAL KIT<br/>In stock: 3376 pcs<br/><div>RFQ</div></div>                |
|  <div><b>SI8273DBD-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 34445 pcs<br/><div>RFQ</div></div>  |  <div><b>SI8273DBD-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 49631 pcs<br/><div>RFQ</div></div> |
|  <div><b>SI8273BBD-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 43357 pcs<br/><div>RFQ</div></div> |  <div><b>SI8274AB1-IM1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 14LGA<br/>In stock: 4683 pcs<br/><div>RFQ</div></div>   |