



Energy Micro (Silicon Labs)

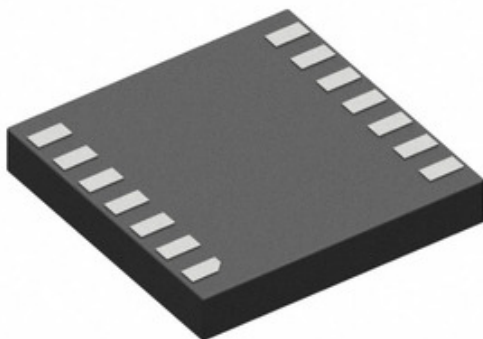


Image may be representation. See specifications for product details.

SI8273AB-IM1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8273AB-IM1                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 2.5KV GATE DRIVER 14LGA                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3996 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

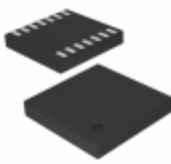
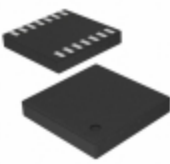
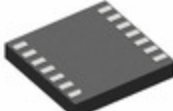
Specifications of SI8273AB-IM1

|                                      |                                                                    |
|--------------------------------------|--------------------------------------------------------------------|
| PART NUMBER                          | SI8273AB-IM1                                                       |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                        |
| DESCRIPTION                          | DGTL ISO 2.5KV GATE DRIVER 14LGA                                   |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                         |
| QUANTITY AVAILABLE                   | 3996 pcs                                                           |
| DATA SHEET                           |                                                                    |
| VOLTAGE - SUPPLY                     | 4.2 V ~ 30 V                                                       |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                           |
| VOLTAGE - FORWARD (VF) (TYP)         | -                                                                  |
| TECHNOLOGY                           | Capacitive Coupling                                                |
| SUPPLIER DEVICE PACKAGE              | 14-QFN (5x5)                                                       |
| SERIES                               | Automotive, AEC-Q100                                               |
| RISE / FALL TIME (TYP)               | 10.5ns, 13.3ns                                                     |
| PULSE WIDTH DISTORTION (MAX)         | 8ns                                                                |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 75ns, 75ns                                                         |
| PACKAGE / CASE                       | 14-VDFN                                                            |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                      |
| NUMBER OF CHANNELS                   | 2                                                                  |
| MOUNTING TYPE                        | Surface Mount                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                      |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                         |
| DETAILED DESCRIPTION                 | 4A Gate Driver Capacitive Coupling 2500Vrms 2 Channel 14-QFN (5x5) |
| CURRENT - PEAK OUTPUT                | 4A                                                                 |
| CURRENT - OUTPUT HIGH, LOW           | 1.8A, 4A                                                           |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 200kV/μs                                                           |
| APPROVALS                            | CQC, CSA, UR, VDE                                                  |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) SI8273AB-IM1 | SI8273AB-IM1 Distributor             | SI8273AB-IM1 Supplier                        |
| SI8273AB-IM1 Price                       | SI8273AB-IM1 Pictures                | SI8273AB-IM1 Image                           |
| SI8273AB-IM1 PDF Datasheet               | SI8273AB-IM1 Download Datasheet      | SI8273AB-IM1 Datasheet                       |
| SI8273AB-IM1 Stock                       | Buy SI8273AB-IM1                     | Buy Energy Micro (Silicon Labs) SI8273AB-IM1 |
| Energy Micro (Silicon Labs) SI8273AB-IM1 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) SI8273AB-IM1 | Energy Micro SI8273AB-IM1            | Energy Micro (Silicon Labs) SI8273AB-IM1     |
| Silicon Laboratories SI8273AB-IM1        | Silicon Labs SI8273AB-IM1            |                                              |

Related Products

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| <div><div><b>SI8271DB-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 8SOIC<br/>In stock: 47977 pcs</div><div>RFQ</div></div>  | <div><div><b>SI8273AB-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 39953 pcs</div><div>RFQ</div></div>  |
| <div><div><b>SI8273AB-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 14LGA<br/>In stock: 34872 pcs</div><div>RFQ</div></div>  | <div><div><b>SI8273AB-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 6145 pcs</div><div>RFQ</div></div>   |
| <div><div><b>SI8271DB-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 59295 pcs</div><div>RFQ</div></div> | <div><div><b>SI8271GB-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 8SOIC<br/>In stock: 61575 pcs</div><div>RFQ</div></div>   |
| <div><div><b>SI8271GB-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 48462 pcs</div><div>RFQ</div></div> | <div><div><b>SI8273ABD-IM1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 3954 pcs</div><div>RFQ</div></div> |
| <div><div><b>SI8273AB-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 8SOIC<br/>In stock: 47632 pcs</div><div>RFQ</div></div> | <div><div><b>SI8273ABD-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 35126 pcs</div><div>RFQ</div></div> |
| <div><div><b>SI8273AB-IM1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 14LGA<br/>In stock: 3449 pcs</div><div>RFQ</div></div>  | <div><div><b>SI8271BB-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 8SOIC<br/>In stock: 63371 pcs</div><div>RFQ</div></div>   |