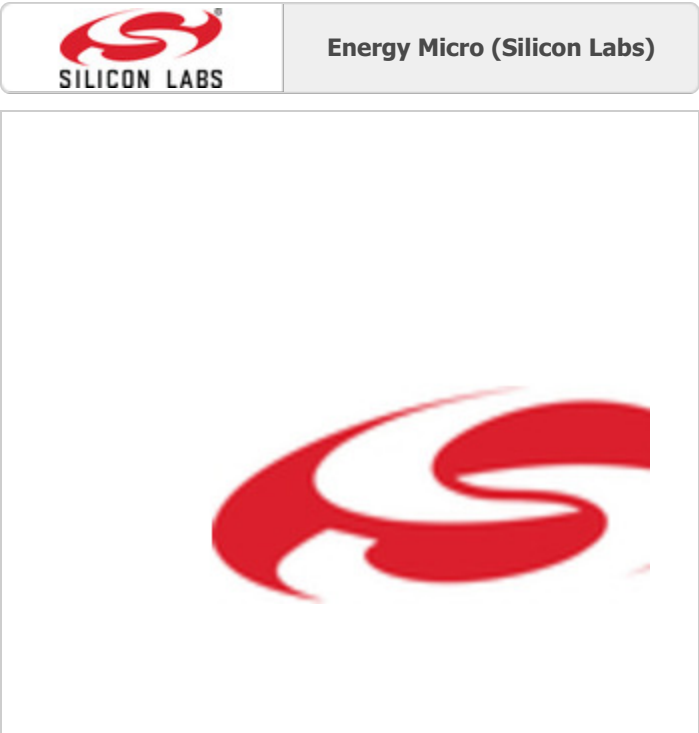




SI8271AB-IS

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | SI8271AB-IS                      |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)      |
| Product description | DGTL ISO 2.5KV GATE DRIVER 8SOIC |
| Datasheets:         | SI8271AB-IS.pdf                  |
| RoHs Status         | Lead free / RoHS Compliant       |
| Stock Condition     | 50523 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Specifications of SI8271AB-IS

|                                      |                                                              |
|--------------------------------------|--------------------------------------------------------------|
| PART NUMBER                          | SI8271AB-IS                                                  |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                  |
| DESCRIPTION                          | DGTL ISO 2.5KV GATE DRIVER 8SOIC                             |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                   |
| QUANTITY AVAILABLE                   | 50523 pcs                                                    |
| DATA SHEET                           | SI8271AB-IS.pdf                                              |
| VOLTAGE - SUPPLY                     | 4.6 V ~ 30 V                                                 |
| VOLTAGE - ISOLATION                  | 2500Vrms                                                     |
| VOLTAGE - FORWARD (VF) (TYP)         | -                                                            |
| TECHNOLOGY                           | Capacitive Coupling                                          |
| SUPPLIER DEVICE PACKAGE              | 8-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                            | Tube                                                         |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                |
| OTHER NAMES                          | 336-3530-5                                                   |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                |
| NUMBER OF CHANNELS                   | 1                                                            |
| 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 1 Channel 8-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) SI8271AB-IS | SI8271AB-IS Distributor              | SI8271AB-IS Supplier                        |
| SI8271AB-IS Price                       | SI8271AB-IS Pictures                 | SI8271AB-IS Image                           |
| SI8271AB-IS PDF Datasheet               | SI8271AB-IS Download Datasheet       | SI8271AB-IS Datasheet                       |
| SI8271AB-IS Stock                       | Buy SI8271AB-IS                      | Buy Energy Micro (Silicon Labs) SI8271AB-IS |
| Energy Micro (Silicon Labs) SI8271AB-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor     |
| Energy Micro (Silicon Labs) SI8271AB-IS | Energy Micro SI8271AB-IS             | Energy Micro (Silicon Labs) SI8271AB-IS     |
| Silicon Laboratories SI8271AB-IS        | Silicon Labs SI8271AB-IS             |                                             |

Related Products

|                                                                                                                                                                |                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>SI826XDIP8-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT EVAL SI826X IN GW DIP-8<br/>In stock: 2911 pcs</p> <p>RFQ</p>     | <p><b>SI8261BCD-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: 53588 pcs</p> <p>RFQ</p> |
| <p><b>SI8271DB-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 8SOIC<br/>In stock: 47977 pcs</p> <p>RFQ</p>   | <p><b>SI8271BB-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 8SOIC<br/>In stock: 63371 pcs</p> <p>RFQ</p>      |
| <p><b>SI826XSOIC8-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT EVAL SI826X IN 8-SOIC<br/>In stock: 2239 pcs</p> <p>RFQ</p>      | <p><b>SI8261BCD-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP<br/>In stock: 50403 pcs</p> <p>RFQ</p>  |
| <p><b>SI8271AB-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 8SOIC<br/>In stock: 60284 pcs</p> <p>RFQ</p>   | <p><b>SI8271DB-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 59295 pcs</p> <p>RFQ</p>     |
| <p><b>SI8271GB-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 48462 pcs</p> <p>RFQ</p>  | <p><b>SI8271BB-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC<br/>In stock: 63535 pcs</p> <p>RFQ</p>     |
| <p><b>SI826XSAMP-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT SI826X OPTO DVR REPL SAMPLE<br/>In stock: 2828 pcs</p> <p>RFQ</p> | <p><b>SI826XSDIP6-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT EVAL SI826X IN SO-6<br/>In stock: 2775 pcs</p> <p>RFQ</p>           |