






SI8233AB-D-IMR

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|---------------------|--|
| Part Number:        | SI8233AB-D-IMR   |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)  |
| Product description | DGTL ISO 2.5KV GATE DRIVER 14LGA   |
| Datasheets:         |  SI8233AB-D-IMR.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS  |

REQUEST FOR QUOTATION




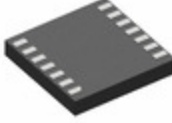


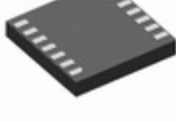





Specifications of SI8233AB-D-IMR

|                                      |  |
|--------------------------------------|--|
| PART NUMBER                          | SI8233AB-D-IMR   |
| MANUFACTURER                         | Energy Micro (Silicon Labs)  |
| DESCRIPTION                          | DGTL ISO 2.5KV GATE DRIVER 14LGA   |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant   |
| DATA SHEET                           |  SI8233AB-D-IMR.pdf |
| VOLTAGE - SUPPLY                     | 6.5 V ~ 24 V   |
| VOLTAGE - ISOLATION                  | 2500Vrms   |
| VOLTAGE - FORWARD (VF) (TYP)         | -  |
| TECHNOLOGY                           | Capacitive Coupling  |
| SUPPLIER DEVICE PACKAGE              | 14-LGA (5x5)   |
| SERIES                               | Automotive, AEC-Q100   |
| RISE / FALL TIME (TYP)               | 12ns, 12ns (Max)   |
| PULSE WIDTH DISTORTION (MAX)         | 5.6ns  |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 60ns, 60ns   |
| PACKAGING                            | Tape & Reel (TR)   |
| PACKAGE / CASE                       | 14-VFLGA   |
| OTHER NAMES                          | 336-5202-2<br>SI8233AB-D-IMR-ND  |
| OPERATING TEMPERATURE                | -40°C ~ 125°C  |
| NUMBER OF CHANNELS                   | 2  |
| MOUNTING TYPE                        | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)  |
| MANUFACTURER STANDARD LEAD TIME      | 6 Weeks  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant   |
| DETAILED DESCRIPTION                 | 4A Gate Driver Capacitive Coupling 2500Vrms 2 Channel 14-LGA (5x5)                                     |
| CURRENT - PEAK OUTPUT                | 4A   |
| CURRENT - OUTPUT HIGH, LOW           | 2A, 4A   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 20kV/μs  |
| APPROVALS                            | CQC, CSA, UR, VDE  |

Related Tags

|  |                                      |  |
|--|--------------------------------------|--|
| Energy Micro (Silicon Labs) SI8233AB-D-IMR | SI8233AB-D-IMR Distributor           | SI8233AB-D-IMR Supplier                        |
| SI8233AB-D-IMR Price                       | SI8233AB-D-IMR Pictures              | SI8233AB-D-IMR Image                           |
| SI8233AB-D-IMR PDF Datasheet               | SI8233AB-D-IMR Download Datasheet    | SI8233AB-D-IMR Datasheet                       |
| SI8233AB-D-IMR Stock                       | Buy SI8233AB-D-IMR                   | Buy Energy Micro (Silicon Labs) SI8233AB-D-IMR |
| Energy Micro (Silicon Labs) SI8233AB-D-IMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) SI8233AB-D-IMR | Energy Micro SI8233AB-D-IMR          | Energy Micro (Silicon Labs) SI8233AB-D-IMR     |
| Silicon Laboratories SI8233AB-D-IMR        | Silicon Labs SI8233AB-D-IMR          |  |

Related Products

|   |   |
|---|---|
|  <div><b>SI8233AB-C-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SI8233AB-D-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 704 pcs<br/><div>RFQ</div></div>     |
|  <div><b>SI8233AD-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SI8233AB-D-IM1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 2.5KV 5V UVLO HS/LS ISOLATED GAT<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SI8233AD-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SI8233AB-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>SI8233AB-D-IM1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 2.5KV 5V UVLO HS/LS ISOLATED GAT<br/>In stock: 86 pcs<br/><div>RFQ</div></div>    |  <div><b>SI8233AB-D-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 16 pcs<br/><div>RFQ</div></div>       |
|  <div><b>SI8233AB-C-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SI8233AB-D-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 315 pcs<br/><div>RFQ</div></div>     |
|  <div><b>SI8233AB-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SI8233AB-D-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |