



SI8233CB-C-IM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8233CB-C-IM                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 2.5KV GATE DRIVER 14LGA                                                                             |
| Datasheets:         | <a href="#">PDF SI8233CB-C-IM.pdf</a>                                                                        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

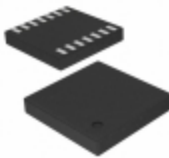
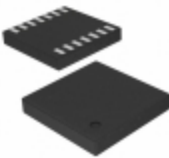
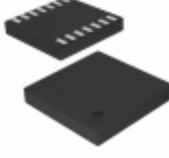
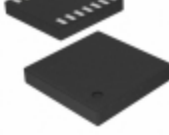
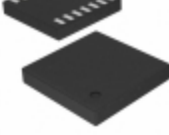
Specifications of SI8233CB-C-IM

|                                      |                                                                    |
|--------------------------------------|--------------------------------------------------------------------|
| PART NUMBER                          | SI8233CB-C-IM                                                      |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                        |
| DESCRIPTION                          | DGTL ISO 2.5KV GATE DRIVER 14LGA                                   |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                         |
| DATA SHEET                           | <a href="#">PDF SI8233CB-C-IM.pdf</a>                              |
| VOLTAGE - SUPPLY                     | 12.2 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                            | Tube                                                               |
| PACKAGE / CASE                       | 14-VFLGA                                                           |
| 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-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) SI8233CB-C-IM | SI8233CB-C-IM Distributor            | SI8233CB-C-IM Supplier                        |
| SI8233CB-C-IM Price                       | SI8233CB-C-IM Pictures               | SI8233CB-C-IM Image                           |
| SI8233CB-C-IM PDF Datasheet               | SI8233CB-C-IM Download Datasheet     | SI8233CB-C-IM Datasheet                       |
| SI8233CB-C-IM Stock                       | Buy SI8233CB-C-IM                    | Buy Energy Micro (Silicon Labs) SI8233CB-C-IM |
| Energy Micro (Silicon Labs) SI8233CB-C-IM | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI8233CB-C-IM | Energy Micro SI8233CB-C-IM           | Energy Micro (Silicon Labs) SI8233CB-C-IM     |
| Silicon Laboratories SI8233CB-C-IM        | Silicon Labs SI8233CB-C-IM           |                                               |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                       |
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|  <div><b>SI8233CB-D-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>SI8234AB-C-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>SI8233BD-D-IS3</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: ISOLATED GATE DRIVER, 8 MM CREEP<br/>In stock: 37 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>SI8234AB-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>SI8233BD-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>SI8233BD-D-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>SI8233BD-D-IS3R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: ISOLATED GATE DRIVER, 8 MM CREEP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>SI8233BD-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>SI8233CB-C-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>SI8233BD-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
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