



SI8233CB-C-IMR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8233CB-C-IMR                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 2.5KV GATE DRIVER 14LGA                                                                             |
| Datasheets:         |  SI8233CB-C-IMR.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5384 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

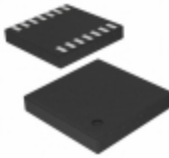
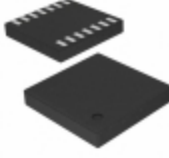
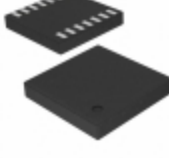
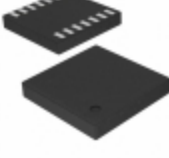
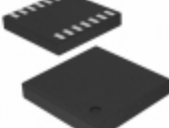
Specifications of SI8233CB-C-IMR

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8233CB-C-IMR                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                          | DGTL ISO 2.5KV GATE DRIVER 14LGA                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 5384 pcs                                                                                               |
| DATA SHEET                           |  SI8233CB-C-IMR.pdf |
| 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                            | Tape & Reel (TR)                                                                                       |
| 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-IMR | SI8233CB-C-IMR Distributor           | SI8233CB-C-IMR Supplier                        |
| SI8233CB-C-IMR Price                       | SI8233CB-C-IMR Pictures              | SI8233CB-C-IMR Image                           |
| SI8233CB-C-IMR PDF Datasheet               | SI8233CB-C-IMR Download Datasheet    | SI8233CB-C-IMR Datasheet                       |
| SI8233CB-C-IMR Stock                       | Buy SI8233CB-C-IMR                   | Buy Energy Micro (Silicon Labs) SI8233CB-C-IMR |
| Energy Micro (Silicon Labs) SI8233CB-C-IMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) SI8233CB-C-IMR | Energy Micro SI8233CB-C-IMR          | Energy Micro (Silicon Labs) SI8233CB-C-IMR     |
| Silicon Laboratories SI8233CB-C-IMR        | Silicon Labs SI8233CB-C-IMR          |                                                |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI8233CB-D-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 45457 pcs<br/><b>RFQ</b></div> |  <div><b>SI8233BD-D-IS3R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: ISOLATED GATE DRIVER, 8 MM CREEP<br/>In stock: 36286 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI8233BD-D-IS3</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: ISOLATED GATE DRIVER, 8 MM CREEP<br/>In stock: 29701 pcs<br/><b>RFQ</b></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: 3673 pcs<br/><b>RFQ</b></div>     |
|  <div><b>SI8233CB-D-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 41261 pcs<br/><b>RFQ</b></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: 34335 pcs<br/><b>RFQ</b></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: 2705 pcs<br/><b>RFQ</b></div>   |  <div><b>SI8234AB-C-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 4241 pcs<br/><b>RFQ</b></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: 6828 pcs<br/><b>RFQ</b></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: 26665 pcs<br/><b>RFQ</b></div>   |
|  <div><b>SI8234AB-C-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 6374 pcs<br/><b>RFQ</b></div>   |  <div><b>SI8233CB-C-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRIVER 14LGA<br/>In stock: 2726 pcs<br/><b>RFQ</b></div>    |