




Energy Micro (Silicon Labs)

SI8233BB-D-IS1

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| Part Number: | SI8233BB-D-IS1 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | DGTL ISO 2.5KV GATE DRVR 16SOIC |
| Datasheets: | SI8233BB-D-IS1.pdf |
| 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 SI8233BB-D-IS1

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|--------------------------------------|---|
| PART NUMBER | SI8233BB-D-IS1 |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DGTL ISO 2.5KV GATE DRVR 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | SI8233BB-D-IS1.pdf |
| VOLTAGE - SUPPLY | 9.4 V ~ 24 V |
| VOLTAGE - ISOLATION | 2500Vrms |
| VOLTAGE - FORWARD (VF) (TYP) | - |
| TECHNOLOGY | Capacitive Coupling |
| SUPPLIER DEVICE PACKAGE | 16-SOIC |
| 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 | 16-SOIC (0.154", 3.90mm Width) |
| OTHER NAMES | 336-3066 |
| OPERATING TEMPERATURE | -40°C ~ 125°C |
| NUMBER OF CHANNELS | 2 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks) |
| 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 16-SOIC |
| CURRENT - PEAK OUTPUT | 4A |
| CURRENT - OUTPUT HIGH, LOW | 2A, 4A |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 20kV/μs |
| APPROVALS | CQC, CSA, UR, VDE |

Related Tags

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Related Products

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|  <p>SI8233BD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8233BB-D-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 374 pcs RFQ</p> |
|  <p>SI8233BD-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8233BB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 297 pcs RFQ</p> |
|  <p>SI8233BB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8233BB-D-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER In stock: 100 pcs RFQ</p> |
|  <p>SI8233BB-D-IM1R Manufacturers: Energy Micro (Silicon Labs) Description: 2.5KV 8V UVLO HS/LS ISOLATED GAT In stock: Out stock RFQ</p> |  <p>SI8233BD-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p> |
|  <p>SI8233BD-D-IS3 Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER, 8 MM CREEP In stock: 37 pcs RFQ</p> |  <p>SI8233BB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p> |
|  <p>SI8233BB-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8233BB-D-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock RFQ</p> |