



Energy Micro (Silicon Labs)

SI8235BD-D-ISR

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| Part Number: | SI8235BD-D-ISR |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | DGTL ISO 5KV 2CH GATE DVR 16SOIC |
| Datasheets: | SI8235BD-D-ISR.pdf |
| RoHs Status: | Lead free / RoHS Compliant |
| Stock Condition: | 38650 pcs stock |
| 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 SI8235BD-D-ISR

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| PART NUMBER | SI8235BD-D-ISR |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DGTL ISO 5KV 2CH GATE DVR 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 38650 pcs |
| DATA SHEET | SI8235BD-D-ISR.pdf |
| VOLTAGE - SUPPLY | 9.4 V ~ 24 V |
| VOLTAGE - ISOLATION | 5000Vrms |
| 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 | Tape & Reel (TR) |
| PACKAGE / CASE | 16-SOIC (0.295", 7.50mm Width) |
| OTHER NAMES | 336-4770-2 SI8235BD-D-ISR-ND |
| OPERATING TEMPERATURE | -40°C ~ 125°C |
| NUMBER OF CHANNELS | 2 |
| 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 5000Vrms 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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| Silicon Laboratories SI8235BD-D-ISR | Silicon Labs SI8235BD-D-ISR | |

Related Products

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| <p>SI8236BA-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA In stock: 4874 pcs RFQ</p> | <p>SI8235BD-D-IS3R Manufacturers: Energy Micro (Silicon Labs) Description: DUAL ISOLATED GATE DRIVER, 8 MM In stock: 38206 pcs RFQ</p> |
| <p>SI8235BD-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 6853 pcs RFQ</p> | <p>SI8236AA-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA In stock: 4336 pcs RFQ</p> |
| <p>SI8235BD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 32500 pcs RFQ</p> | <p>SI8235BD-D-IS3 Manufacturers: Energy Micro (Silicon Labs) Description: DUAL ISOLATED GATE DRIVER, 8 MM In stock: 31820 pcs RFQ</p> |
| <p>SI8236BA-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA In stock: 3874 pcs RFQ</p> | <p>SI8235BD-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 4466 pcs RFQ</p> |
| <p>SI8236AA-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA In stock: 3946 pcs RFQ</p> | <p>SI8236AA-D-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA In stock: 5173 pcs RFQ</p> |
| <p>SI8236AA-D-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA In stock: 3857 pcs RFQ</p> | <p>SI8235BB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 52683 pcs RFQ</p> |