




Energy Micro (Silicon Labs)

SI8235AD-D-IS3R

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| Part Number: | SI8235AD-D-IS3R |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | DUAL ISOLATED GATE DRIVER, 8 MM |
| Datasheets: | PDF SI8235AD-D-IS3R.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.




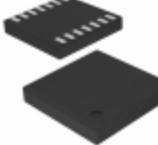



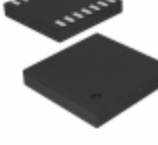




Specifications of SI8235AD-D-IS3R

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| PART NUMBER | SI8235AD-D-IS3R |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DUAL ISOLATED GATE DRIVER, 8 MM |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF SI8235AD-D-IS3R.pdf |
| VOLTAGE - SUPPLY | 6.5 V ~ 24 V |
| VOLTAGE - ISOLATION | 5000Vrms |
| VOLTAGE - FORWARD (VF) (TYP) | - |
| TECHNOLOGY | Capacitive Coupling |
| SUPPLIER DEVICE PACKAGE | 14-SOIC |
| SERIES | Automotive, AEC-Q100 |
| RISE / FALL TIME (TYP) | 12ns, 12ns |
| PULSE WIDTH DISTORTION (MAX) | 5.6ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 60ns, 60ns |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 14-SOIC (0.295", 7.50mm Width) |
| 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 5000Vrms 2 Channel 14-SOIC |
| CURRENT - PEAK OUTPUT | 4A |
| CURRENT - OUTPUT HIGH, LOW | 2A, 4A |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 45kV/μs |
| APPROVALS | CQC, CSA, UR, VDE |

Related Tags

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| Energy Micro (Silicon Labs) SI8235AD-D-IS3R | SI8235AD-D-IS3R Distributor | SI8235AD-D-IS3R Supplier |
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| Silicon Laboratories SI8235AD-D-IS3R | Silicon Labs SI8235AD-D-IS3R | |

Related Products

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|  <p>SI8235BB-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8235AD-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p> |
|  <p>SI8235BA-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8235BB-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock RFQ</p> |
|  <p>SI8235AD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8235AB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p> |
|  <p>SI8235AD-D-IS3 Manufacturers: Energy Micro (Silicon Labs) Description: DUAL ISOLATED GATE DRIVER, 8 MM In stock: 100 pcs RFQ</p> |  <p>SI8235BB-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock RFQ</p> |
|  <p>SI8235AD-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8235AD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 154 pcs RFQ</p> |
|  <p>SI8235AB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p> |  <p>SI8235BA-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p> |