




Energy Micro (Silicon Labs)

SI8230AD-D-IS

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| Part Number: | SI8230AD-D-IS |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | DGTL ISO 5KV 2CH GATE DVR 16SOIC |
| Datasheets: | PDF SI8230AD-D-IS.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 SI8230AD-D-IS

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| PART NUMBER | SI8230AD-D-IS |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DGTL ISO 5KV 2CH GATE DVR 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF SI8230AD-D-IS.pdf |
| VOLTAGE - SUPPLY | 6.5 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) | 20ns, 20ns (Max) |
| PULSE WIDTH DISTORTION (MAX) | 5.6ns |
| PROPAGATION DELAY TPLH / TPHL (MAX) | 60ns, 60ns |
| PACKAGING | Tube |
| PACKAGE / CASE | 16-SOIC (0.295", 7.50mm Width) |
| OTHER NAMES | 336-4680 SI8230AD-D-IS-ND |
| 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 | 500mA Gate Driver Capacitive Coupling 5000Vrms 2 Channel 16-SOIC |
| CURRENT - PEAK OUTPUT | 500mA |
| CURRENT - OUTPUT HIGH, LOW | 250mA, 500mA |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 20kV/μs |
| APPROVALS | CQC, CSA, UR, VDE |

Related Tags

| | | |
|---|--------------------------------------|---|
| Energy Micro (Silicon Labs) SI8230AD-D-IS | SI8230AD-D-IS Distributor | SI8230AD-D-IS Supplier |
| SI8230AD-D-IS Price | SI8230AD-D-IS Pictures | SI8230AD-D-IS Image |
| SI8230AD-D-IS PDF Datasheet | SI8230AD-D-IS Download Datasheet | SI8230AD-D-IS Datasheet |
| SI8230AD-D-IS Stock | Buy SI8230AD-D-IS | Buy Energy Micro (Silicon Labs) SI8230AD-D-IS |
| Energy Micro (Silicon Labs) SI8230AD-D-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) SI8230AD-D-IS | Energy Micro SI8230AD-D-IS | Energy Micro (Silicon Labs) SI8230AD-D-IS |
| Silicon Laboratories SI8230AD-D-IS | Silicon Labs SI8230AD-D-IS | |

Related Products

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|---|---|
|  <p>SI8230AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 46 pcs</p> <p>RFQ</p> |  <p>SI8230AD-D-IS3 Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER, 8 MM CREEP In stock: 88 pcs</p> <p>RFQ</p> |
|  <p>SI8230AB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 38 pcs</p> <p>RFQ</p> |  <p>SI8230AD-D-IS3R Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER, 8 MM CREEP In stock: Out stock</p> <p>RFQ</p> |
|  <p>SI8230AD-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>SI8230BB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock</p> <p>RFQ</p> |
|  <p>SI8230AD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>SI8230AD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock</p> <p>RFQ</p> |
|  <p>SI8230BB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>SI8230BB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock</p> <p>RFQ</p> |
|  <p>SI8230AB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock</p> <p>RFQ</p> |  <p>SI8230AB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock</p> <p>RFQ</p> |