



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI8238AD-D-IS3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8238AD-D-IS3                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DUAL ISOLATED GATE DRIVER, 8 MM                                                                              |
| Datasheets:         |  SI8238AD-D-IS3.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 30341 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8238AD-D-IS3

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8238AD-D-IS3                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                          | DUAL ISOLATED GATE DRIVER, 8 MM                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 30341 pcs                                                                                              |
| DATA SHEET                           |  SI8238AD-D-IS3.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                            | Tube                                                                                                   |
| PACKAGE / CASE                       | 14-SOIC (0.295", 7.50mm Width)                                                                         |
| OTHER NAMES                          | 336-4262                                                                                               |
| 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 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

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) SI8238AD-D-IS3 | SI8238AD-D-IS3 Distributor           | SI8238AD-D-IS3 Supplier                        |
| SI8238AD-D-IS3 Price                       | SI8238AD-D-IS3 Pictures              | SI8238AD-D-IS3 Image                           |
| SI8238AD-D-IS3 PDF Datasheet               | SI8238AD-D-IS3 Download Datasheet    | SI8238AD-D-IS3 Datasheet                       |
| SI8238AD-D-IS3 Stock                       | Buy SI8238AD-D-IS3                   | Buy Energy Micro (Silicon Labs) SI8238AD-D-IS3 |
| Energy Micro (Silicon Labs) SI8238AD-D-IS3 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) SI8238AD-D-IS3 | Energy Micro SI8238AD-D-IS3          | Energy Micro (Silicon Labs) SI8238AD-D-IS3     |
| Silicon Laboratories SI8238AD-D-IS3        | Silicon Labs SI8238AD-D-IS3          |                                                |

Related Products

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| <div></div> <div><b>SI8238BB-C-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 4042 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>SI8238AD-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: 5852 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI8238BB-D-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 40447 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>SI8238AD-D-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: 28925 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI8238BB-D-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 41951 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SI8238AB-D-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 53188 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SI8238AD-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: 5310 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>SI8238AB-D-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 43659 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI8238AD-D-IS3R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DUAL ISOLATED GATE DRIVER, 8 MM<br/>In stock: 36778 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SI8238BB-C-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 5844 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SI8238AD-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: 33198 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SI8238AB-C-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 5085 pcs<br/><div>RFQ</div></div>  |