



SI8235BD-D-IS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8235BD-D-IS                                                                                                |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 2CH GATE DVR 16SOIC                                                                             |
| Datasheets:         |  SI8235BD-D-IS.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

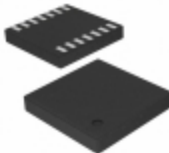
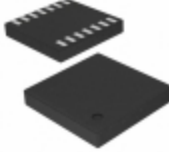
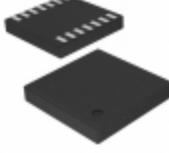
Specifications of SI8235BD-D-IS

|                                      |                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8235BD-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                           |  SI8235BD-D-IS.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                            | Tube                                                                                                  |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                        |
| 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 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

|                                           |                                      |                                               |
|-------------------------------------------|--------------------------------------|-----------------------------------------------|
| Energy Micro (Silicon Labs) SI8235BD-D-IS | SI8235BD-D-IS Distributor            | SI8235BD-D-IS Supplier                        |
| SI8235BD-D-IS Price                       | SI8235BD-D-IS Pictures               | SI8235BD-D-IS Image                           |
| SI8235BD-D-IS PDF Datasheet               | SI8235BD-D-IS Download Datasheet     | SI8235BD-D-IS Datasheet                       |
| SI8235BD-D-IS Stock                       | Buy SI8235BD-D-IS                    | Buy Energy Micro (Silicon Labs) SI8235BD-D-IS |
| Energy Micro (Silicon Labs) SI8235BD-D-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) SI8235BD-D-IS | Energy Micro SI8235BD-D-IS           | Energy Micro (Silicon Labs) SI8235BD-D-IS     |
| Silicon Laboratories SI8235BD-D-IS        | Silicon Labs SI8235BD-D-IS           |                                               |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI8236AA-D-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SI8235BB-D-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SI8235BD-D-IS3</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DUAL ISOLATED GATE DRIVER, 8 MM<br/>In stock: 60 pcs<br/><div>RFQ</div></div>     |  <div><b>SI8235BB-D-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SI8236AA-C-IM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SI8235BD-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SI8235BD-C-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SI8235BD-C-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SI8236AA-C-IMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 1KV 2CH GATE DRVR 14LGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SI8235BB-D-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SI8235BB-D-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DRVR 16SOIC<br/>In stock: 457 pcs<br/><div>RFQ</div></div>     |  <div><b>SI8235BD-D-IS3R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DUAL ISOLATED GATE DRIVER, 8 MM<br/>In stock: Out stock<br/><div>RFQ</div></div> |