



Energy Micro (Silicon Labs)

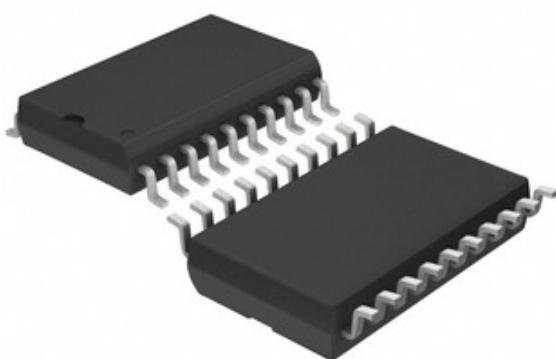


Image may be representation. See specifications for product details.

SI8281CD-IS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8281CD-IS                                                                                                  |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 1CH GATE DVR 20SOIC                                                                             |
| Datasheets:         |  SI8281CD-IS.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23158 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI8281CD-IS

|                                      |                                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI8281CD-IS                                                                                         |
| MANUFACTURER                         | Energy Micro (Silicon Labs)                                                                         |
| DESCRIPTION                          | DGTL ISO 5KV 1CH GATE DVR 20SOIC                                                                    |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                          |
| QUANTITY AVAILABLE                   | 23158 pcs                                                                                           |
| DATA SHEET                           |  SI8281CD-IS.pdf |
| VOLTAGE - SUPPLY                     | 12 V ~ 30 V                                                                                         |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                            |
| VOLTAGE - FORWARD (VF) (TYP)         | -                                                                                                   |
| TECHNOLOGY                           | Capacitive Coupling                                                                                 |
| SUPPLIER DEVICE PACKAGE              | 20-SOIC                                                                                             |
| SERIES                               | -                                                                                                   |
| RISE / FALL TIME (TYP)               | 5.5ns, 8.5ns                                                                                        |
| PULSE WIDTH DISTORTION (MAX)         | 5ns                                                                                                 |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 50ns, 50ns                                                                                          |
| PACKAGING                            | Tube                                                                                                |
| PACKAGE / CASE                       | 20-SOIC (0.295", 7.50mm Width)                                                                      |
| OTHER NAMES                          | 336-3517                                                                                            |
| OPERATING TEMPERATURE                | -40°C ~ 125°C                                                                                       |
| NUMBER OF CHANNELS                   | 1                                                                                                   |
| MOUNTING TYPE                        | Surface Mount                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                          |
| DETAILED DESCRIPTION                 | 4A Gate Driver Capacitive Coupling 5000Vrms 1 Channel 20-SOIC                                       |
| CURRENT - PEAK OUTPUT                | 4A                                                                                                  |
| CURRENT - OUTPUT HIGH, LOW           | 2.5A, 3A                                                                                            |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 35kV/µs                                                                                             |
| APPROVALS                            | CQC, CSA, UR, VDE                                                                                   |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Energy Micro (Silicon Labs) SI8281CD-IS | SI8281CD-IS Distributor              | SI8281CD-IS Supplier                        |
| SI8281CD-IS Price                       | SI8281CD-IS Pictures                 | SI8281CD-IS Image                           |
| SI8281CD-IS PDF Datasheet               | SI8281CD-IS Download Datasheet       | SI8281CD-IS Datasheet                       |
| SI8281CD-IS Stock                       | Buy SI8281CD-IS                      | Buy Energy Micro (Silicon Labs) SI8281CD-IS |
| Energy Micro (Silicon Labs) SI8281CD-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor     |
| Energy Micro (Silicon Labs) SI8281CD-IS | Energy Micro SI8281CD-IS             | Energy Micro (Silicon Labs) SI8281CD-IS     |
| Silicon Laboratories SI8281CD-IS        | Silicon Labs SI8281CD-IS             |                                             |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI8281BC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV 1CH GATE DRVR<br/>In stock: 28875 pcs<br/>RFQ</div>   |  <div><b>SI8282BC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV 1CH GATE DRVR<br/>In stock: 25680 pcs<br/>RFQ</div>    |
|  <div><b>SI8282CC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV 1CH GATE DRVR<br/>In stock: 28809 pcs<br/>RFQ</div>   |  <div><b>SI8281BC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV 1CH GATE DRVR<br/>In stock: 25427 pcs<br/>RFQ</div>    |
|  <div><b>SI8281CC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV 1CH GATE DRVR<br/>In stock: 23643 pcs<br/>RFQ</div>    |  <div><b>SI8281-KIT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EVALUATION KIT FOR SI8281 DEVICE<br/>In stock: 4132 pcs<br/>RFQ</div>   |
|  <div><b>SI8281BD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC<br/>In stock: 20648 pcs<br/>RFQ</div> |  <div><b>SI8282CD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC<br/>In stock: 22324 pcs<br/>RFQ</div> |
|  <div><b>SI8282BC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV 1CH GATE DRVR<br/>In stock: 24335 pcs<br/>RFQ</div>   |  <div><b>SI8282CC-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV 1CH GATE DRVR<br/>In stock: 26770 pcs<br/>RFQ</div>    |
|  <div><b>SI8282BD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC<br/>In stock: 21161 pcs<br/>RFQ</div> |  <div><b>SI8281CC-ISR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 3.75KV 1CH GATE DRVR<br/>In stock: 29824 pcs<br/>RFQ</div>   |