



SI82396CD-IS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI82396CD-IS                                                                                                 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | DGTL ISO 5KV 2CH GATE DVR 16SOIC                                                                             |
| Datasheets:         |  SI82396CD-IS.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SI82396CD-IS

|                                      |                                                                                                      |
|--------------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | SI82396CD-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                           |  SI82396CD-IS.pdf |
| VOLTAGE - SUPPLY                     | 12.8 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)  | 40ns, 40ns                                                                                           |
| PACKAGING                            | Tube                                                                                                 |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                       |
| OTHER NAMES                          | 336-3390-5                                                                                           |
| 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) | 35kV/μs                                                                                              |
| APPROVALS                            | CQC, CSA, UR, VDE                                                                                    |

Related Tags

|                                          |                                      |                                              |
|------------------------------------------|--------------------------------------|----------------------------------------------|
| Energy Micro (Silicon Labs) SI82396CD-IS | SI82396CD-IS Distributor             | SI82396CD-IS Supplier                        |
| SI82396CD-IS Price                       | SI82396CD-IS Pictures                | SI82396CD-IS Image                           |
| SI82396CD-IS PDF Datasheet               | SI82396CD-IS Download Datasheet      | SI82396CD-IS Datasheet                       |
| SI82396CD-IS Stock                       | Buy SI82396CD-IS                     | Buy Energy Micro (Silicon Labs) SI82396CD-IS |
| Energy Micro (Silicon Labs) SI82396CD-IS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor      |
| Energy Micro (Silicon Labs) SI82396CD-IS | Energy Micro SI82396CD-IS            | Energy Micro (Silicon Labs) SI82396CD-IS     |
| Silicon Laboratories SI82396CD-IS        | Silicon Labs SI82396CD-IS            |                                              |

Related Products

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|  <div><b>SI82396BD-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>SI82396CB-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SI82397BD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: 42 pcs<br/><div>RFQ</div></div>     |  <div><b>SI82396BB-IS1R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DVR 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SI82397AD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: 92 pcs<br/><div>RFQ</div></div>     |  <div><b>SI82396CB-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DVR 16SOIC<br/>In stock: 48 pcs<br/><div>RFQ</div></div>      |
|  <div><b>SI82397BD-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>SI82396CD-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>SI82396BB-IS1</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 2.5KV GATE DVR 16SOIC<br/>In stock: 176 pcs<br/><div>RFQ</div></div>     |  <div><b>SI82397CD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: 17 pcs<br/><div>RFQ</div></div>     |
|  <div><b>SI82396BD-IS</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC<br/>In stock: 132 pcs<br/><div>RFQ</div></div>    |  <div><b>SI82397AD-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> |