



Energy Micro (Silicon Labs)

SI82398CB4-IS1

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| Part Number: | SI82398CB4-IS1 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description: | DGTL ISO 2.5KV GATE DVR 16SOIC |
| Datasheets: | SI82398CB4-IS1.pdf |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 34973 pcs stock |
| 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 SI82398CB4-IS1

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| PART NUMBER | SI82398CB4-IS1 |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | DGTL ISO 2.5KV GATE DVR 16SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 34973 pcs |
| DATA SHEET | SI82398CB4-IS1.pdf |
| VOLTAGE - SUPPLY | 12.8 V ~ 24 V |
| VOLTAGE - ISOLATION | 2500Vrms |
| 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) | 135ns, 95ns |
| PACKAGING | Tube |
| PACKAGE / CASE | 16-SOIC (0.154", 3.90mm Width) |
| OTHER NAMES | 336-3871 |
| 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 2500Vrms 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

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| SI82398CB4-IS1 Price | SI82398CB4-IS1 Pictures | SI82398CB4-IS1 Image |
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| Silicon Laboratories SI82398CB4-IS1 | Silicon Labs SI82398CB4-IS1 | |

Related Products

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|---|---|
| <p>SI82398CB4-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DVR 16SOIC In stock: 52315 pcs RFQ</p> | <p>SI8239XISO-KIT Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT SI8239X In stock: 3356 pcs RFQ</p> |
| <p>SI82398CD-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 34989 pcs RFQ</p> | <p>SI82398CD4-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 32362 pcs RFQ</p> |
| <p>SI82398BD4-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 38181 pcs RFQ</p> | <p>SI82398CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 27915 pcs RFQ</p> |
| <p>SI82398BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 34824 pcs RFQ</p> | <p>SI82398CD4-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 36678 pcs RFQ</p> |
| <p>SI82398BD4-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 36335 pcs RFQ</p> | <p>SI82398BD-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 32975 pcs RFQ</p> |
| <p>SI82398BB4-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DVR 16SOIC In stock: 41142 pcs RFQ</p> | <p>SI82398BB4-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DVR 16SOIC In stock: 41515 pcs RFQ</p> |

