

SI8261AAD-C-IS



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Part Number: SI8261AAD-C-IS

Manufacturer Energy Micro (Silicon Labs)

Description DGTL ISO 5KV 1CH GATE DRVR 6SDIP

Data sheet: Data sheet

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER

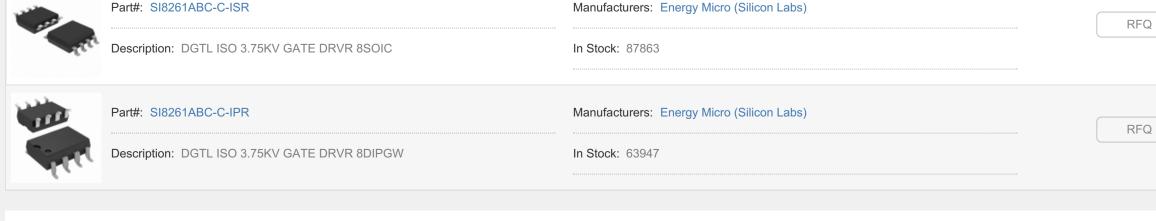
| Part Number | | |
|--------------------------------------|---|--|
| | SI8261AAD-C-IS | |
| Manufacturer | Energy Micro (Silicon Labs) | |
| Description | DGTL ISO 5KV 1CH GATE DRVR 6SDIP | |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | |
| Quantity Available | 54068 pcs | |
| Product Photo | SI8261AAD-C-IS.jpg | |
| Category | Isolators | |
| Voltage - Supply | 6.5 V ~ 30 V | |
| Voltage - Isolation | 5000Vrms | |
| Voltage - Forward (Vf) (Typ) | 2.8V (Max) | |
| Technology | Capacitive Coupling | |
| Supplier Device Package | 6-SDIP | |
| Series | Automotive, AEC-Q100 | |
| Rise / Fall Time (Typ) | 5.5ns, 8.5ns | |
| Pulse Width Distortion (Max) | 28ns | |
| Propagation Delay tpLH / tpHL (Max) | 60ns, 50ns | |
| Packaging | Tube | |
| Package / Case | 6-SOIC (0.295", 7.50mm Width) | |
| Operating Temperature | -40°C ~ 125°C | |
| Number of Channels | 1 | |
| Mounting Type | Surface Mount | |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours) | |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | |
| Detailed Description | 600mA Gate Driver Capacitive Coupling 5000Vrms 1 Channel 6-SDIP | |
| Current - Peak Output | 600mA | |
| Current - Output High, Low | 400mA, 600mA | |
| Current - DC Forward (If) (Max) | 30mA | |
| Common Mode Transient Immunity (Min) | 35kV/µs | |
| Approvals | CQC, CSA, UR, VDE | |

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| | Part#: SI8252-IQ | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
| Justific attained | Description: IC DIGITAL PWR CONTROLLER 32LQFP | In Stock: 4168 | |
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| si826x | Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA | In Stock: 5385 | |
| | Part#: SI8261ABA-C-ISR | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
| SILICON LABS | Description: DGTL ISO 1CH GATE DRIVER | In Stock: 93492 | |
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