




Energy Micro (Silicon Labs)

SI8221DC-A-IS

Part Number:	SI8221DC-A-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 3.75KV GATE DRVR 8SOIC
Datasheets:	SI8221DC-A-IS.pdf
RoHS Status:	 Lead free / RoHS Compliant
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 SI8221DC-A-IS

PART NUMBER	SI8221DC-A-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV GATE DRVR 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	SI8221DC-A-IS.pdf
VOLTAGE - SUPPLY	14.8 V ~ 24 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	2.5V (Max)
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	30ns, 30ns (Max)
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 40ns
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	500mA Gate Driver Capacitive Coupling 3750Vrms 1 Channel 8-SOIC
CURRENT - PEAK OUTPUT	500mA
CURRENT - OUTPUT HIGH, LOW	300mA, 500mA
CURRENT - DC FORWARD (IF) (MAX)	30mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	30kV/μs (Typ)
APPROVALS	CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8221DC-A-IS	SI8221DC-A-IS Distributor	SI8221DC-A-IS Supplier
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Related Products

 <p>SI8220DD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8230AB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>
 <p>SI8221DC-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ</p>	 <p>SI8221CC-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ</p>
 <p>SI8221DC-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ</p>	 <p>SI8221CC-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ</p>
 <p>SI8221DC-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ</p>	 <p>SI8230AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>
 <p>SI8221CC-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 76 pcs RFQ</p>	 <p>SI8221CC-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ</p>
 <p>SI8230AB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8220DD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 133 pcs RFQ</p>