



Energy Micro (Silicon Labs)

SI8220CB-D-IS

Part Number:	SI8220CB-D-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GATE DRIVER 8SOIC
Datasheets:	SI8220CB-D-IS.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	53657 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 SI8220CB-D-IS

PART NUMBER	SI8220CB-D-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRIVER 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	53657 pcs
DATA SHEET	SI8220CB-D-IS.pdf
VOLTAGE - SUPPLY	12.2 V ~ 24 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	2.5V (Max)
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	20ns, 20ns (Max)
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 40ns
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-4676 SI8220CB-D-IS-ND
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	2.5A Gate Driver Capacitive Coupling 2500Vrms 1 Channel 8-SOIC
CURRENT - PEAK OUTPUT	2.5A
CURRENT - OUTPUT HIGH, LOW	1.5A, 2.5A
CURRENT - DC FORWARD (IF) (MAX)	30mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	30kV/μs (Typ)
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8220CB-D-IS	SI8220CB-D-IS Distributor	SI8220CB-D-IS Supplier
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Energy Micro (Silicon Labs) SI8220CB-D-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

<p>SI8220CD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 46350 pcs RFQ</p>	<p>SI8220DB-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: 6186 pcs RFQ</p>
<p>SI8220CD-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 3420 pcs RFQ</p>	<p>SI8220CB-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: 4333 pcs RFQ</p>
<p>SI8220CB-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: 3898 pcs RFQ</p>	<p>SI8220CB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: 68720 pcs RFQ</p>
<p>SI8220BD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 49641 pcs RFQ</p>	<p>SI8220CD-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 5362 pcs RFQ</p>
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<p>SI8220BD-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 6455 pcs RFQ</p>	<p>SI8220BD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 44299 pcs RFQ</p>