




Energy Micro (Silicon Labs)

**SI8220DB-D-ISR**

Part Number:	SI8220DB-D-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GATE DRIVER 8SOIC
Datasheets:	<a href="#">SI8220DB-D-ISR.pdf</a>
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 SI8220DB-D-ISR**

PART NUMBER	SI8220DB-D-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRIVER 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">SI8220DB-D-ISR.pdf</a>
VOLTAGE - SUPPLY	14.8 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	Cut Tape (CT)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-5201-1
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
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

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**Related Products**

 <p><b>SI8220CD-D-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8221CC-A-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8221CC-A-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8220CD-D-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8220DD-D-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8220DB-A-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8220DB-A-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8220CD-A-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8220DD-D-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 133 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8220DB-D-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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