



Energy Micro (Silicon Labs)

### SI8230AB-D-IS1

Part Number:	SI8230AB-D-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GATE DRVR 16SOIC
Datasheets:	<a href="#">SI8230AB-D-IS1.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	59509 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 SI8230AB-D-IS1

PART NUMBER	SI8230AB-D-IS1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRVR 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	59509 pcs
DATA SHEET	<a href="#">SI8230AB-D-IS1.pdf</a>
VOLTAGE - SUPPLY	6.5 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)	20ns, 20ns (Max)
PULSE WIDTH DISTORTION (MAX)	5.6ns
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 60ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-4679 SI8230AB-D-IS1-ND
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	500mA Gate Driver Capacitive Coupling 2500Vrms 2 Channel 16-SOIC
CURRENT - PEAK OUTPUT	500mA
CURRENT - OUTPUT HIGH, LOW	250mA, 500mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	20kV/μs
APPROVALS	CQC, CSA, UR, VDE

#### Related Tags

Energy Micro (Silicon Labs) SI8230AB-D-IS1	SI8230AB-D-IS1 Distributor	SI8230AB-D-IS1 Supplier
SI8230AB-D-IS1 Price	SI8230AB-D-IS1 Pictures	SI8230AB-D-IS1 Image
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#### Related Products

<p><b>SI8230AB-B-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 5262 pcs <a href="#">RFQ</a></p>	<p><b>SI8230AD-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 3219 pcs <a href="#">RFQ</a></p>
<p><b>SI8230AB-D-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 76459 pcs <a href="#">RFQ</a></p>	<p><b>SI8230AB-B-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 6075 pcs <a href="#">RFQ</a></p>
<p><b>SI8230AB-B-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 5739 pcs <a href="#">RFQ</a></p>	<p><b>SI8230AB-D-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 58201 pcs <a href="#">RFQ</a></p>
<p><b>SI8230AB-B-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 3832 pcs <a href="#">RFQ</a></p>	<p><b>SI8230AB-D-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 60002 pcs <a href="#">RFQ</a></p>
<p><b>SI8230AD-D-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 40573 pcs <a href="#">RFQ</a></p>	<p><b>SI8230AD-D-IS3</b> Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER, 8 MM CREEP In stock: 37300 pcs <a href="#">RFQ</a></p>
<p><b>SI8230AD-B-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 6492 pcs <a href="#">RFQ</a></p>	<p><b>SI8221DC-D-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 65953 pcs <a href="#">RFQ</a></p>

