




Energy Micro (Silicon Labs)

**SI8281BD-IS**

Part Number:	SI8281BD-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 5KV 1CH GATE DVR 20SOIC
Datasheets:	<a href="#">PDF SI8281BD-IS.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 SI8281BD-IS**

PART NUMBER	SI8281BD-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 1CH GATE DVR 20SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF SI8281BD-IS.pdf</a>
VOLTAGE - SUPPLY	9.5 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	20-SOIC
SERIES	-
RISE / FALL TIME (TYP)	5.5ns, 8.5ns
PULSE WIDTH DISTORTION (MAX)	5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	50ns, 50ns
PACKAGING	Tube
PACKAGE / CASE	20-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-3516
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	6 (Time on Label)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4A Gate Driver Capacitive Coupling 5000Vrms 1 Channel 20-SOIC
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	2.5A, 3A
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
APPROVALS	CQC, CSA, UR, VDE

**Related Tags**

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**Related Products**

 <p><b>SI8275ISO-KIT</b> Manufacturers: Energy Micro (Silicon Labs) Description: SI8275/71 EVAL KIT In stock: 4 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8282BC-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8282BD-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 11 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8275GBD-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 324 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8281CC-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8282BC-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8281BC-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8281CC-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8281BC-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8281CD-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8275GBD-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8281-KIT</b> Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT FOR SI8281 DEVICE In stock: 15 pcs</p> <p><a href="#">RFQ</a></p>