




Energy Micro (Silicon Labs)

SI8271BB-ISR

Part Number:	SI8271BB-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GATE DRVR 8SOIC
Datasheets:	PDF SI8271BB-ISR.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 SI8271BB-ISR

PART NUMBER	SI8271BB-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRVR 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF SI8271BB-ISR.pdf
VOLTAGE - SUPPLY	6.7 V ~ 30 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	10.5ns, 13.3ns
PULSE WIDTH DISTORTION (MAX)	8ns
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 60ns
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-5539-1
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4A Gate Driver Capacitive Coupling 2500Vrms 1 Channel 8-SOIC
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	1.8A, 4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	150kV/μs
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8271BB-ISR	SI8271BB-ISR Distributor	SI8271BB-ISR Supplier
SI8271BB-ISR Price	SI8271BB-ISR Pictures	SI8271BB-ISR Image
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Related Products

 <p>SI8273AB-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock</p> <p>RFQ</p>	 <p>SI8271GB-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 8SOIC In stock: Out stock</p> <p>RFQ</p>
 <p>SI8273AB-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock</p> <p>RFQ</p>	 <p>SI8271DB-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 8SOIC In stock: Out stock</p> <p>RFQ</p>
 <p>SI8271BB-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock</p> <p>RFQ</p>	 <p>SI826XS0IC8-KIT Manufacturers: Energy Micro (Silicon Labs) Description: KIT EVAL SI826X IN 8-SOIC In stock: 1 pcs</p> <p>RFQ</p>
 <p>SI8271GB-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock</p> <p>RFQ</p>	 <p>SI826XSDIP6-KIT Manufacturers: Energy Micro (Silicon Labs) Description: KIT EVAL SI826X IN SO-6 In stock: 2 pcs</p> <p>RFQ</p>
 <p>SI8271AB-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: 744 pcs</p> <p>RFQ</p>	 <p>SI8271DB-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock</p> <p>RFQ</p>
 <p>SI8271AB-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 8SOIC In stock: Out stock</p> <p>RFQ</p>	 <p>SI826XSAMP-KIT Manufacturers: Energy Micro (Silicon Labs) Description: KIT SI826X OPTO DVR REPL SAMPLE In stock: 11 pcs</p> <p>RFQ</p>