



Energy Micro (Silicon Labs)



SI8271BB-IS

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

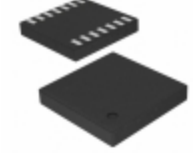
Specifications of SI8271BB-IS

PART NUMBER	SI8271BB-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRIVER 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8271BB-IS.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	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-3531-5
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-IS	SI8271BB-IS Distributor	SI8271BB-IS Supplier
SI8271BB-IS Price	SI8271BB-IS Pictures	SI8271BB-IS Image
SI8271BB-IS PDF Datasheet	SI8271BB-IS Download Datasheet	SI8271BB-IS Datasheet
SI8271BB-IS Stock	Buy SI8271BB-IS	Buy Energy Micro (Silicon Labs) SI8271BB-IS
Energy Micro (Silicon Labs) SI8271BB-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8271BB-IS	Silicon Labs SI8271BB-IS	

Related Products

 SI8271BB-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 8SOIC In stock: Out stock RFQ	 SI826XSAMP-KIT Manufacturers: Energy Micro (Silicon Labs) Description: KIT SI826X OPTO DVR REPL SAMPLE In stock: 11 pcs RFQ
 SI826XDIP8-KIT Manufacturers: Energy Micro (Silicon Labs) Description: KIT EVAL SI826X IN GW DIP-8 In stock: 1 pcs RFQ	 SI826XSDIP6-KIT Manufacturers: Energy Micro (Silicon Labs) Description: KIT EVAL SI826X IN SO-6 In stock: 2 pcs RFQ
 SI8271AB-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: 744 pcs RFQ	 SI8271DB-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 8SOIC In stock: Out stock RFQ
 SI8271GB-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 8SOIC In stock: Out stock RFQ	 SI8271AB-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 8SOIC In stock: Out stock RFQ
 SI8273AB-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock RFQ	 SI8271GB-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock RFQ
 SI826XSOIC8-KIT Manufacturers: Energy Micro (Silicon Labs) Description: KIT EVAL SI826X IN 8-SOIC In stock: 1 pcs RFQ	 SI8271DB-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock RFQ