



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI8275GBD-IS1

Part Number:	SI8275GBD-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GATE DRVR 16SOIC
Datasheets:	 SI8275GBD-IS1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	34312 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

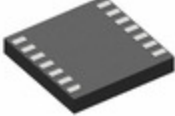
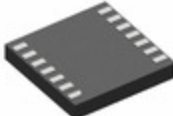
Specifications of SI8275GBD-IS1

PART NUMBER	SI8275GBD-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	34312 pcs
DATA SHEET	 SI8275GBD-IS1.pdf
VOLTAGE - SUPPLY	4.2 V ~ 30 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	10.5ns, 13.3ns
PULSE WIDTH DISTORTION (MAX)	8ns
PROPAGATION DELAY TPLH / TPHL (MAX)	75ns, 75ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-3553-5
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	4A Gate Driver Capacitive Coupling 2500Vrms 2 Channel 16-SOIC
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	1.8A, 4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	200kV/μs
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8275GBD-IS1	SI8275GBD-IS1 Distributor	SI8275GBD-IS1 Supplier
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Related Products

 SI8275GB-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 42799 pcs RFQ	 SI8275ABD-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 4287 pcs RFQ
 SI8275GBD-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 41579 pcs RFQ	 SI8275ABD-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 33023 pcs RFQ
 SI8275GB-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 36865 pcs RFQ	 SI8275ISO-KIT Manufacturers: Energy Micro (Silicon Labs) Description: SI8275/71 EVAL KIT In stock: 3355 pcs RFQ
 SI8281BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25427 pcs RFQ	 SI8281-KIT Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT FOR SI8281 DEVICE In stock: 4132 pcs RFQ
 SI8281BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 20648 pcs RFQ	 SI8281BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 28875 pcs RFQ
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