




Energy Micro (Silicon Labs)

SI8237BD-D-IS

Part Number:	SI8237BD-D-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 5KV 2CH GATE DVR 16SOIC
Datasheets:	SI8237BD-D-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 SI8237BD-D-IS

PART NUMBER	SI8237BD-D-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 2CH GATE DVR 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	SI8237BD-D-IS.pdf
VOLTAGE - SUPPLY	9.4 V ~ 24 V
VOLTAGE - ISOLATION	5000Vrms
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 (0.295", 7.50mm Width)
OTHER NAMES	336-4913 SI8237BD-D-IS-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
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	500mA Gate Driver Capacitive Coupling 5000Vrms 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) SI8237BD-D-IS	SI8237BD-D-IS Distributor	SI8237BD-D-IS Supplier
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Related Products

 <p>SI8238AB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8237BB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>
 <p>SI8237BD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8237BB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 33 pcs RFQ</p>
 <p>SI8238AD-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8238AB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>
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