



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI8238BD-D-IS3R

Part Number:	SI8238BD-D-IS3R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DUAL ISOLATED GATE DRIVER, 8 MM
Datasheets:	 SI8238BD-D-IS3R.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	38981 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8238BD-D-IS3R

PART NUMBER	SI8238BD-D-IS3R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DUAL ISOLATED GATE DRIVER, 8 MM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	38981 pcs
DATA SHEET	 SI8238BD-D-IS3R.pdf
VOLTAGE - SUPPLY	6.5 V ~ 24 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	14-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	12ns, 12ns
PULSE WIDTH DISTORTION (MAX)	5.6ns
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 60ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	14-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4A Gate Driver Capacitive Coupling 5000Vrms 2 Channel 14-SOIC
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	2A, 4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	45kV/μs
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8238BD-D-IS3R	SI8238BD-D-IS3R Distributor	SI8238BD-D-IS3R Supplier
SI8238BD-D-IS3R Price	SI8238BD-D-IS3R Pictures	SI8238BD-D-IS3R Image
SI8238BD-D-IS3R PDF Datasheet	SI8238BD-D-IS3R Download Datasheet	SI8238BD-D-IS3R Datasheet
SI8238BD-D-IS3R Stock	Buy SI8238BD-D-IS3R	Buy Energy Micro (Silicon Labs) SI8238BD-D-IS3R
Energy Micro (Silicon Labs) SI8238BD-D-IS3R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8238BD-D-IS3R	Silicon Labs SI8238BD-D-IS3R	

Related Products

 SI8238BB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 41951 pcs RFQ	 SI8238BD-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 6514 pcs RFQ
 SI8238BD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 40088 pcs RFQ	 SI8238BB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 40447 pcs RFQ
 SI82390BB-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DVR 16SOIC In stock: 42420 pcs RFQ	 SI8238BD-D-IS3 Manufacturers: Energy Micro (Silicon Labs) Description: DUAL ISOLATED GATE DRIVER, 8 MM In stock: 30197 pcs RFQ
 SI82390BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 34695 pcs RFQ	 SI8238BD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 27831 pcs RFQ
 SI8238BD-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 6960 pcs RFQ	 SI82390AD-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 31645 pcs RFQ
 SI82390AB-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DVR 16SOIC In stock: 38297 pcs RFQ	 SI82390AD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 27481 pcs RFQ