



Energy Micro (Silicon Labs)



SI8230BD-D-IS3R

Part Number:	SI8230BD-D-IS3R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	ISOLATED GATE DRIVER, 8 MM CREEP
Datasheets:	 SI8230BD-D-IS3R.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	51278 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8230BD-D-IS3R

PART NUMBER	SI8230BD-D-IS3R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	ISOLATED GATE DRIVER, 8 MM CREEP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	51278 pcs
DATA SHEET	 SI8230BD-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) SI8230BD-D-IS3R	SI8230BD-D-IS3R Distributor	SI8230BD-D-IS3R Supplier
SI8230BD-D-IS3R Price	SI8230BD-D-IS3R Pictures	SI8230BD-D-IS3R Image
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SI8230BD-D-IS3R Stock	Buy SI8230BD-D-IS3R	Buy Energy Micro (Silicon Labs) SI8230BD-D-IS3R
Energy Micro (Silicon Labs) SI8230BD-D-IS3R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8230BD-D-IS3R	Silicon Labs SI8230BD-D-IS3R	

Related Products

 SI8231AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 57184 pcs RFQ	 SI8230BD-D-IS3 Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER, 8 MM CREEP In stock: 38051 pcs RFQ
 SI8230BD-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 39357 pcs RFQ	 SI8230BD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 49874 pcs RFQ
 SI8231AB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 3052 pcs RFQ	 SI8230BD-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 5332 pcs RFQ
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 SI8231AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 6270 pcs RFQ	 SI8231AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 4807 pcs RFQ