



Energy Micro (Silicon Labs)

SI8235AB-D-IM

Part Number:	SI8235AB-D-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GATE DRIVER 14LGA
Datasheets:	SI8235AB-D-IM.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	33733 pcs stock
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 SI8235AB-D-IM

PART NUMBER	SI8235AB-D-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRIVER 14LGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	33733 pcs
DATA SHEET	SI8235AB-D-IM.pdf
VOLTAGE - SUPPLY	6.5 V ~ 24 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	14-LGA (5x5)
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	12ns, 12ns (Max)
PULSE WIDTH DISTORTION (MAX)	5.6ns
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 60ns
PACKAGING	Tube
PACKAGE / CASE	14-VFLGA
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 2500Vrms 2 Channel 14-LGA (5x5)
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	2A, 4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	20kV/μs
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8235AB-D-IM	SI8235AB-D-IM Distributor	SI8235AB-D-IM Supplier
SI8235AB-D-IM Price	SI8235AB-D-IM Pictures	SI8235AB-D-IM Image
SI8235AB-D-IM PDF Datasheet	SI8235AB-D-IM Download Datasheet	SI8235AB-D-IM Datasheet
SI8235AB-D-IM Stock	Buy SI8235AB-D-IM	Buy Energy Micro (Silicon Labs) SI8235AB-D-IM
Energy Micro (Silicon Labs) SI8235AB-D-IM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8235AB-D-IM	Silicon Labs SI8235AB-D-IM	

Related Products

<p>SI8235AB-D-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: DUAL ISOLATED GATE DRIVER In stock: 36658 pcs RFQ</p>	<p>SI8235AB-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 5247 pcs RFQ</p>
<p>SI8235AB-C-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 3246 pcs RFQ</p>	<p>SI8235AB-D-IM1R Manufacturers: Energy Micro (Silicon Labs) Description: DUAL ISOLATED GATE DRIVER In stock: 51006 pcs RFQ</p>
<p>SI8235AB-D-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 52984 pcs RFQ</p>	<p>SI8235AB-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 5666 pcs RFQ</p>
<p>SI8235AB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 42556 pcs RFQ</p>	<p>SI8235AB-C-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 6155 pcs RFQ</p>
<p>SI8235AB-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 3615 pcs RFQ</p>	<p>SI8235AB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 39478 pcs RFQ</p>
<p>SI8235AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 44361 pcs RFQ</p>	<p>SI8235AB-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 3594 pcs RFQ</p>