



Energy Micro (Silicon Labs)

SI8234AB-D-IM1

Part Number: SI8234AB-D-IM1

Manufacturer/Brand: Energy Micro (Silicon Labs)

Product description: ISOLATED GATE DRIVER

Datasheets: [SI8234AB-D-IM1.pdf](#)RoHS Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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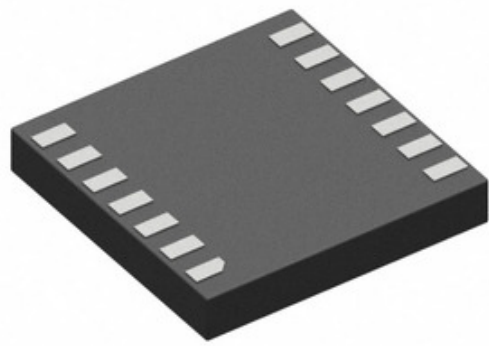


Image may be representation. See specifications for product details.

REQUEST FOR QUOTATION




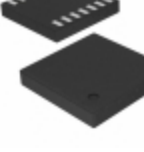

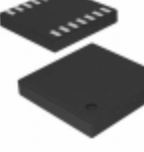
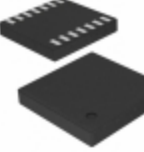
Specifications of SI8234AB-D-IM1

PART NUMBER	SI8234AB-D-IM1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	ISOLATED GATE DRIVER
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	SI8234AB-D-IM1.pdf
VOLTAGE - SUPPLY	6.5 V ~ 24 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	12ns, 12ns
PULSE WIDTH DISTORTION (MAX)	5.6ns
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 60ns
PACKAGING	Tube
PACKAGE / CASE	14-VDFN
OTHER NAMES	336-4266
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4A Gate Driver Capacitive Coupling 2500Vrms 2 Channel
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) SI8234AB-D-IM1	SI8234AB-D-IM1 Distributor	SI8234AB-D-IM1 Supplier
SI8234AB-D-IM1 Price	SI8234AB-D-IM1 Pictures	SI8234AB-D-IM1 Image
SI8234AB-D-IM1 PDF Datasheet	SI8234AB-D-IM1 Download Datasheet	SI8234AB-D-IM1 Datasheet
SI8234AB-D-IM1 Stock	Buy SI8234AB-D-IM1	Buy Energy Micro (Silicon Labs) SI8234AB-D-IM1
Energy Micro (Silicon Labs) SI8234AB-D-IM1	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8234AB-D-IM1	Energy Micro SI8234AB-D-IM1	Energy Micro (Silicon Labs) SI8234AB-D-IM1
Silicon Laboratories SI8234AB-D-IM1	Silicon Labs SI8234AB-D-IM1	

Related Products

 <p>SI8234AB-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8234AB-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>
 <p>SI8234AB-C-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8234AB-D-IM1R Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER In stock: Out stock RFQ</p>
 <p>SI8234AB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8234AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 371 pcs RFQ</p>
 <p>SI8234AB-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock RFQ</p>	 <p>SI8234AB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>
 <p>SI8234AB-C-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock RFQ</p>	 <p>SI8234AB-D-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 60 pcs RFQ</p>
 <p>SI8234AB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 8 pcs RFQ</p>	 <p>SI8234AB-D-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock RFQ</p>