





Energy Micro (Silicon Labs)




Image may be representation. See specifications for product details.

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
Stock Condition	40759 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

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
QUANTITY AVAILABLE	40759 pcs
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)
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
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Related Products

 <div>SI8234AB-D-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 48931 pcs <div>RFQ</div></div>	 <div>SI8234AB-D-IM1R Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER In stock: 41041 pcs <div>RFQ</div></div>
 <div>SI8234AB-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 45501 pcs <div>RFQ</div></div>	 <div>SI8234AB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 41085 pcs <div>RFQ</div></div>
 <div>SI8234AB-C-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 6411 pcs <div>RFQ</div></div>	 <div>SI8234AB-D-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 34440 pcs <div>RFQ</div></div>
 <div>SI8234AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 39640 pcs <div>RFQ</div></div>	 <div>SI8234AB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 43415 pcs <div>RFQ</div></div>
 <div>SI8234AB-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 3838 pcs <div>RFQ</div></div>	 <div>SI8234AB-C-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 6374 pcs <div>RFQ</div></div>
 <div>SI8234AB-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 3673 pcs <div>RFQ</div></div>	 <div>SI8234AB-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 4241 pcs <div>RFQ</div></div>