





Energy Micro (Silicon Labs)




SI8234AB-D-IM1R

Part Number:	SI8234AB-D-IM1R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	ISOLATED GATE DRIVER
Datasheets:	 SI8234AB-D-IM1R.pdf
RoHs Status	 Lead free / RoHS Compliant
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 SI8234AB-D-IM1R

PART NUMBER	SI8234AB-D-IM1R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	ISOLATED GATE DRIVER
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8234AB-D-IM1R.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	Tape & Reel (TR)
PACKAGE / CASE	14-VDFN
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-IM1R	SI8234AB-D-IM1R Distributor	SI8234AB-D-IM1R Supplier
SI8234AB-D-IM1R Price	SI8234AB-D-IM1R Pictures	SI8234AB-D-IM1R Image
SI8234AB-D-IM1R PDF Datasheet	SI8234AB-D-IM1R Download Datasheet	SI8234AB-D-IM1R Datasheet
SI8234AB-D-IM1R Stock	Buy SI8234AB-D-IM1R	Buy Energy Micro (Silicon Labs) SI8234AB-D-IM1R
Energy Micro (Silicon Labs) SI8234AB-D-IM1R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8234AB-D-IM1R	Energy Micro SI8234AB-D-IM1R	Energy Micro (Silicon Labs) SI8234AB-D-IM1R
Silicon Laboratories SI8234AB-D-IM1R	Silicon Labs SI8234AB-D-IM1R	

Related Products

<div><div><b>SI8234AB-D-IM</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 60 pcs <div>RFQ</div></div></div>	<div><div><b>SI8234AB-D-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 371 pcs <div>RFQ</div></div></div>
<div><div><b>SI8234AB-C-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock <div>RFQ</div></div></div>	<div><div><b>SI8234AB-D-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock <div>RFQ</div></div></div>
<div><div><b>SI8234AB-C-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock <div>RFQ</div></div></div>	<div><div><b>SI8234AB-D-IM1</b> Manufacturers: Energy Micro (Silicon Labs) Description: ISOLATED GATE DRIVER In stock: 62 pcs <div>RFQ</div></div></div>
<div><div><b>SI8234AB-D-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock <div>RFQ</div></div></div>	<div><div><b>SI8234AB-D-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 8 pcs <div>RFQ</div></div></div>
<div><div><b>SI8234AB-C-IS1R</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock <div>RFQ</div></div></div>	<div><div><b>SI8234AD-C-IS</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: Out stock <div>RFQ</div></div></div>
<div><div><b>SI8234AB-D-IMR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock <div>RFQ</div></div></div>	<div><div><b>SI8234AB-C-IS1</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock <div>RFQ</div></div></div>