




Energy Micro (Silicon Labs)

## SI8233CB-D-IMR

Part Number:	SI8233CB-D-IMR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GATE DRIVER 14LGA
Datasheets:	<a href="#">PDF SI8233CB-D-IMR.pdf</a>
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 SI8233CB-D-IMR

PART NUMBER	SI8233CB-D-IMR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRIVER 14LGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF SI8233CB-D-IMR.pdf</a>
VOLTAGE - SUPPLY	12.2 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	Tape & Reel (TR)
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)
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 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

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### Related Products

 <p><b>SI8233CB-C-IMR</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRIVER 14LGA          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>SI8233BD-D-IS3</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: ISOLATED GATE DRIVER, 8 MM CREEP          In stock: 37 pcs  <a href="#">RFQ</a></p>
 <p><b>SI8234AB-C-IS</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRVR 16SOIC          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>SI8234AB-C-IMR</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRIVER 14LGA          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>SI8234AB-C-IS1</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRVR 16SOIC          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>SI8233BD-D-ISR</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>SI8234AB-C-IM</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRIVER 14LGA          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>SI8233CB-C-IM</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRIVER 14LGA          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>SI8234AB-C-ISR</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRVR 16SOIC          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>SI8233CB-D-IM</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRIVER 14LGA          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>SI8233BD-D-IS3R</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: ISOLATED GATE DRIVER, 8 MM CREEP          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>SI8234AB-C-IS1R</b>          Manufacturers: Energy Micro (Silicon Labs)          Description: DGTL ISO 2.5KV GATE DRVR 16SOIC          In stock: Out stock  <a href="#">RFQ</a></p>