



Energy Micro (Silicon Labs)

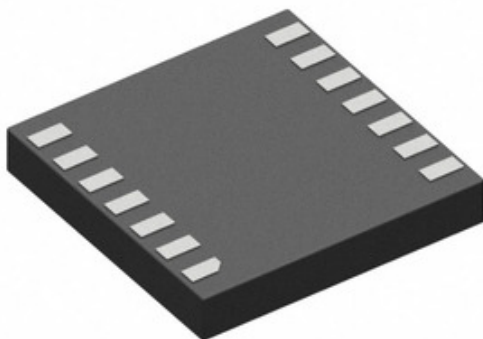


Image may be representation. See specifications for product details.

SI8275AB-IM1R

Part Number:	SI8275AB-IM1R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GATE DRVR 14LGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6406 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

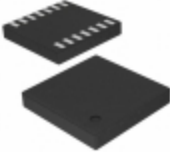
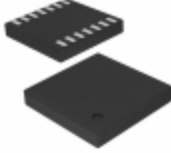
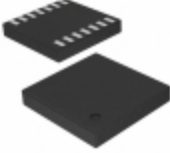
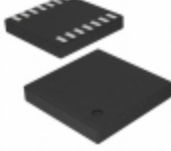
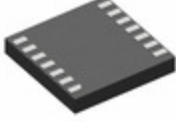
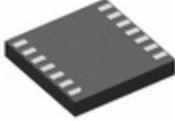
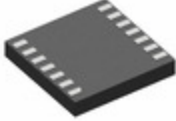
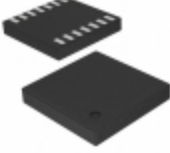
Specifications of SI8275AB-IM1R

PART NUMBER	SI8275AB-IM1R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRVR 14LGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6406 pcs
DATA SHEET	
VOLTAGE - SUPPLY	4.2 V ~ 30 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	14-QFN (5x5)
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	10.5ns, 13.3ns
PULSE WIDTH DISTORTION (MAX)	8ns
PROPAGATION DELAY TPLH / TPHL (MAX)	75ns, 75ns
PACKAGE / CASE	14-VDFN
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-QFN (5x5)
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	1.8A, 4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	200kV/μs
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8275AB-IM1R	SI8275AB-IM1R Distributor	SI8275AB-IM1R Supplier
SI8275AB-IM1R Price	SI8275AB-IM1R Pictures	SI8275AB-IM1R Image
SI8275AB-IM1R PDF Datasheet	SI8275AB-IM1R Download Datasheet	SI8275AB-IM1R Datasheet
SI8275AB-IM1R Stock	Buy SI8275AB-IM1R	Buy Energy Micro (Silicon Labs) SI8275AB-IM1R
Energy Micro (Silicon Labs) SI8275AB-IM1R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8275AB-IM1R	Silicon Labs SI8275AB-IM1R	

Related Products

 SI8275GB-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 36865 pcs RFQ	 SI8275ABD-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 33023 pcs RFQ
 SI8275AB-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 14LGA In stock: 37694 pcs RFQ	 SI8275AB-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 37351 pcs RFQ
 SI8274GB4D-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 14LGA In stock: 42768 pcs RFQ	 SI8275AB-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 7084 pcs RFQ
 SI8275ABD-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 4287 pcs RFQ	 SI8275ABD-IM1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 14LGA In stock: 3748 pcs RFQ
 SI8274GB4D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 44674 pcs RFQ	 SI8275ABD-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 14LGA In stock: 40416 pcs RFQ
 SI8274ISO-KIT Manufacturers: Energy Micro (Silicon Labs) Description: SI8274/71 EVAL KIT In stock: 3911 pcs RFQ	 SI8274GB4D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 34208 pcs RFQ