




Energy Micro (Silicon Labs)



SI8274AB1-IM1R

Part Number:	SI8274AB1-IM1R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GATE DRVR 14LGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8274AB1-IM1R

PART NUMBER	SI8274AB1-IM1R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRVR 14LGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
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)	19ns
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) SI8274AB1-IM1R	SI8274AB1-IM1R Distributor	SI8274AB1-IM1R Supplier
SI8274AB1-IM1R Price	SI8274AB1-IM1R Pictures	SI8274AB1-IM1R Image
SI8274AB1-IM1R PDF Datasheet	SI8274AB1-IM1R Download Datasheet	SI8274AB1-IM1R Datasheet
SI8274AB1-IM1R Stock	Buy SI8274AB1-IM1R	Buy Energy Micro (Silicon Labs) SI8274AB1-IM1R
Energy Micro (Silicon Labs) SI8274AB1-IM1R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8274AB1-IM1R	Energy Micro SI8274AB1-IM1R	Energy Micro (Silicon Labs) SI8274AB1-IM1R
Silicon Laboratories SI8274AB1-IM1R	Silicon Labs SI8274AB1-IM1R	

Related Products



SI8274AB1-IM1

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRIVER 14LGA

In stock: Out stock

RFQ



SI8274AB1-IS1

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRVR 16SOIC

In stock: Out stock

RFQ



SI8274AB4D-IM1R

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRVR 14LGA

In stock: Out stock

RFQ



SI8273GBD-IS1

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRVR 16SOIC

In stock: 151 pcs

RFQ



SI8274AB4D-IM

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRIVER 14LGA

In stock: 92 pcs

RFQ



SI8274AB1-IMR

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRVR 14LGA

In stock: Out stock

RFQ



SI8274AB1-IS1R

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRVR 16SOIC

In stock: Out stock

RFQ



SI8273GBD-IS1R

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRVR 16SOIC

In stock: Out stock

RFQ



SI8273ISO-KIT

Manufacturers: Energy Micro (Silicon Labs)

Description: SI8273/71 EVAL KIT

In stock: 15 pcs

RFQ



SI8274AB1-IM

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRIVER 14LGA

In stock: Out stock

RFQ



SI8273GB-IS1R

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRVR 16SOIC

In stock: Out stock

RFQ



SI8274AB4D-IM1

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 2.5KV GATE DRIVER 14LGA

In stock: Out stock

RFQ