




Energy Micro (Silicon Labs)

SI8274AB1-IS1

Part Number:	SI8274AB1-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 2.5KV GATE DRVR 16SOIC
Datasheets:	SI8274AB1-IS1.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of SI8274AB1-IS1

PART NUMBER	SI8274AB1-IS1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRVR 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	SI8274AB1-IS1.pdf
VOLTAGE - SUPPLY	4.6 V ~ 30 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	10.5ns, 13.3ns
PULSE WIDTH DISTORTION (MAX)	19ns
PROPAGATION DELAY TPLH / TPHL (MAX)	75ns, 60ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-3542-5
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
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 16-SOIC
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	1.8A, 4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	150kV/μs
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8274AB1-IS1	SI8274AB1-IS1 Distributor	SI8274AB1-IS1 Supplier
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Related Products

 <p>SI8274AB1-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock</p> <p>RFQ</p>	 <p>SI8273GBD-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock</p> <p>RFQ</p>
 <p>SI8274AB4D-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 14LGA In stock: Out stock</p> <p>RFQ</p>	 <p>SI8274AB4D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 559 pcs</p> <p>RFQ</p>
 <p>SI8274AB1-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: Out stock</p> <p>RFQ</p>	 <p>SI8274AB4D-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock</p> <p>RFQ</p>
 <p>SI8274AB1-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: Out stock</p> <p>RFQ</p>	 <p>SI8273ISO-KIT Manufacturers: Energy Micro (Silicon Labs) Description: SI8273/71 EVAL KIT In stock: 15 pcs</p> <p>RFQ</p>
 <p>SI8274AB4D-IM1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 14LGA In stock: Out stock</p> <p>RFQ</p>	 <p>SI8274AB4D-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 92 pcs</p> <p>RFQ</p>
 <p>SI8274AB1-IM1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 14LGA In stock: Out stock</p> <p>RFQ</p>	 <p>SI8274AB1-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 14LGA In stock: Out stock</p> <p>RFQ</p>