



Image may be representation.
See specifications for product details.

SI8234AB-D-IS1

Part Number: **SI8234AB-D-IS1**
 Product Description: DGTL ISO 2.5KV GATE DRVR 16SOIC
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [SI8234AB-D-IS1.pdf](#)

Manufacturer/Brand: Energy Micro (Silicon Labs)
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Product details

Part Number	SI8234AB-D-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	SI8234AB-D-IS1.pdf		
Voltage - Supply	6.5 V ~ 24 V	Voltage - Isolation	2500Vrms
Voltage - Forward (Vf) (Typ)	-	Technology	Capacitive Coupling
Supplier Device Package	16-SOIC	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	Tube
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	336-4689 SI8234AB-D-IS1-ND
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	2A, 4A	Common Mode Transient Immunity (Min)	20kV/μs
Approvals	CQC, CSA, UR, VDE		

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