



Image may be representation.
See specifications for product details.

SI8230BB-D-ISR

Part Number: **SI8230BB-D-ISR**
 Product Description: DGTL ISO 2.5KV GATE DRVR 16SOIC
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [SI8230BB-D-ISR.pdf](#)

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

[SUBMIT RFQ](#)

Product details

Part Number	SI8230BB-D-ISR	Manufacturer	Energy Micro (Silicon Labs)
Description	DGTL ISO 2.5KV GATE DRVR 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	SI8230BB-D-ISR.pdf		
Voltage - Supply	9.4 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)	20ns, 20ns (Max)	Pulse Width Distortion (Max)	5.6ns
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.295", 7.50mm Width)	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	500mA Gate Driver Capacitive Coupling 2500Vrms 2 Channel 16-SOIC
Current - Peak Output	500mA	Current - Output High, Low	250mA, 500mA
Common Mode Transient Immunity (Min)	20kV/μs	Approvals	CQC, CSA, UR, VDE

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