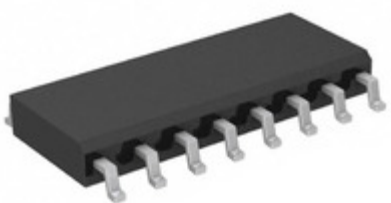


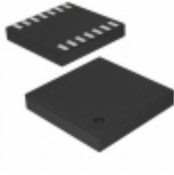


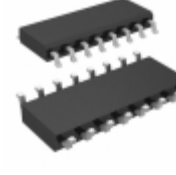
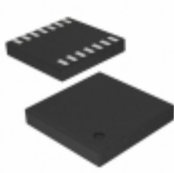



	SI8237AB-D-IS1R
	Manufacturer Part Number: SI8237AB-D-IS1R
	Manufacturer/Brand: Energy Micro (Silicon Labs)
	Part of Description: DGTL ISO 2.5KV GATE DRVR 16SOIC
Datasheets:  SI8237AB-D-IS1R.pdf	RoHs Status:  Lead free / RoHS
Stock Condition: Compliant New original, Stock Available.	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	SI8237AB-D-IS1R
Manufacturer	Energy Micro (Silicon Labs)
Description	DGTL ISO 2.5KV GATE DRVR 16SOIC
Category	Isolators > Isolators - Gate Drivers
Part Status	Require For Quote & Check Stock
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)	20ns, 20ns (Max)
Pulse Width Distortion (Max)	5.6ns
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 125°C
Number of Channels	2
Mounting Type	Surface Mount
Current - Peak Output	500mA
Current - Output High, Low	250mA, 500mA
Current - DC Forward (If) (Max)	-
Common Mode Transient Immunity (Min)	20kV/μs
Approvals	CQC, CSA, UR, VDE

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 SI8236BB-D-IMR Energy Micro (Silicon Labs) DGTL ISO 1KV 2CH GATE DRVR 14LGA	 SI8237AB-D-IS1 Silicon Labs DGTL ISO 2.5KV GATE DRVR 16SOIC	 SI8237AB-B-IS1 Silicon Labs DGTL ISO 2.5KV GATE DRVR 16SOIC	 SI8237AB-B-IS1R Silicon Labs DGTL ISO 2.5KV GATE DRVR 16SOIC

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SI8237AB-D-IS1R Price	SI8237AB-D-IS1R Manufacturer	SI8237AB-D-IS1R Picture	SI8237AB-D-IS1R Stock	SI8237AB-D-IS1R Inventory
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