

DGD21814S14-13



Part Number: [DGD21814S14-13](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC GATE DRVr HALF-BRIDGE 14SO

Data sheet:  [DGD21814](#)

RoHs Status: Lead free / RoHS Compliant

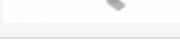
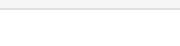
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	DGD21814S14-13	Manufacturer	Diodes Incorporated
Description	IC GATE DRVr HALF-BRIDGE 14SO	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77844 pcs	Data sheet	DGD21814
Category	Integrated Circuits (ICs)	Voltage - Supply	10 V ~ 20 V
Supplier Device Package	14-SO	Series	-
Rise / Fall Time (Typ)	40ns, 20ns	Packaging	Tape & Reel (TR)
Package / Case	14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Drivers	2	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	14 Weeks
Logic Voltage - VIL, VIH	0.8V, 2.5V	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Non-Inverting	High Side Voltage - Max (Bootstrap)	600V
Gate Type	IGBT, N-Channel MOSFET	Driven Configuration	Half-Bridge
Detailed Description	Half-Bridge Gate Driver IC Non-Inverting 14-SO	Current - Peak Output (Source, Sink)	1.9A, 2.3A
Channel Type	Independent		
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RELATED PRODUCTS			
	Part#: DGD21064S14-13 Description: IC GATE DRVr HALF-BRIDGE 14SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD21084S14-13 Description: IC GATE DRVr HALF-BRIDGE 14SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD2106MS8-13 Description: HV GATE DRIVER SO-8 T&R 2.5K	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD21904MS14-13 Description: HV GATE DRIVER SO-14 T&R 2.5K	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD2304S8-13 Description: IC GATE DRVr HV SO8	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD2108S8-13 Description: IC GATE DRVr HALF-BRIDGE 8SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD2190MS8-13 Description: HV GATE DRIVER SO-8 T&R 2.5K	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD2136S28-13 Description: HV GATE DRIVER SO-28	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD21064MS14-13 Description: HV GATE DRIVER SO-14 T&R 2.5K	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD2118S8-13 Description: IC GATE DRVr HIGH SIDE 8SO	Manufacturers: Diodes Incorporated	RFQ
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	Part#: DGD2106S8-13 Description: IC GATE DRVr HALF-BRIDGE 8SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD2117S8-13 Description: IC GATE DRVr HIGH SIDE 8SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: DGD21904S14-13 Description: IC GATE DRVr HALF-BRIDGE 14SO	Manufacturers: Diodes Incorporated	RFQ

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