





Diodes Incorporated




DGD21844S14-13

Part Number:	DGD21844S14-13
Manufacturer/Brand:	Diodes Incorporated
Product description	IC GATE DRVR HALF-BRIDGE 14SO
Datasheets:	 DGD21844S14-13.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	85296 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of DGD21844S14-13

PART NUMBER	DGD21844S14-13
MANUFACTURER	Diodes Incorporated
DESCRIPTION	IC GATE DRVR HALF-BRIDGE 14SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	85296 pcs
DATA SHEET	 DGD21844S14-13.pdf
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)
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)	1.4A, 1.8A
CHANNEL TYPE	Synchronous

Related Tags

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Related Products

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<div><div>DGD2113S16-13<p>Manufacturers: Diodes Incorporated Description: IC GATE DRVR HALF-BRIDGE 16SO In stock: 32306 pcs</p><div>RFQ</div></div></div>	<div><div>DGD2304S8-13<p>Manufacturers: Diodes Incorporated Description: IC GATE DRVR HV SO8 In stock: 203357 pcs</p><div>RFQ</div></div></div>
<div><div>DGD2181S8-13<p>Manufacturers: Diodes Incorporated Description: IC GATE DRVR HALF-BRIDGE 8SO In stock: 66879 pcs</p><div>RFQ</div></div></div>	<div><div>DGD2184S8-13<p>Manufacturers: Diodes Incorporated Description: IC GATE DRVR HALF-BRIDGE 8SO In stock: 109053 pcs</p><div>RFQ</div></div></div>
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<div><div>DGD21904MS14-13<p>Manufacturers: Diodes Incorporated Description: HV GATE DRIVER SO-14 T&R 2.5K In stock: 94587 pcs</p><div>RFQ</div></div></div>	<div><div>DGD21814S14-13<p>Manufacturers: Diodes Incorporated Description: IC GATE DRVR HALF-BRIDGE 14SO In stock: 62017 pcs</p><div>RFQ</div></div></div>