

DGD0590FU-7 Information


For Reference Only

Part Number [DGD0590FU-7](#)
Manufacturer Diodes Incorporated
Category Integrated Circuits (ICs)
[PMIC - Gate Drivers](#)
Description IC GATE DRV HALFBRD QFN3030-8 3K
Package 8-VQFN Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


DGD0590FU-7 Specifications

| | |
|--------------------------------------|--|
| Manufacturer Part Number | DGD0590FU-7 |
| Manufacturer | Diodes Incorporated |
| Category | Integrated Circuits (ICs) PMIC - Gate Drivers |
| Package | 8-VQFN Exposed Pad |
| Series | - |
| Driven Configuration | Half-Bridge |
| Channel Type | Independent |
| Number of Drivers | 2 |
| Gate Type | N-Channel MOSFET |
| Voltage - Supply | 4.5V ~ 5.5V |
| Logic Voltage - VIL, VIH | 1V, 3.3V |
| Current - Peak Output (Source, Sink) | 1A, 3A |
| Input Type | Non-Inverting |
| High Side Voltage - Max (Bootstrap) | 50V |
| Rise / Fall Time (Typ) | 27ns, 29ns |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 8-VQFN Exposed Pad |
| Supplier Device Package | V-QFN3030-8 |

[Report errors?](#)

DGD0590FU-7 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

DGD0590FU-7 Payment Methods



DGD0590FU-7 Shipping Methods



If you have any question about DGD0590FU-7, please do not hesitate to contact us!

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