

**DMC3016LDV-7 Information**


For Reference Only

**Part Number** [DMC3016LDV-7](#)  
**Manufacturer** Diodes Incorporated  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET BVDSS: 31V 40V POWERDI333  
**Package** 8-PowerVDFN  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**DMC3016LDV-7 Specifications**

Manufacturer Part Number	<a href="#">DMC3016LDV-7</a>
Manufacturer	Diodes Incorporated
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	8-PowerVDFN
Series	Automotive, AEC-Q101
FET Type	N and P-Channel Complementary
FET Feature	Standard
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	21A (Tc), 15A (Tc)
Rds On (Max) @ Id, Vgs	12 mOhm @ 7A, 10V, 25 mOhm @ 7A, 10V
Vgs(th) (Max) @ Id	2.4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	9.5nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1184pF @ 15V, 1188pF @ 15V
Power - Max	900mW (Ta)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-PowerVDFN
Supplier Device Package	PowerDI3333-8

[Report errors?](#)

## DMC3016LDV-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.

## DMC3016LDV-7 Payment Methods



## DMC3016LDV-7 Shipping Methods



If you have any question about DMC3016LDV-7, please do not hesitate to contact us!

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