

**FDG327NZ Information**


For Reference Only

**Part Number** [FDG327NZ](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 20V 1.5A SC70-6  
**Package** 6-TSSOP, SC-88, SOT-363  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**FDG327NZ Specifications**

Manufacturer Part Number	<a href="#">FDG327NZ</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	6-TSSOP, SC-88, SOT-363
Series	PowerTrench?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>ds</sub> )	20V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	1.5A (Ta)
Drive Voltage (Max R <sub>ds</sub> On, Min R <sub>ds</sub> On)	1.8V, 4.5V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	1.5V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	6nC @ 4.5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	412pF @ 10V
V <sub>gs</sub> (Max)	±8V
FET Feature	-
Power Dissipation (Max)	420mW (Ta)
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	90 mOhm @ 1.5A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SC-70-6
Package / Case	6-TSSOP, SC-88, SOT-363

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## FDG327NZ 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.

## FDG327NZ Payment Methods



## FDG327NZ Shipping Methods



If you have any question about FDG327NZ, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)