

NTGD3147FT1G Information


For Reference Only

Part Number [NTGD3147FT1G](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 20V 2.2A 6-TSOP
Package SOT-23-6
 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.


NTGD3147FT1G Specifications

Manufacturer Part Number	NTGD3147FT1G
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-23-6
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	20V
Current - Continuous Drain (I _d) @ 25°C	2.2A (Ta)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	2.5V, 4.5V
V _{gs} (th) (Max) @ I _d	1.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	5.5nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	400pF @ 10V
V _{gs} (Max)	±12V
FET Feature	Schottky Diode (Isolated)
Power Dissipation (Max)	1W (Ta)
R _{ds} On (Max) @ I _d , V _{gs}	145 mOhm @ 2.2A, 4.5V
Operating Temperature	-25°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-TSOP
Package / Case	SOT-23-6

[Report errors?](#)

NTGD3147FT1G 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.

NTGD3147FT1G Payment Methods



NTGD3147FT1G Shipping Methods



If you have any question about NTGD3147FT1G, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com