

APT36N90BC3G Information


For Reference Only

Part Number [APT36N90BC3G](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 900V 36A TO-247
Package TO-247-3
 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.


APT36N90BC3G Specifications

Manufacturer Part Number	APT36N90BC3G
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	CoolMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	900V
Current - Continuous Drain (I _d) @ 25°C	36A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	3.5V @ 2.9mA
Gate Charge (Q _g) (Max) @ V _{gs}	252nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	7463pF @ 25V
V _{gs} (Max)	±20V
FET Feature	Super Junction
Power Dissipation (Max)	390W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	120 mOhm @ 18A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	TO-247 [B]
Package / Case	TO-247-3

[Report errors?](#)

APT36N90BC3G 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.

APT36N90BC3G Payment Methods



APT36N90BC3G Shipping Methods



If you have any question about APT36N90BC3G, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com