

APT47N65BC3G Information


For Reference Only

Part Number [APT47N65BC3G](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 650V 47A 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


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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.


APT47N65BC3G Specifications

Manufacturer Part Number	APT47N65BC3G
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 (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	47A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.9V @ 2.7mA
Gate Charge (Qg) (Max) @ Vgs	260nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7015pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	417W (Tc)
Rds On (Max) @ Id, Vgs	70 mOhm @ 30A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247 [B]
Package / Case	TO-247-3

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APT47N65BC3G 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.

APT47N65BC3G Payment Methods



APT47N65BC3G Shipping Methods



If you have any question about APT47N65BC3G, please do not hesitate to contact us!

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