

APT38N60BC6 Information


For Reference Only

Part Number [APT38N60BC6](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 600V 38A 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.


APT38N60BC6 Specifications

Manufacturer Part Number	APT38N60BC6
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)	600V
Current - Continuous Drain (Id) @ 25°C	38A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 1.2mA
Gate Charge (Qg) (Max) @ Vgs	112nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2826pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	278W (Tc)
Rds On (Max) @ Id, Vgs	99 mOhm @ 18A, 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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APT38N60BC6 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.

APT38N60BC6 Payment Methods



APT38N60BC6 Shipping Methods



If you have any question about APT38N60BC6, please do not hesitate to contact us!

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