

APT43F60B2 Information


For Reference Only

Part Number [APT43F60B2](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 600V 45A T-MAX
Package TO-247-3 Variant
 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.


APT43F60B2 Specifications

Manufacturer Part Number	APT43F60B2
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3 Variant
Series	POWER MOS 8?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	600V
Current - Continuous Drain (I _d) @ 25°C	45A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	10V
V _{gs(th)} (Max) @ I _d	5V @ 2.5mA
Gate Charge (Q _g) (Max) @ V _{gs}	215nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	8590pF @ 25V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	780W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	150 mOhm @ 21A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	T-MAX? [B2]
Package / Case	TO-247-3 Variant

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APT43F60B2 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.

APT43F60B2 Payment Methods



APT43F60B2 Shipping Methods



If you have any question about APT43F60B2, please do not hesitate to contact us!

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