

APT40SM120B Information


For Reference Only

Part Number [APT40SM120B](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1200V 41A TO247
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.


APT40SM120B Specifications

Manufacturer Part Number	APT40SM120B
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-247-3
Series	-
FET Type	N-Channel
Technology	SiCFET (Silicon Carbide)
Drain to Source Voltage (Vdss)	1200V
Current - Continuous Drain (Id) @ 25°C	41A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	20V
Vgs(th) (Max) @ Id	3V @ 1mA (Typ)
Gate Charge (Qg) (Max) @ Vgs	130nC @ 20V
Input Capacitance (Ciss) (Max) @ Vds	2560pF @ 1000V
Vgs (Max)	+25V, -10V
FET Feature	-
Power Dissipation (Max)	273W (Tc)
Rds On (Max) @ Id, Vgs	100 mOhm @ 20A, 20V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-247
Package / Case	TO-247-3

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APT40SM120B 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.

APT40SM120B Payment Methods



APT40SM120B Shipping Methods



If you have any question about APT40SM120B, please do not hesitate to contact us!

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