

APT40M42JN Information


For Reference Only

Part Number [APT40M42JN](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 400V 86A ISOTOP
Package SOT-227-4, miniBLOC
 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.


APT40M42JN Specifications

Manufacturer Part Number	APT40M42JN
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-227-4, miniBLOC
Series	POWER MOS IV?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	400V
Current - Continuous Drain (Id) @ 25°C	86A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4V @ 5mA
Gate Charge (Qg) (Max) @ Vgs	760nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	14000pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	690W (Tc)
Rds On (Max) @ Id, Vgs	42 mOhm @ 43A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Chassis Mount
Supplier Device Package	ISOTOP?
Package / Case	SOT-227-4, miniBLOC

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APT40M42JN 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.

APT40M42JN Payment Methods



APT40M42JN Shipping Methods



If you have any question about APT40M42JN, please do not hesitate to contact us!

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