

APT40GP90BG Information


For Reference Only

Part Number [APT40GP90BG](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 900V 100A 543W TO247
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


APT40GP90BG Specifications

Manufacturer Part Number	APT40GP90BG
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	POWER MOS 7?
IGBT Type	PT
Voltage - Collector Emitter Breakdown (Max)	900V
Current - Collector (Ic) (Max)	100A
Current - Collector Pulsed (Icm)	160A
Vce(on) (Max) @ Vge, Ic	3.9V @ 15V, 40A
Power - Max	543W
Switching Energy	825µJ (off)
Input Type	Standard
Gate Charge	145nC
Td (on/off) @ 25°C	16ns/75ns
Test Condition	600V, 40A, 5 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247 [B]

[Report errors?](#)

APT40GP90BG 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.

APT40GP90BG Payment Methods



APT40GP90BG Shipping Methods



If you have any question about APT40GP90BG, please do not hesitate to contact us!

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