

APT85GR120B2 Information


For Reference Only

Part Number [APT85GR120B2](#)
Manufacturer Microsemi Corporation
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 1200V 170A 962W 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.


APT85GR120B2 Specifications

Manufacturer Part Number	APT85GR120B2
Manufacturer	Microsemi Corporation
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-247-3
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	170A
Current - Collector Pulsed (Icm)	340A
Vce(on) (Max) @ Vge, Ic	3.2V @ 15V, 85A
Power - Max	962W
Switching Energy	6mJ (on), 3.8mJ (off)
Input Type	Standard
Gate Charge	660nC
Td (on/off) @ 25°C	43ns/300ns
Test Condition	600V, 85A, 4.3 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	T-MAX?

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APT85GR120B2 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.

APT85GR120B2 Payment Methods



APT85GR120B2 Shipping Methods



If you have any question about APT85GR120B2, please do not hesitate to contact us!

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