

IRG4BC40K Information


For Reference Only

Part Number [IRG4BC40K](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 42A 160W TO220AB
Package TO-220-3
 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.


IRG4BC40K Specifications

Manufacturer Part Number	IRG4BC40K
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3
Series	-
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	42A
Current - Collector Pulsed (Icm)	84A
Vce(on) (Max) @ Vge, Ic	2.6V @ 15V, 25A
Power - Max	160W
Switching Energy	620µJ (on), 330µJ (off)
Input Type	Standard
Gate Charge	120nC
Td (on/off) @ 25°C	30ns/140ns
Test Condition	480V, 25A, 10 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3
Supplier Device Package	TO-220AB

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IRG4BC40K 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.

IRG4BC40K Payment Methods



IRG4BC40K Shipping Methods



If you have any question about IRG4BC40K, please do not hesitate to contact us!

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