

HGTP12N60A4D Information


For Reference Only

Part Number [HGTP12N60A4D](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 54A 167W 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.


HGTP12N60A4D Specifications

Manufacturer Part Number	HGTP12N60A4D
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-220-3
Series	-
IGBT Type	-
Voltage - Collector Emitter Breakdown (Max)	600V
Current - Collector (Ic) (Max)	54A
Current - Collector Pulsed (Icm)	96A
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 12A
Power - Max	167W
Switching Energy	55μJ (on), 50μJ (off)
Input Type	Standard
Gate Charge	78nC
Td (on/off) @ 25°C	17ns/96ns
Test Condition	390V, 12A, 10 Ohm, 15V
Reverse Recovery Time (trr)	30ns
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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HGTP12N60A4D 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.

HGTP12N60A4D Payment Methods



HGTP12N60A4D Shipping Methods



If you have any question about HGTP12N60A4D, please do not hesitate to contact us!

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