

HGT1S12N60A4DS Information



For Reference Only

Part Number [HGT1S12N60A4DS](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - IGBTs - Single](#)
Description IGBT 600V 54A 167W D2PAK
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
 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.



HGT1S12N60A4DS Specifications

Manufacturer Part Number	HGT1S12N60A4DS
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - IGBTs - Single
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
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	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	TO-263AB

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HGT1S12N60A4DS 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.

HGT1S12N60A4DS Payment Methods



HGT1S12N60A4DS Shipping Methods



If you have any question about HGT1S12N60A4DS, please do not hesitate to contact us!

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