

**HGTD1N120BNS9A Information**


For Reference Only

**Part Number** [HGTD1N120BNS9A](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - IGBTs - Single](#)  
**Description** IGBT 1200V 5.3A 60W TO252AA  
**Package** TO-252-3, DPak (2 Leads + Tab), SC-63  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**HGTD1N120BNS9A Specifications**

Manufacturer Part Number	<a href="#">HGTD1N120BNS9A</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - IGBTs - Single</a>
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
IGBT Type	NPT
Voltage - Collector Emitter Breakdown (Max)	1200V
Current - Collector (Ic) (Max)	5.3A
Current - Collector Pulsed (Icm)	6A
Vce(on) (Max) @ Vge, Ic	2.9V @ 15V, 1A
Power - Max	60W
Switching Energy	70μJ (on), 90μJ (off)
Input Type	Standard
Gate Charge	14nC
Td (on/off) @ 25°C	15ns/67ns
Test Condition	960V, 1A, 82 Ohm, 15V
Reverse Recovery Time (trr)	-
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	TO-252AA

[Report errors?](#)

## HGTD1N120BNS9A 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.

## HGTD1N120BNS9A Payment Methods



## HGTD1N120BNS9A Shipping Methods



If you have any question about HGTD1N120BNS9A, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)