



STGD5NB120SZT4 Information



For Reference Only

Part Number STGD5NB120SZT4 **Manufacturer** STMicroelectronics

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 1200V 10A 75W DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com

For the pricing/inventory/lead time, please contact



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Certified Quality

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STGD5NB120SZT4 Specifications

Manufacturer Part Number STGD5NB120SZT4 Manufacturer STMicroelectronics Category Discrete Semiconductor Products Transistors - IGBTs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series PowerMESH? IGBT Type - Voltage - Collector Emitter Breakdown (Max) 1200V Current - Collector (Ic) (Max) 10A Current - Collector Pulsed (Icm) 10A Vce(on) (Max) @ Vge, Ic 2V @ 15V, 5A Power - Max 75W Switching Energy 2.59mJ (on), 9mJ (off) Input Type Standard Gate Charge - Test Condition 960V, 5A, 1 kOhm, 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 D-Pak		
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Input Type Gate Charge - Td (on/off) @ 25°C 690ns/12.1µs Test Condition 960V, 5A, 1 kOhm, 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	Power - Max	75W
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Test Condition 960V, 5A, 1 kOhm, 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 D-Pak	Gate Charge	-
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 D-Pak	Td (on/off) @ 25°C	690ns/12.1µs
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Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package D-Pak	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	D-Pak
		Report errors?

STGD5NB120SZT4 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.

STGD5NB120SZT4 Payment Methods



















STGD5NB120SZT4 Shipping Methods













If you have any question about STGD5NB120SZT4, please do not hesitate to contact us!

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