

HGTD1N120BNS9A

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



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HGTD1N120BNS9A Specifications

Manufacturer Part Number HGTDIN120BNS9A Manufacturer Fairchild/ON Semiconductor Category Discrete Semiconductor Products Transistors - IGBTs - Single 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		
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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		Transistors - IGBTs - Single
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Switching Energy70μJ (on), 90μJ (off)Input TypeStandardGate Charge14nCTd (on/off) @ 25°C15ns/67nsTest Condition960V, 1A, 82 Ohm, 15VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252AA	Vce(on) (Max) @ Vge, Ic	2.9V @ 15V, 1A
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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	Gate Charge	14nC
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	Td (on/off) @ 25°C	15ns/67ns
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Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252AA	Reverse Recovery Time (trr)	-
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252AA	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package TO-252AA	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	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













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