



STGD3HF60HDT4 Information



For Reference Only

Part Number STGD3HF60HDT4
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 600V 7.5A 38W DPAK

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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STGD3HF60HDT4 Specifications

Manufacturer Part Number STGD3HF60HDT4 Manufacturer STMicroelectronics Category Discrete Semiconductor Products Transistors - IGBTs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 600V Current - Collector (Ic) (Max) 7.5A Current - Collector Pulsed (Icm) 18A Vce(on) (Max) @ Vge, Ic 2.95V @ 15V, 1.5A Power - Max 38W Switching Energy 19μJ (on), 12μJ (off) Input Type Standard Gate Charge 12nC Td (on/off) @ 25°C 11ns/60ns Test Condition 400V, 1.5A, 100 Ohm, 15V Reverse Recovery Time (trr) 85ns 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 DPAK		
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Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 600V Current - Collector (Ic) (Max) 7.5A Current - Collector Pulsed (Icm) 18A Vce(on) (Max) @ Vge, Ic 2.95V @ 15V, 1.5A Power - Max 38W Switching Energy 19µJ (on), 12µJ (off) Input Type Standard Gate Charge 12nC Td (on/off) @ 25°C 11ns/60ns Test Condition 400V, 1.5A, 100 Ohm, 15V Reverse Recovery Time (trr) 85ns 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 DPAK		Transistors - IGBTs - Single
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Switching Energy19μJ (on), 12μJ (off)Input TypeStandardGate Charge12nCTd (on/off) @ 25°C11ns/60nsTest Condition400V, 1.5A, 100 Ohm, 15VReverse Recovery Time (trr)85nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAK	Vce(on) (Max) @ Vge, Ic	2.95V @ 15V, 1.5A
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Gate Charge 12nC Td (on/off) @ 25°C 11ns/60ns Test Condition 400V, 1.5A, 100 Ohm, 15V Reverse Recovery Time (trr) 85ns 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 DPAK	Switching Energy	19μJ (on), 12μJ (off)
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Reverse Recovery Time (trr) 85ns 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 DPAK	Td (on/off) @ 25°C	11ns/60ns
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Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package DPAK	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	DPAK
		Report errors?

STGD3HF60HDT4 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.

STGD3HF60HDT4 Payment Methods



















STGD3HF60HDT4 Shipping Methods













If you have any question about STGD3HF60HDT4, please do not hesitate to contact us!

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