

IRGR4610DTRRPBF

IRGR4610DTRRPBF Information



For Reference Only

Part Number IRGR4610DTRRPBF **Manufacturer** Infineon Technologies

Category Discrete Semiconductor Products Transistors - IGBTs - Single

Description IGBT 600V 16A 77W 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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IRGR4610DTRRPBF Specifications

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) 16A Current - Collector Pulsed (Icm) 18A Vec(on) (Max) @ Vge, Ic 2V @ 15V, 6A Power - Max 77W Switching Energy 56μJ (on), 122μJ (off) Input Type Standard Gate Charge 13nC Td (on/off) @ 25°C 27ns/75ns Test Condition 400V, 6A, 47 Ohm, 15V Reverse Recovery Time (trr) 74ns Operating Temperature -40°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63		
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Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 600V Current - Collector (Ic) (Max) 16A Current - Collector Pulsed (Icm) 18A Vce(on) (Max) @ Vge, Ic 2V @ 15V, 6A Power - Max 77W Switching Energy 56μJ (on), 122μJ (off) Input Type Standard Gate Charge 13nC Td (on/off) @ 25°C 27ns/75ns Test Condition 400V, 6A, 47 Ohm, 15V Reverse Recovery Time (trr) 74ns Operating Temperature -40°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak		Transistors - IGBTs - Single
IGBT Type	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
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Input Type Gate Charge 13nC Td (on/off) @ 25°C Test Condition 400V, 6A, 47 Ohm, 15V Reverse Recovery Time (trr) 74ns Operating Temperature -40°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Power - Max	77W
Gate Charge Td (on/off) @ 25°C Test Condition AuoV, 6A, 47 Ohm, 15V Reverse Recovery Time (trr) Operating Temperature Auo°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Switching Energy	56μJ (on), 122μJ (off)
Td (on/off) @ 25°C 27ns/75ns Test Condition 400V, 6A, 47 Ohm, 15V Reverse Recovery Time (trr) 74ns Operating Temperature -40°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Input Type	Standard
Test Condition 400V, 6A, 47 Ohm, 15V Reverse Recovery Time (trr) 74ns Operating Temperature -40°C ~ 175°C (TJ) Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Gate Charge	13nC
Reverse Recovery Time (trr) 74ns Operating Temperature -40°C ~ 175°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	27ns/75ns
Operating Temperature -40°C ~ 175°C (TJ) Mounting Type Surface Mount TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Test Condition	400V, 6A, 47 Ohm, 15V
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Reverse Recovery Time (trr)	74ns
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Operating Temperature	-40°C ~ 175°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?

IRGR4610DTRRPBF 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.

IRGR4610DTRRPBF Payment Methods



















IRGR4610DTRRPBF Shipping Methods













If you have any question about IRGR4610DTRRPBF, please do not hesitate to contact us!

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