



IRG4RC10STRL Information



For Reference Only

Part Number IRG4RC10STRL

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products Transistors - IGBTs - Single

Description IGBT 600V 14A 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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IRG4RC10STRL Specifications

Manufacturer Part Number IRG4RC10STRL Manufacturer Infineon Technologies Category Discrete Semiconductor Products Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 600V Current - Collector (lc) (Max) 14A Current - Collector Pulsed (Icm) 18A Vec(on) (Max) @ Vge, Ic 1.8V @ 15V, 8A Power - Max 38W Switching Energy 140µJ (on), 2.58mJ (off) Input Type Standard Gate Charge 15nC Td (on/off) @ 25°C 25ns/630ns Test Condition 480V, 8A, 100 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 D-Pak		
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Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 600V Current - Collector (Ic) (Max) 14A Current - Collector Pulsed (Icm) 18A Vce(on) (Max) @ Vge, Ic 1.8V @ 15V, 8A Power - Max 38W Switching Energy 140μJ (on), 2.58mJ (off) Input Type Standard Gate Charge 15nC Td (on/off) @ 25°C 25ns/630ns Test Condition 480V, 8A, 100 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 D-Pak		Transistors - IGBTs - Single
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Gate Charge 15nC Td (on/off) @ 25°C 25ns/630ns Test Condition 480V, 8A, 100 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 D-Pak	Switching Energy	140μJ (on), 2.58mJ (off)
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Test Condition 480V, 8A, 100 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 D-Pak	Gate Charge	15nC
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	25ns/630ns
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package D-Pak	Test Condition	480V, 8A, 100 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)	-
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?

IRG4RC10STRL 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.

IRG4RC10STRL Payment Methods



















IRG4RC10STRL Shipping Methods













If you have any question about IRG4RC10STRL, please do not hesitate to contact us!

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