

IRG4RC10KTRR

IRG4RC10KTRR Information

www.heisener.com	Part Number Manufacturer Category Description Package	IRG4RC10KTRR Infineon Technologies Discrete Semiconductor Products Transistors - IGBTs - Single IGBT 600V 9A 38W DPAK TO-252-3, DPak (2 Leads + Tab), SC-63	
	Tuchuge	For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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IRG4RC10KTRR Specifications

Manufacturer Part Number IRG4RC10KTRR Manufacturer Infineon Technologies Category Discrete Semiconductor Products Transistors - IGBTs - Single Transistors - IGBTs - Single Package To-252-3, DPak (2 Leads + Tab), SC-63 Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 600V Current - Collector Loi (Max) 9A Current - Collector Loi (Max) 2.62V @ 15V, 5A Power - Max 38W Voltage - Collector Pulsed (Icm) Standard Input Type Standard Gate Charge 10puJ (on), 100µJ (off) Input Type Standard Gate Charge 11ms/51ns Test Condition 480V, 5A, 100 Ohm, 15V Reverse Recovery Time (trr) - Operating Temperature -5°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case To-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package Devak		
CategoryDiscrete Semiconductor Products Transistors - IGBTs - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-IGBT Type-Voltage - Collector Emitter Breakdown (Max)600VCurrent - Collector (Ic) (Max)9ACurrent - Collector Pulsed (Icm)18AVocen (Max) @ Vge, Ic2.62V @ 15V, 5APower - Max38WSwitching Energy160µJ (on), 100µJ (off)Input TypeStandardGate Charge19nCTd (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 Ohm, 15VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDo-Pak	Manufacturer Part Number	IRG4RC10KTRR
Transistors - IGBTs - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-IGBT Type-Voltage - Collector Emitter Breakdown (Max)600VCurrent - Collector (Lc) (Max)9ACurrent - Collector Pulsed (Icm)18AVec(on) (Max) @ Vge, Ic2.62V @ 15V, 5APower - Max38WSwitching Energy160µ (on), 100µl (off)Input TypeStandardGate Charge19nCTd (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 Ohm, 15VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseD-Pak	Manufacturer	Infineon Technologies
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-IGBT Type-Voltage - Collector Emitter Breakdown (Max)600VCurrent - Collector I() (Max)9ACurrent - Collector Pulsed (Icm)18AVoe(on) (Max) @ Vge, Ic2.62V @ 15V, 5APower - Max38WSwitching Energy160µ (on), 100µ (off)Input TypeStandardGate Charge19nCTd (on/off) @ 25°C11ns/51nsReverse Recovery Time (trr)480V, 5A, 100 Ohm, 15VReverse Recovery Time (trr)-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseD-Pak	Category	Discrete Semiconductor Products
Series-IGBT Type-Voltage - Collector Emitter Breakdown (Max)600VCurrent - Collector I() (Max)9ACurrent - Collector Pulsed (Icm)18AVec(on) (Max) @ Vge, Ic2.62V @ 15V, 5APower - Max38WSwitching Energy160µ (on), 100µ (off)Input TypeStandardGate Charge19nCTd (on/off) @ 25°C11ns/51nsReverse Recovery Time (trr)480V, 5A, 100 Ohm, 15VReverse Recovery Time (trr)-Operating TypeSurface MountMounting TypeSurface MountPackage / CaseD-Pak		Transistors - IGBTs - Single
IGBT Type-Voltage - Collector Emitter Breakdown (Max)600VCurrent - Collector (Lo) (Max)9ACurrent - Collector Pulsed (Icm)18AVecon) (Max) @ Vge, Ic2.62V @ 15V, 5APower - Max38WSwitching Energy160µ (on), 100µ (off)Input TypeStandardGate Charge19nCTod (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 Ohm, 15VReverse Recovery Time (trr)-Operating Temperature55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseD-Pak	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage - Collector Emitter Breakdown (Max)600VCurrent - Collector (Lo) (Max)9ACurrent - Collector Pulsed (Icm)18AVce(on) (Max) @ Vge, Ic2.62V @ 15V, 5APower - Max38WSwitching Energy160µJ (on), 100µJ (off)Input TypeStandardGate Charge19nCTd (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 Ohm, 15VReverse Recovery Time (trr)-Operating Temperature-S5°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseDPak	Series	-
Current - Collector (lc) (Max) 9A Current - Collector Pulsed (Icm) 18A Vec(on) (Max) @ Vge, Ic 2.62V @ 15V, 5A Power - Max 38W Switching Energy 160µJ (on), 100µJ (off) Input Type Standard Gate Charge 19nC Td (on/off) @ 25°C 11ns/51ns Test Condition 480V, 5A, 100 Ohm, 15V Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case D-Pak	IGBT Type	-
Current - Collector Pulsed (Icm)18AVce(on) (Max) @ Vge, Ic2.62V @ 15V, 5APower - Max38WSwitching Energy160µ (on), 100µ (off)Input TypeStandardGate Charge19nCTd (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 Ohm, 15VReverse Recovery Time (trr)-Operating TemperatureSurface MountMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Voltage - Collector Emitter Breakdown (Max)	600V
Vce(on) (Max) @ Vge, Ic 2.62V @ 15V, 5A Power - Max 38W Switching Energy 160µJ (on), 100µJ (off) Input Type Standard Gate Charge 19nC Td (on/off) @ 25°C 11ns/51ns Test Condition 480V, 5A, 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	Current - Collector (Ic) (Max)	9A
Power - Max38WSwitching Energy160µ(n0),100µ(off)Input TypeStandardGate Charge9nCT (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 Ohm, 15VReverse Recovery Time (trr)-Operating Type-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseD-Pak (2 Leads + Tab), SC-63	Current - Collector Pulsed (Icm)	18A
Switching Energy160µJ (on), 100µJ (off)Input TypeStandardGate Charge19nCTd (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 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 PackageD-Pak	Vce(on) (Max) @ Vge, Ic	2.62V @ 15V, 5A
Input TypeStandardInput TypeStandardGate Charge19nCTd (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 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 PackageD-Pak	Power - Max	38W
Free SPEndedGate Charge19nCTd (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 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 PackageD-Pak	Switching Energy	160µJ (on), 100µJ (off)
Td (on/off) @ 25°C11ns/51nsTest Condition480V, 5A, 100 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 PackageD-Pak	Input Type	Standard
Test Condition480V, 5A, 100 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 PackageD-Pak	Gate Charge	19nC
Reverse Recovery Time (trr)-Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Td (on/off) @ 25°C	11ns/51ns
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Test Condition	480V, 5A, 100 Ohm, 15V
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-Pak	Reverse Recovery Time (trr)	-
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageD-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?

IRG4RC10KTRR 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.

IRG4RC10KTRR Payment Methods



IRG4RC10KTRR Shipping Methods



If you have any question about IRG4RC10KTRR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com