

# **IRG4RC10SPBF**

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#### **IRG4RC10SPBF Information**

	Part Number	IRG4RC10SPBF
syret helsener cort	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
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### **IRG4RC10SPBF Specifications**

Manufacturer Part NumberIRG4RC10SPBFManufacturer AInfineon TechnologiesCategoryDiscrete Semiconductor Products Transistors - IGBTs - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-IGBT Type-Voltage - Collector Emitter Breakdown (Max)600VCurrent - Collector (Le) (Max)14ACurrent - Collector Pulsed (tem)18AVec(on) (Max) @ Vge, Ic18V @ 15V, 8ASwitching EnergyJanuardJuput TypeSandardGate Charge15nCId (on/off) @ 25°C5ns/630nsTest Coldition480V, 8A, 100 Ohm, 15VRevers Recovery Time (trr)-Operating Temperature-Operating TypeSurface MountMounting TypeSurface MountSurface MountSurface MountSurface MountSurface MountSurface MountDepakSupplier Device PackageD-Pak		
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Voltage - Collector Emitter Breakdown (Max) 600V   Current - Collector (Lo) (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 -S5°C ~ 150°C (TJ)   Mounting Type Surface Mount   Package / Case Devak   Supplier Device Package D-Pak	Series	-
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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	25ns/630ns
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, 8A, 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?

#### **IRG4RC10SPBF** 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 ELARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **IRG4RC10SPBF** Payment Methods





If you have any question about IRG4RC10SPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com