



### **IRGP4063-EPBF Information**



For Reference Only

Part Number IRGP4063-EPBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

**Description** IGBT 600V 96A 330W TO247AD

Package TO-247-3

For the pricing/inventory/lead time, please contact

us

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



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# **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.









## **IRGP4063-EPBF Specifications**

Manufacturer Part Number         IRGP4063-EPBF           Manufacturer         Infineon Technologies           Category         Discrete Semiconductor Products           Package         TO-247-3           Series         -           IGBT Type         Tench           Voltage - Collector Emitter Breakdown (Max)         600V           Current - Collector (lc) (Max)         96A           Current - Collector Pulsed (Icm)         144A           Vec(on) (Max) @ Vge, Ic         2.14V @ 15V, 48A           Power - Max         330W           Switching Energy         625µJ (on), 1.28mJ (off)           Input Type         Sandard           Gate Charge         95nC           Td (on/off) @ 25°C         60ns/145ns           Test Condition         400V, 48A, 10 Ohm, 15V           Reverse Recovery Time (trr)         -           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Package / Case         TO-247AD           Supplier Device Package         TO-247AD		
Category         Discrete Semiconductor Products           Transistors - IGBTs - Single           Package         TO-247-3           Series         -           IGBT Type         Trench           Voltage - Collector Emitter Breakdown (Max)         600V           Current - Collector (Ic) (Max)         96A           Current - Collector Pulsed (Icm)         144A           Vec(on) (Max) @ Vge, Ic         2.14V @ 15V, 48A           Power - Max         330W           Switching Energy         625µJ (on), 1.28mJ (off)           Input Type         Standard           Gate Charge         95nC           Td (on/off) @ 25°C         60ns/145ns           Test Condition         400V, 48A, 10 Ohm, 15V           Reverse Recovery Time (trr)         -           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Package / Case         TO-247-3           Supplier Device Package         TO-247AD	Manufacturer Part Number	IRGP4063-EPBF
Package         TCO-247-3           Series         -           IGBT Type         Trench           Voltage - Collector Emitter Breakdown (Max)         600V           Current - Collector (Ic) (Max)         96A           Current - Collector Pulsed (Icm)         144A           Vce(on) (Max) @ Vge, Ic         2.14V @ 15V, 48A           Power - Max         330W           Switching Energy         625μJ (on), 1.28mJ (off)           Input Type         Standard           Gate Charge         95nC           Td (on/off) @ 25°C         60ns/145ns           Test Condition         400V, 48A, 10 Ohm, 15V           Reverse Recovery Time (trr)         -           Operating Temperature         -55°C ~ 175°C (TJ)           Mounting Type         Through Hole           Package / Case         TO-247-3           Supplier Device Package         TO-247AD	Manufacturer	Infineon Technologies
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Voltage - Collector Emitter Breakdown (Max)  Current - Collector (Ic) (Max)  Current - Collector Pulsed (Icm)  144A  Vce(on) (Max) @ Vge, Ic  2.14V @ 15V, 48A  Power - Max  330W  Switching Energy  625µJ (on), 1.28mJ (off)  Input Type  Standard  Gate Charge  95nC  Td (on/off) @ 25°C  60ns/145ns  Test Condition  400V, 48A, 10 Ohm, 15V  Reverse Recovery Time (trr)  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-247-3  Supplier Device Package	Series	-
Current - Collector (Ic) (Max)       96A         Current - Collector Pulsed (Icm)       144A         Vce(on) (Max) @ Vge, Ic       2.14V @ 15V, 48A         Power - Max       330W         Switching Energy       625μJ (on), 1.28mJ (off)         Input Type       Standard         Gate Charge       95nC         Td (on/off) @ 25°C       60ns/145ns         Test Condition       400V, 48A, 10 Ohm, 15V         Reverse Recovery Time (trr)       -         Operating Temperature       -55°C ~ 175°C (TJ)         Mounting Type       Through Hole         Package / Case       TO-247-3         Supplier Device Package       TO-247AD	IGBT Type	Trench
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Power - Max330WSwitching Energy625μJ (on), 1.28mJ (off)Input TypeStandardGate Charge95nCTd (on/off) @ 25°C60ns/145nsTest Condition400V, 48A, 10 Ohm, 15VReverse Recovery Time (trr)-Operating Temperature-55°C ~ 175°C (TJ)Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247AD	Current - Collector Pulsed (Icm)	144A
Switching Energy  Input Type  Standard  Gate Charge  95nC  Td (on/off) @ 25°C  60ns/145ns  Test Condition  400V, 48A, 10 Ohm, 15V  Reverse Recovery Time (trr)  Operating Temperature  -55°C ~ 175°C (ΤJ)  Mounting Type  Through Hole  Package / Case  TO-247-3  Supplier Device Package	Vce(on) (Max) @ Vge, Ic	2.14V @ 15V, 48A
Input Type  Standard  Gate Charge  95nC  Td (on/off) @ 25°C  60ns/145ns  Test Condition  400V, 48A, 10 Ohm, 15V  Reverse Recovery Time (trr)  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Through Hole  Package / Case  TO-247-3  Supplier Device Package	Power - Max	330W
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Test Condition 400V, 48A, 10 Ohm, 15V  Reverse Recovery Time (trr) - Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Through Hole  Package / Case TO-247-3  Supplier Device Package TO-247AD	Gate Charge	95nC
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Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247AD	Reverse Recovery Time (trr)	-
Package / Case TO-247-3 Supplier Device Package TO-247AD	Operating Temperature	-55°C ~ 175°C (TJ)
Supplier Device Package TO-247AD	Mounting Type	Through Hole
	Package / Case	TO-247-3
Report errors?	Supplier Device Package	TO-247AD
		Report errors?

#### **IRGP4063-EPBF 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.

## **IRGP4063-EPBF Payment Methods**



















### **IRGP4063-EPBF Shipping Methods**













If you have any question about IRGP4063-EPBF, please do not hesitate to contact us!

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