

IRG4PSC71UDPBF

IRG4PSC71UDPBF Information



For Reference Only

Part Number IRG4PSC71UDPBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 600V 85A 350W SUPER247

Package TO-274AA

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

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IRG4PSC71UDPBF Specifications

Manufacturer Part Number IRG4PSC71UDPBF Manufacturer Infineon Technologies Category Discrete Semiconductor Products Package TO-274AA Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 600V Current - Collector (Ic) (Max) 85A Current - Collector Pulsed (Icm) 200A Vec(on) (Max) @ Vge, Ic 2V @ 15V, 60A Power - Max 350W Switching Energy 3.26mJ (on), 2.27mJ (off) Input Type Standard Gate Charge 340nC Td (on/off) @ 25°C 90ns/245ns Test Condition 480V, 60A, 5 Ohm, 15V Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TI) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package SUPER-247 (TO-274AA)		
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IGBT Type-Voltage - Collector Emitter Breakdown (Max)600VCurrent - Collector (Ic) (Max)85ACurrent - Collector Pulsed (Icm)200AVce(on) (Max) @ Vge, Ic2V @ 15V, 60APower - Max350WSwitching Energy3.26mJ (on), 2.27mJ (off)Input TypeStandardGate Charge340nCTd (on/off) @ 25°C90ns/245nsTest Condition480V, 60A, 5 Ohm, 15VReverse Recovery Time (trr)82nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-274AASupplier Device PackageSUPER-247 (TO-274AA)	Package	TO-274AA
Voltage - Collector Emitter Breakdown (Max) Current - Collector (Ic) (Max) Current - Collector Pulsed (Icm) Ve(on) (Max) @ Vge, Ic Power - Max Switching Energy Switching Energy Input Type Standard Gate Charge Td (on/off) @ 25°C Test Condition Reverse Recovery Time (trr) Operating Temperature Operating Type Through Hole Package / Case Supplier Device Package S5A 85A 85A 85A 85A 200A 85A 200A 200A 200A 200A 200A 210C 210V @ 15V, 60A 350W Standard 350W Standard 326mJ (on), 2.27mJ (off) Standard 480V, 60A, 527mJ (off) 82ns Test Condition Through Hole Through Hole TO-274AA	Series	-
Current - Collector (Ic) (Max) 85A Current - Collector Pulsed (Icm) 200A Vce(on) (Max) @ Vge, Ic 2V @ 15V, 60A Power - Max 350W Switching Energy 3.26mJ (on), 2.27mJ (off) Input Type Standard Gate Charge 340nC Td (on/off) @ 25°C 90ns/245ns Test Condition 480V, 60A, 5 Ohm, 15V Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package SUPER-247 (TO-274AA)	IGBT Type	-
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Vce(on) (Max) @ Vge, Ic 2V @ 15V, 60A Power - Max 350W Switching Energy 3.26mJ (on), 2.27mJ (off) Input Type Standard Gate Charge 340nC Td (on/off) @ 25°C 90ns/245ns Test Condition 480V, 60A, 5 Ohm, 15V Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package SUPER-247 (TO-274AA)	Current - Collector (Ic) (Max)	85A
Power - Max Switching Energy 3.26mJ (on), 2.27mJ (off) Input Type Standard Gate Charge 340nC Td (on/off) @ 25°C 90ns/245ns Test Condition 480V, 60A, 5 Ohm, 15V Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case Supplier Device Package	Current - Collector Pulsed (Icm)	200A
Switching Energy 3.26mJ (on), 2.27mJ (off) Input Type Standard Gate Charge 340nC Td (on/off) @ 25°C 90ns/245ns Test Condition 480V, 60A, 5 Ohm, 15V Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package	Vce(on) (Max) @ Vge, Ic	2V @ 15V, 60A
Input Type Standard Gate Charge 340nC Td (on/off) @ 25°C 90ns/245ns Test Condition 480V, 60A, 5 Ohm, 15V Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package	Power - Max	350W
Gate Charge 340nC Td (on/off) @ 25°C 90ns/245ns Test Condition 480V, 60A, 5 Ohm, 15V Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package	Switching Energy	3.26mJ (on), 2.27mJ (off)
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Test Condition 480V, 60A, 5 Ohm, 15V Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package SUPER-247 (TO-274AA)	Gate Charge	340nC
Reverse Recovery Time (trr) 82ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package SUPER-247 (TO-274AA)	Td (on/off) @ 25°C	90ns/245ns
Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package SUPER-247 (TO-274AA)	Test Condition	480V, 60A, 5 Ohm, 15V
Mounting Type Through Hole Package / Case TO-274AA Supplier Device Package SUPER-247 (TO-274AA)	Reverse Recovery Time (trr)	82ns
Package / Case TO-274AA Supplier Device Package SUPER-247 (TO-274AA)	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package SUPER-247 (TO-274AA)	Mounting Type	Through Hole
	Package / Case	TO-274AA
Report errors?	Supplier Device Package	SUPER-247 (TO-274AA)
		Report errors?

IRG4PSC71UDPBF 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.

IRG4PSC71UDPBF Payment Methods





















IRG4PSC71UDPBF Shipping Methods













If you have any question about IRG4PSC71UDPBF, please do not hesitate to contact us!

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