



IRG4PH40UD2-EP Information



For Reference Only

Part Number IRG4PH40UD2-EP

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Transistors - IGBTs - Single

Description IGBT 1200V 41A 160W 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

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IRG4PH40UD2-EP Specifications

Manufacturer Infineon Technologies Category Discrete Semiconductor Products Package TO-247-3 Series - IGBT Type - Voltage - Collector Emitter Breakdown (Max) 1200V Current - Collector (Ic) (Max) 41A Current - Collector Pulsed (Icm) 82A Vec(on) (Max) @ Vge, Ic 3.1V @ 15V, 21A Power - Max 160W Switching Energy 1.95mJ (on), 1.71mJ (off) Input Type Standard Gate Charge 100nC Td (on/off) @ 25°C 22ns/100ns Test Condition 800V, 21A, 10 Ohm, 15V Reverse Recovery Time (trr) 50ns Operating Temperature -55°C ~ 150°C (TI) Mounting Type Through Hole Package / Case TO-247-3 Supplier Device Package TO-247AD		
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Gate Charge100nCTd (on/off) @ 25°C22ns/100nsTest Condition800V, 21A, 10 Ohm, 15VReverse Recovery Time (trr)50nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HolePackage / CaseTO-247-3Supplier Device PackageTO-247AD	Switching Energy	1.95mJ (on), 1.71mJ (off)
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Test Condition 800V, 21A, 10 Ohm, 15V Reverse Recovery Time (trr) 50ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-247-3 Supplier Device Package TO-247AD	Gate Charge	100nC
Reverse Recovery Time (trr) 50ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Package / Case TO-247-3 Supplier Device Package TO-247AD	Td (on/off) @ 25°C	22ns/100ns
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Package / Case TO-247-3 Supplier Device Package TO-247AD	Operating Temperature	-55°C ~ 150°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?

IRG4PH40UD2-EP 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.

IRG4PH40UD2-EP Payment Methods



















IRG4PH40UD2-EP Shipping Methods













If you have any question about IRG4PH40UD2-EP, please do not hesitate to contact us!

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