

Image may be representation.
See specifications for product details.



AUIRG4PH50S

Manufacturer Part Number	AUIRG4PH50S
Manufacturer	Infineon Technologies
Allelco Part Number	32D-AUIRG4PH50S
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IGBT 1200V 57A TO247AC
Package	TO-247-3
Data sheet	AUIRG4PH50S.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AUIRG4PH50S - Infineon Technologies. New Original in Stock. Download Linear Technology AUIGR4PH50S datasheet/specifications on AllelcoElec.com. Request a quote for AUIGR4PH50S, please send us email: info@allelco.com

Specifications

AUIRG4PH50S Tech Specifications

AUIRG4PH50S - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Package	Tube
Voltage - Collector Emitter Breakdown (Max)	1200 V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce(on) (Max) @ Vge, Ic	1.7V @ 15V, 33A	Mounting Type	Through Hole
Test Condition	600V, 33A, 50hm, 15V	Input Type	Standard
Td (on/off) @ 25°C	-/616ns	IGBT Type	-
Switching Energy	16mJ (off)	Gate Charge	227 nC
Supplier Device Package	TO-247AC	Current - Collector Pulsed (Icm)	99 A
Series	Automotive, AEC-Q101	Current - Collector (Ic) (Max)	141 A
Power - Max	543 W	Base Product Number	AUIRG4
Package / Case	TO-247-3		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies AUIGR4PH50S

Product Attribute				
Part Number	AUIRG4PH50S	AUIRG4PH50S-205	AUIRG65G40D0	AUIRGP35B60PD
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	International Rectifier
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)
Package	Tube	Tube	Tube	Bulk
Base Product Number	AUIRG4	AUIRG4	AUIRG65	AUIRGP35B
Input Type	Standard	Standard	Standard	Standard
Vce(on) (Max) @ Vge, Ic	1.7V @ 15V, 33A	1.7V @ 15V, 33A	2.2V @ 15V, 20A	2.55V @ 15V, 35A
Gate Charge	227 nC	227 nC	270 nC	240 nC
Power - Max	543 W	543 W	625 W	308 W
Test Condition	600V, 33A, 50hm, 15V	600V, 33A, 50hm, 15V	400V, 20A, 4.70hm, 15V	390V, 22A, 3.30hm, 15V
Current - Collector (Ic) (Max)	141 A	141 A	62 A	60 A
IGBT Type	-	-	-	NPT
Current - Collector Pulsed (Icm)	99 A	99 A	84 A	120 A
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Voltage - Collector Emitter Breakdown (Max)	1200 V	1200 V	600 V	600 V
Series	Automotive, AEC-Q101	-	CooliRIGBT™	-
Td (on/off) @ 25°C	-/616ns	-/616ns	35ns/142ns	26ns/110ns
Package / Case	TO-247-3	TO-247-3	TO-247-3	TO-247-3
Switching Energy	16mJ (off)	16mJ (off)	298µJ (on), 147µJ (off)	220µJ (on), 215µJ (off)
Supplier Device Package	TO-247AC	TO-247AC	TO-247AC	TO-247AC

AUIRG4PH50S Datasheet PDF

Download AUIGR4PH50S pdf datasheets and Infineon Technologies documentation for AUIGR4PH50S - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

PCN Design/Specification

Mult Dev Label Chgs 8/Sep/2021.pdf

Gen4 Des/Pkg Chgs 28/Jan/2021.pdf

PCN Packaging



















Mult Device Standard Label Chg 29/Sep/2017.pdf

Tube Pkg MOQ Standardization 28/Jul/2017.pdf

 Mult Dev Wafer Chgs 23/Nov/2020.pdf

Customers Also Interested in

Recommended Products

					
AUIRFZ44VZS International Rectifier MOSFET N-CH 60V 57A D2PAK	AUIRG4PH50S-205 Infineon Technologies IGBT 1200V TO247-3	AUIRFZ48ZS MOS IR	AUIRFZ48ZS International Rectifier MOSFET N-CH 55V 61A D2PAK	AUIRFZ44NS International Rectifier MOSFET N-CH 55V 49A TO220AB	AUIRGP65G40D0 Infineon Technologies IGBT 600V 62A 625W TO247
					
AUIRGP35B60PD International Rectifier IGBT, 60A I(C), 600V V(BR)CES, N	AUIRGP4062D-EPBF IR	AUIRFZ34N Infineon Technologies AUIRFZ34 - 55V-60V N-CHANNEL AUT	AUIRGF66S24D0 Infineon Technologies IGBT 600V 60A 214W TO-247AC	AUIRGDC0250 Infineon Technologies IGBT 1200V 141A 543W TO-220	AUIRGP65A40D0 Infineon Technologies DISCRETES
					
AUIRFZ44N International Rectifier AUTOMOTIVE HEXFET N CHANNEL	AUIRFZ44ZS International Rectifier MOSFET N-CH 55V 51A D2PAK	AUIRFZ48Z Infineon Technologies AUIRFZ48Z - 55V-60V N-CHANNEL AU	AUIRGF65G40D0 International Rectifier IGBT	AUIRG4BC30U-S International Rectifier IGBT, 23A I(C), 600V V(BR)CES, N	AUIRG4BC30USTR International Rectifier IGBT, 23A I(C), 600V V(BR)CES, N

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Alleco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

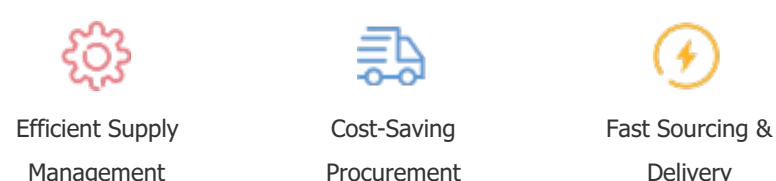
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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