



# RHRP1560

Manufacturer Part Number	<b>RHRP1560</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-RHRP1560
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GEN PURP 600V 15A TO220-2L
Package	TO-220-2
Data sheet	<b>RHRP1540, RHRP1560.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

RHRP1560 - onsemi.New Original in Stock. Download Linear Technology RHRP1560 datasheet/specifications on AllelcoElec.com.  
Request a quote for RHRP1560, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

RHRP1560 Tech Specifications  
RHRP1560 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	TO-220-2
Voltage - Forward (Vf) (Max) @ If	2.1 V @ 15 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	-65°C ~ 175°C
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	TO-220-2L	Current - Reverse Leakage @ Vr	100 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	15A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	40 ns	Base Product Number	RHRP15

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi RHRP1560

Product Attribute	NO PICTURE			
Part Number	RHRP1560	<b>RHRP8120</b>	<b>RHRP30120-F102</b>	<b>RHRP30120</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Voltage - Forward (Vf) (Max) @ If	2.1 V @ 15 A	3.2 V @ 8 A	3.2 V @ 30 A	3.2 V @ 30 A
Current - Average Rectified (Io)	15A	8A	30A	30A
Series	-	-	-	-
Package / Case	TO-220-2	TO-220-2	TO-220-2	TO-220-2
Capacitance @ Vr, F	-	-	-	-
Technology	Standard	Standard	Standard	Standard
Base Product Number	RHRP15	RHRP81	RHRP30120	RHRP30
Package	Tube	Tube	Tube	Tube
Voltage - DC Reverse (Vr) (Max)	600 V	1200 V	1200 V	1200 V
Current - Reverse Leakage @ Vr	100 µA @ 600 V	100 µA @ 1200 V	250 µA @ 1200 V	250 µA @ 1200 V
Reverse Recovery Time (trr)	40 ns	70 ns	85 ns	85 ns
Operating Temperature - Junction	-65°C ~ 175°C	-65°C ~ 175°C	-65°C ~ 175°C	-65°C ~ 175°C
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Supplier Device Package	TO-220-2L	TO-220-2L	TO-220-2	TO-220-2L

## RHRP1560 Datasheet PDF

Download RHRP1560 pdf datasheets and onsemi documentation for RHRP1560 - onsemi.

### Datasheets

[RHRP1540, RHRP1560.pdf](#)

### Environmental Information

[onsemi RoHS.pdf](#)

### PCN Design/Specification

[Logo 17/Aug/2017.pdf](#)


### PCN Packaging

[Mult Devices 24/Oct/2017.pdf](#)

[Tape and Box/Reel Barcode Update 07/Aug/2014.pdf](#)














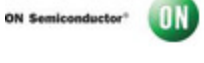
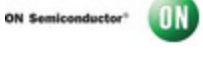


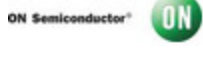
### PCN Obsolescence/ EOL

[Mult Dev EOL 30/Sep/2022.pdf](#)

 Wafer Fab Change 08/Oct/2020.pdf

## Customers Also Interested in

### Recommended Products

					
<b>RHRP8120</b> onsemi DIODE GEN PURP 1.2KV 8A TO220-2L	<b>RHRP30120-F102</b> onsemi DIODE GEN PURP 1.2KV 30A TO220-2	<b>RHRG50120</b> Fairchild (onsemi)	<b>RHRP3040</b> Fairchild (onsemi)	<b>RHRP30120</b> onsemi DIODE GP 1.2KV 30A TO220-2L	<b>RHRG5060</b> NXP USA Inc. RECTIFIER DIODE, AVALANCHE, 1PH
					
<b>RHRG80100</b> Fairchild (onsemi)	<b>RHRP15120</b> onsemi DIODE GP 1.2KV 15A TO220-2L	<b>RHRP15100</b> Harris Corporation DIODE AVALANCHE 1KV 15A TO220AC	<b>RHRP8120 RHR8120</b> Fairchild (onsemi)	<b>RHRP1560T</b> Fairchild (onsemi)	<b>RHRP8100</b> Fairchild (onsemi)
					
<b>RHRG75120</b> Fairchild Semiconductor DIODE GEN PURP 1.2V 75A TO247-2	<b>RHRP3060</b> onsemi DIODE GEN PURP 600V 30A TO220-2L	<b>RHRG75120</b> onsemi DIODE GEN PURP 1.2KV 75A TO247-2	<b>RHRP30120</b> Fairchild Semiconductor DIODE GEN PURP 1.2V 30A TO220AC	<b>RHRP30120/RHR30120</b> Fairchild (onsemi)	<b>RHRG5060</b> onsemi DIODE GEN PURP 600V 50A TO247-2

## 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 Allelco 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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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### Certifications & Memberships



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### Contact us

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