



Image may be representation.
See specifications for product details.

BYW51-200G

Manufacturer Part Number	BYW51-200G
Manufacturer	onsemi
Allelco Part Number	32D-BYW51-200G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ARRAY GP 200V 8A TO220AB
Package	TO-220-3
Data sheet	BYW51-200.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



BYW51-200G - onsemi.New Original in Stock. Download Linear Technology BYW51-200G datasheet/specifications on AllelcoElec.com.
Request a quote for BYW51-200G, please send us email: info@allelco.com

Specifications

BYW51-200G Tech Specifications

BYW51-200G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	TO-220-3
Voltage - Forward (Vf) (Max) @ If	970 mV @ 8 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	-65°C ~ 175°C
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	TO-220	Diode Configuration	1 Pair Common Cathode
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Reverse Leakage @ Vr	10 µA @ 200 V
Series	SWITCHMODE™	Current - Average Rectified (Io) (per Diode)	8A
Reverse Recovery Time (trr)	35 ns	Base Product Number	BYW51

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BYW51-200G

Product Attribute				
Part Number	BYW51-200G	BYW51-200	BYW51G-200-TR	BYW51-200
Manufacturer	onsemi	STMicroelectronics	STMicroelectronics	Harris Corporation
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package	Tube	Tube	Tape & Reel (TR)	Tube
Operating Temperature - Junction	-65°C ~ 175°C	150°C (Max)	150°C (Max)	150°C (Max)
Base Product Number	BYW51	BYW51	BYW51	BYW51
Current - Average Rectified (Io) (per Diode)	8A	10A	10A	10A
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Series	SWITCHMODE™	-	-	-
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
Package / Case	TO-220-3	TO-220-3	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB	TO-220-3
Voltage - Forward (Vf) (Max) @ If	970 mV @ 8 A	850 mV @ 8 A	850 mV @ 8 A	850 mV @ 8 A
Reverse Recovery Time (trr)	35 ns	35 ns	35 ns	35 ns
Supplier Device Package	TO-220	TO-220	D2PAK	TO-220AB
Voltage - DC Reverse (Vr) (Max)	200 V	200 V	200 V	200 V
Technology	Standard	Standard	Standard	Standard
Current - Reverse Leakage @ Vr	10 µA @ 200 V	15 µA @ 200 V	15 µA @ 200 V	15 µA @ 200 V

BYW51-200G Datasheet PDF

Download BYW51-200G pdf datasheets and onsemi documentation for BYW51-200G - onsemi.

Datasheets

[BYW51-200.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification



















[TO-220 Case Outline Update 18/Sep/2014.pdf](#)

PCN Assembly/Origin

[Mult Dev 14/May/2020.pdf](#)

Customers Also Interested in

Recommended Products

 BYW36-TR Vishay General Semiconductor - Diodes Division DIODE AVALANCHE 600V 2A SOD57	 BYW51200 STMicroelectronics	 BYW4200B-TR STMicroelectronics DIODE GEN PURP 200V 4A DPAK	 BYW51-200 STMicroelectronics DIODE ARRAY GP 200V 10A TO220AB	 BYW51G-200-TR STMicroelectronics DIODE ARRAY GP 200V 10A D2PAK	 BYW51FP200 STMicroelectronics
 BYW31-50R STMicroelectronics IGBT Module	 BYW51-200 Harris Corporation DIODE SWITCHING 200V 16A	 BYW32-TR Vishay General Semiconductor - Diodes Division DIODE AVALANCHE 200V 2A SOD57	 BYW51FP-200 STMicroelectronics DIODE ARRAY GP 200V 10A TO220FP	 BYW36E LUMILEDS	 BYW54V Electro-Films (EFI) / Vishay
 BYW34-TAP Vishay General Semiconductor - Diodes Division DIODE AVALANCHE 400V 2A SOD57	 BYW51F-200 STMicroelectronics	 BYW51-200 onsemi DIODE SWITCHING 200V 16A	 BYW56-TAP Vishay General Semiconductor - Diodes Division DIODE AVALANCHE 1KV 2A SOD57	 BYW51G200 STMicroelectronics	 BYW51F200 STMicroelectronics

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

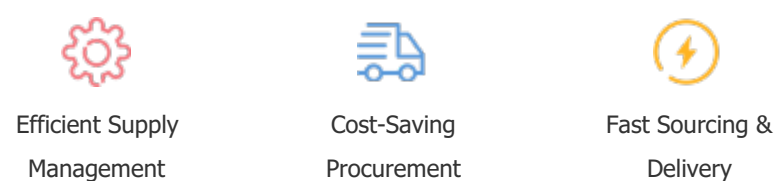
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

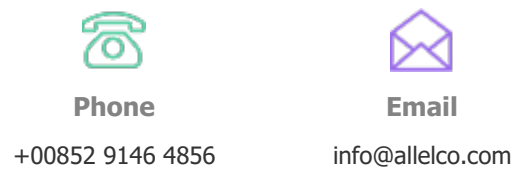
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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