



12F20



Image may be representation.
See specifications for product details.

Manufacturer Part Number	12F20
Manufacturer	Solid State Inc.
Allelco Part Number	32D-12F20
ECAD Model	Request Free CAD Models
Parts Description	DIODE GEN PURP 200V 12A DO4
Package	DO-203AA, DO-4, Stud
Data sheet	12F20.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

12F20 - Solid State Inc..New Original in Stock. Download Linear Technology 12F20 datasheet/specifications on AllelcoElec.com.
Request a quote for 12F20, please send us email: info@allelco.com

Specifications

12F20 Tech Specifications
12F20 - Solid State Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Solid State Inc.	Package / Case	DO-203AA, DO-4, Stud
Voltage - Forward (Vf) (Max) @ If	1.2 V @ 12 A	Package	Bulk
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	-65°C ~ 150°C
Technology	Standard	Mounting Type	Stud Mount
Supplier Device Package	DO-4	Current - Reverse Leakage @ Vr	10 µA @ 200 V
Speed	Standard Recovery >500ns, > 200mA (Io)	Current - Average Rectified (Io)	12A
Series	-	Capacitance @ Vr, F	-

Parts with Similar Specifications

The three parts on the right have similar specifications to Solid State Inc. 12F20

Product Attribute				
Part Number	12F20	12F40	12F140	12F160
Manufacturer	Solid State Inc.	Solid State Inc.	Solid State Inc.	Solid State Inc.
Operating Temperature - Junction	-65°C ~ 150°C	-	-65°C ~ 150°C	-65°C ~ 150°C
Current - Average Rectified (Io)	12A	12A	12A	12A
Current - Reverse Leakage @ Vr	10 µA @ 200 V	-	10 µA @ 1400 V	10 µA @ 1600 V
Capacitance @ Vr, F	-	-	-	-
Package	Bulk	Bulk	Bulk	Bulk
Supplier Device Package	DO-4	DO-4	DO-4	DO-4
Voltage - Forward (Vf) (Max) @ If	1.2 V @ 12 A	-	1.2 V @ 12 A	1.2 V @ 12 A
Mounting Type	Stud Mount	Stud Mount	Stud Mount	Stud Mount
Speed	Standard Recovery >500ns, > 200mA (Io)	Standard Recovery >500ns, > 200mA (Io)	Standard Recovery >500ns, > 200mA (Io)	Standard Recovery >500ns, > 200mA (Io)
Voltage - DC Reverse (Vr) (Max)	200 V	400 V	1400 V	1600 V
Technology	Standard	Standard	Standard	Standard
Package / Case	DO-203AA, DO-4, Stud	DO-203AA, DO-4, Stud	DO-203AA, DO-4, Stud	DO-203AA, DO-4, Stud
Series	-	-	-	-

Customers Also Interested in

Recommended Products

 12F40 Solid State Inc. DIODE GEN PURP 400V 12A DO4	 12F508-I/P MICROCH	 12F120A IR IGBT Module	 12F160B IR IGBT Module	 12F140A IR IGBT Module	 12F50A IR IGBT Module
 12F40A IR IGBT Module	 12F508T-I/SN MIC	 12F30B IR IGBT Module	 12F40B IR IGBT Module	 12F30A IR IGBT Module	 12F120B IR IGBT Module
 12F140B IR IGBT Module	 12F140 Solid State Inc. DIODE GEN PURP 1.4KV 12A DO4	 12F20B IR IGBT Module	 12F15A IR IGBT Module	 12F160 Solid State Inc. DIODE GEN PURP 1.6KV 12A DO4	 12F160A IR IGBT Module

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.

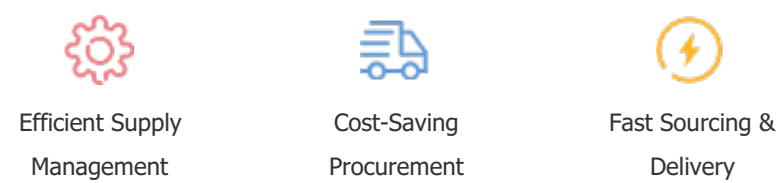
Payment Support

The payment method can be chosen from the methods shown below:

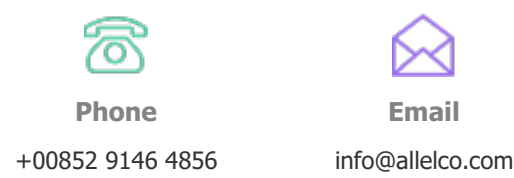
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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