



FFPF30UP20STU

Manufacturer Part Number	FFPF30UP20STU
Manufacturer	onsemi
Allelco Part Number	32D-FFPF30UP20STU
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GEN PURP 200V 30A TO220F
Package	TO-220-2 Full Pack
Data sheet	FFPF30UP20S.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

FFPF30UP20STU - onsemi.New Original in Stock. Download Linear Technology FFPF30UP20STU datasheet/specifications on AllelcoElec.com.
Request a quote for FFPF30UP20STU, please send us email: info@allelco.com

Specifications

FFPF30UP20STU Tech Specifications

FFPF30UP20STU - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	TO-220-2 Full Pack
Voltage - Forward (Vf) (Max) @ If	1.15 V @ 30 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	-65°C ~ 150°C
Technology	Standard	Mounting Type	Through Hole
Supplier Device Package	TO-220F-2L	Current - Reverse Leakage @ Vr	100 µA @ 200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	30A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	50 ns	Base Product Number	FFPF30

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi FFPF30UP20STU

Product Attribute	NO PICTURE			
Part Number	FFPF30UP20STU	FFPF30U20STU	FFPF20UP40S	FFPF20UP30STU
Manufacturer	onsemi	onsemi	onsemi	onsemi
Base Product Number	FFPF30	FFPF30	FFPF20	FFPF20
Operating Temperature - Junction	-65°C ~ 150°C	-65°C ~ 150°C	-55°C ~ 150°C	-65°C ~ 150°C
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Technology	Standard	Standard	Standard	Standard
Voltage - Forward (Vf) (Max) @ If	1.15 V @ 30 A	1.2 V @ 30 A	1.4 V @ 20 A	1.5 V @ 20 A
Voltage - DC Reverse (Vr) (Max)	200 V	200 V	400 V	300 V
Capacitance @ Vr, F	-	-	-	-
Current - Reverse Leakage @ Vr	100 µA @ 200 V	30 µA @ 200 V	50 µA @ 400 V	100 µA @ 300 V
Supplier Device Package	TO-220F-2L	TO-220F-2L	TO-220F-2L	TO-220F-2L
Package / Case	TO-220-2 Full Pack	TO-220-2 Full Pack	TO-220-2 Full Pack	TO-220-2 Full Pack
Reverse Recovery Time (trr)	50 ns	40 ns	50 ns	35 ns
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Average Rectified (Io)	30A	30A	20A	20A
Series	-	-	-	-
Package	Tube	Tube	Tube	Tube

FFPF30UP20STU Datasheet PDF

Download FFPF30UP20STU pdf datasheets and onsemi documentation for FFPF30UP20STU - onsemi.

Datasheets

[FFPF30UP20S.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](#)













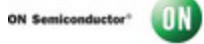





PCN Assembly/Origin

[Wafer Size Update 29/Sep/2014.pdf](#)

 Mult Dev EOL 7/Jul/2021.pdf

Customers Also Interested in

Recommended Products

					
FFPF60SA60DS Fairchild (onsemi)	FFPF60SA60DSTU onsemi DIODE ARRAY GP 600V 8A TO220F	FFPF20UP30DNTU onsemi DIODE ARRAY GP 300V 10A TO220F	FFPF30U20STU onsemi DIODE GEN PURP 200V 30A TO220F	FFPF30U60S Fairchild (onsemi)	FFPF20UP40S onsemi DIODE GEN PURP 400V 20A TO220F
					
FFPF30U60DN Fairchild (onsemi)	FFPF20UP60DN Fairchild (onsemi)	FFPF30UP20DNTU onsemi DIODE ARRAY GP 200V 15A TO220F	FFPF20UP60DNTU onsemi DIODE ARRAY GP 600V 10A TO220F	FFPF30UP20S Fairchild (onsemi)	FFPF20UP40STU Fairchild (onsemi)
					
FFPF20UP30STU onsemi DIODE GEN PURP 300V 20A TO220F	FFPF30U60STU onsemi DIODE GEN PURP 600V 30A TO220F	FFPF30U20S Fairchild (onsemi)	FFPF30U60STTU onsemi DIODE GEN PURP 600V 30A TO220F	FFPF30UA60S onsemi DIODE GEN PURP 600V 30A TO220F	FFPF20UP30DN Fairchild (onsemi)

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



[View More](#)

Contact us

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