

Image may be representation.
See specifications for product details.



STPS30H100DJF-TR

Manufacturer Part Number	STPS30H100DJF-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STPS30H100DJF-TR
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 100V 30A PWRFLAT
Package	8-PowerVDFN
Data sheet	STPS30H100DJF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STPS30H100DJF-TR - STMicroelectronics.New Original in Stock. Download Linear Technology STPS30H100DJF-TR datasheet/specifications on AllelcoElec.com.
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Specifications

STPS30H100DJF-TR Tech Specifications
STPS30H100DJF-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	840 mV @ 30 A	Operating Temperature - Junction	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	100 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	6 µA @ 100 V
Supplier Device Package	PowerFlat™ (5x6)	Current - Average Rectified (Io)	30A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	STPS30
Package / Case	8-PowerVDFN		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STPS30H100DJF-TR

Product Attribute				
Part Number	STPS30H100DJF-TR	STPS3045DJFY-TR	STPS3045DJF-TR	STPS30L120CFP
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Supplier Device Package	PowerFlat™ (5x6)	PowerFlat™ (5x6)	PowerFlat™ (5x6)	TO-220FP
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Voltage - Forward (Vf) (Max) @ If	840 mV @ 30 A	680 mV @ 30 A	640 mV @ 30 A	880 mV @ 15 A
Mounting Type	Surface Mount	Surface Mount, Wettable Flank	Surface Mount	Through Hole
Capacitance @ Vr, F	-	-	-	-
Series	-	Automotive, AEC-Q101	-	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Base Product Number	STPS30	STPS3045	STPS3045	STPS30
Technology	Schottky	Schottky	Schottky	Schottky
Package / Case	8-PowerVDFN	8-PowerVDFN	8-PowerVDFN	TO-220-3 Full Pack
Current - Average Rectified (Io)	30A	30A	30A	-
Operating Temperature - Junction	150°C (Max)	-40°C ~ 175°C	150°C (Max)	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	100 V	45 V	45 V	120 V
Current - Reverse Leakage @ Vr	6 µA @ 100 V	300 µA @ 45 V	300 µA @ 45 V	200 µA @ 120 V

STPS30H100DJF-TR Datasheet PDF

Download STPS30H100DJF-TR pdf datasheets and STMicroelectronics documentation for STPS30H100DJF-TR - STMicroelectronics.

Datasheets

[STPS30H100DJF.pdf](#)

PCN Packaging

[Mult Dev Inner Box Chg 9/Dec/2021.pdf](#)

Customers Also Interested in

Recommended Products



STPS30L120CFP
STMicroelectronics
DIODE ARRAY SCHOTTKY 120V
TO220F

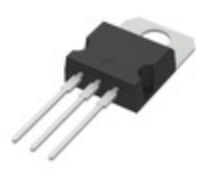
STPS30L120CTN
STMicroelectronics

STPS30H60CFP
STMicroelectronics
DIODE ARRAY SCHOTTKY 60V
TO220FP

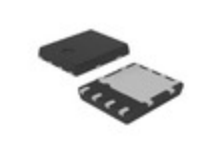
STPS3045CWC
STMicroelectronics

STPS3060CW
STMicroelectronics
DIODE ARRAY SCHOTTKY 60V
TO247-3

STPS3045DJFY-TR
STMicroelectronics
DIODE SCHOTTKY 45V 30A
POWERFLAT

**STPS30H60CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 60V
TO220AB**STPS30H60CR**STMicroelectronics
DIODE ARRAY SCHOTTKY 60V I2PAK**STPS30H60CW**STMicroelectronics
DIODE ARRAY SCHOTTKY 60V
TO247-3**STPS30H100CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
TO220**STPS3045CW**STMicroelectronics
DIODE ARRAY SCHOTTKY 45V
TO247-3**STPS30L120CT**STMicroelectronics
DIODE ARRAY SCHOTTKY 120V
TO220**STPS30H100CW**STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
TO247**STPS30H100CTN**STMicroelectronics
DIODE ARRAY SCHOTTKY 100V
TO220**STPS30L30C**

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**STPS30H60CGY-TR**STMicroelectronics
DIODE ARRAY SCHOTTKY 60V
D2PAK**STPS3045DJF-TR**STMicroelectronics
DIODE SCHOTTKY 45V 30A
POWERFLAT**STPS3045CW MOS**

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 -

 Efficient Supply Management
 Cost-Saving Procurement
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Contact us if you have any questions.

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Certifications & Memberships



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