



Image may be representation.
See specifications for product details.



FERD30H100SB-TR

Manufacturer Part Number	FERD30H100SB-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-FERD30H100SB-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE FERD 100V 30A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	FERD30H100S Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

FERD30H100SB-TR - STMicroelectronics.New Original in Stock. Download Linear Technology FERD30H100SB-TR datasheet/specifications on AllelcoElec.com.
Request a quote for FERD30H100SB-TR, please send us email: info@allelco.com

Specifications

FERD30H100SB-TR Tech Specifications
FERD30H100SB-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	100 V	Operating Temperature - Junction	175°C (Max)
Technology	FERD (Field Effect Rectifier Diode)	Mounting Type	Surface Mount
Supplier Device Package	DPAK	Current - Average Rectified (Io)	30A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	FERD30
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics FERD30H100SB-TR

Product Attribute				
Part Number	FERD30H100SB-TR	FERD30H100STS	FERD30SM100DJFTR	FERD20U60DJF-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	FERD30	FERD30	FERD30	FERD20
Series	-	-	ECOPACK®2	-
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-220-3	8-PowerVDFN	8-PowerVDFN
Supplier Device Package	DPAK	TO-220AB	PowerFlat™ (5x6)	PowerFlat™ (5x6)
Technology	FERD (Field Effect Rectifier Diode)	FERD (Field Effect Rectifier Diode)	FERD (Field Effect Rectifier Diode)	FERD (Field Effect Rectifier Diode)
Operating Temperature - Junction	175°C (Max)	175°C (Max)	175°C (Max)	150°C (Max)
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	100 V	100 V	100 V	60 V
Capacitance @ Vr, F	-	-	-	-
Current - Average Rectified (Io)	30A	30A	30A	20A

FERD30H100SB-TR Datasheet PDF

Download FERD30H100SB-TR pdf datasheets and STMicroelectronics documentation for FERD30H100SB-TR - STMicroelectronics.

Datasheets

[FERD30H100S Datasheet.pdf](#)

PCN Packaging

[Reel Design Change 22/Aug/2022.pdf](#)

PCN Assembly/Origin

[FERD 20/Feb/2018.pdf](#)

Customers Also Interested in

Recommended Products



FERD30H100STS
STMicroelectronics
DIODE FERD 100V 30A TO220AB



FERD30SM100DJFTR
STMicroelectronics
DIODE FERD 100V 30A POWERFLAT



FERD20U60DJF-TR
STMicroelectronics
DIODE FERD 60V 20A POWERFLAT



FERD30H60CG-TR
STMicroelectronics
DIODE ARRAY 60V 15A D2PAK



FERD20S100SH
STMicroelectronics
DIODE FERD 100V 20A TO251



FERD20H100STS
STMicroelectronics
DIODE FERD 100V 20A TO220



FERD20S100SB-TR
STMicroelectronics
DIODE FERD 100V 20A DPAK



FERD30SM100ST
STMicroelectronics
DIODE FERD 100V 30A TO220



FERD30M45CG-TR
STMicroelectronics
DIODE ARRAY 45V 15A D2PAK



FERD20H60CTS
STMicroelectronics
DIODE ARRAY 60V 10A TO220AB



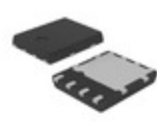
FERD30M45CR
STMicroelectronics
DIODE ARRAY 45V 30A 12PAK



FERD20U60DJFD-TR
STMicroelectronics
DIODE FERD 60V 20A POWERFLAT



FERD20L60CTS
STMicroelectronics
DIODE ARRAY 60V 10A TO220AB



FERD30S50DJF-TR
STMicroelectronics
DIODE FERD 50V 30A POWERFLAT



FERD30H60CTS
STMicroelectronics
DIODE ARRAY 60V 15A TO220AB



FERD20S100STS
STMicroelectronics
DIODE FERD 100V 20A TO220AB



FERD20U50DJF-TR
STMicroelectronics
DIODE FERD 50V 20A POWERFLAT



FERD30M45CT
STMicroelectronics
DIODE ARRAY 45V 15A TO220AB

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

Contact us if you have any questions.

 Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



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