



Image may be representation.
See specifications for product details.



PMEG4030ER,115

Manufacturer Part Number	PMEG4030ER,115
Manufacturer	Nexperia
Allelco Part Number	32D-PMEG4030ER,115
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 40V 3A SOD123W
Package	SOD-123W
Data sheet	PMEG4030ER/S500x,115 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PMEG4030ER,115 - Nexperia USA Inc..New Original in Stock. Download Linear Technology PMEG4030ER,115 datasheet/specifications on AllelcoElec.com.
Request a quote for PMEG4030ER,115, please send us email: info@allelco.com

Specifications

PMEG4030ER,115 Tech Specifications
PMEG4030ER,115 - Nexperia USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Nexperia	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	540 mV @ 3 A	Operating Temperature - Junction	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	100 µA @ 40 V
Supplier Device Package	SOD-123W	Current - Average Rectified (Io)	3A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	250pF @ 1V, 1MHz
Series	-	Base Product Number	PMEG4030
Package / Case	SOD-123W		

Parts with Similar Specifications

The three parts on the right have similar specifications to Nexperia USA Inc. PMEG4030ER,115

Product Attribute				
Part Number	PMEG4030ER,115	PMEG4020ER,115	PMEG4030ER115	PMEG4030ER/S501X
Manufacturer	Nexperia USA Inc.	Nexperia USA Inc.	NXP USA Inc.	Nexperia USA Inc.
Current - Reverse Leakage @ Vr	100 µA @ 40 V	100 µA @ 40 V	-	100 µA @ 40 V
Base Product Number	PMEG4030	PMEG4020	-	-
Voltage - Forward (Vf) (Max) @ If	540 mV @ 3 A	490 mV @ 2 A	-	540 mV @ 3 A
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	-	Fast Recovery =< 500ns, > 200mA (Io)
Package / Case	SOD-123W	SOD-123W	-	SOD-123W
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Bulk
Current - Average Rectified (Io)	3A	2A	-	3A
Capacitance @ Vr, F	250pF @ 1V, 1MHz	95pF @ 10V, 1MHz	-	250pF @ 1V, 1MHz
Technology	Schottky	Schottky	-	Schottky
Series	-	Automotive, AEC-Q101	*	Automotive, AEC-Q101
Supplier Device Package	SOD-123W	SOD-123W	-	SOD-123W
Operating Temperature - Junction	150°C (Max)	150°C (Max)	-	150°C
Voltage - DC Reverse (Vr) (Max)	40 V	40 V	-	40 V

PMEG4030ER,115 Datasheet PDF

Download PMEG4030ER,115 pdf datasheets and Nexperia USA Inc. documentation for PMEG4030ER,115 - Nexperia USA Inc..

Datasheets

[PMEG4030ER/S500x,115 Datasheet.pdf](#)

PCN Packaging

[All Dev Label Chgs 2/Aug/2020.pdf](#)

[Mult Dev Pkg Chgs 15/Feb/2022.pdf](#)

PCN Design/Specification

[Resin Hardener 02/Jul/2013.pdf](#)

[PMEG40x0ER 10/Oct/2022.pdf](#)

PCN Assembly/Origin

[Wafer Size Change.pdf](#)

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Nexperia USA Inc.
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PMEG40T20ERX

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DIODE SCHOTTKY 40V 2A SOD123W

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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.



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 Cost-Saving Procurement
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Certifications & Memberships



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