



PMR280UN,115

Manufacturer Part Number	PMR280UN,115
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-PMR280UN,115
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET N-CH 20V 980MA SC75
Package	SC-75, SOT-416
Data sheet	PMR280UN.pdf
RoHs Status	 ROHS3 Compliant


[Get a Quote](#)

PMR280UN,115 - NXP USA Inc..New Original in Stock. Download Linear Technology PMR280UN,115 datasheet/specifications on AllelcoElec.com.

Request a quote for PMR280UN,115, please send us email: info@allelco.com

Specifications





PMR280UN,115 Tech Specifications

PMR280UN,115 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	1V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±8V	Input Capacitance (Ciss) (Max) @ Vds	45 pF @ 20 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	0.89 nC @ 4.5 V
Supplier Device Package	SC-75	FET Type	N-Channel
Series	TrenchMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	340mOhm @ 200mA, 4.5V	Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V
Power Dissipation (Max)	530mW (Tc)	Drain to Source Voltage (Vdss)	20 V
Package / Case	SC-75, SOT-416	Current - Continuous Drain (Id) @ 25°C	980mA (Tc)
Package	Tape & Reel (TR)	Base Product Number	PMR2

Parts with Similar Specifications


The three parts on the right have similar specifications to NXP USA Inc. PMR280UN,115

Product Attribute	 NO PICTURE			
Part Number	PMR280UN,115	PMR290XN,115	PMR400UN,115	PMR290UNE,115
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Vgs(th) (Max) @ Id	1V @ 250µA	1.5V @ 250µA	1V @ 250µA	950mV @ 250µA
Drain to Source Voltage (Vdss)	20 V	20 V	30 V	20 V
Series	TrenchMOS™	TrenchMOS™	TrenchMOS™	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Base Product Number	PMR2	PMR2	PMR4	PMR2
Package / Case	SC-75, SOT-416	SC-75, SOT-416	SC-75, SOT-416	SC-75, SOT-416
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Input Capacitance (Ciss) (Max) @ Vds	45 pF @ 20 V	34 pF @ 20 V	43 pF @ 25 V	83 pF @ 10 V
Rds On (Max) @ Id, Vgs	340mOhm @ 200mA, 4.5V	350mOhm @ 200mA, 4.5V	480mOhm @ 200mA, 4.5V	380mOhm @ 500mA, 4.5V
FET Feature	-	-	-	-
Gate Charge (Qg) (Max) @ Vgs	0.89 nC @ 4.5 V	0.72 nC @ 4.5 V	0.89 nC @ 4.5 V	0.68 nC @ 4.5 V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Power Dissipation (Max)	530mW (Tc)	530mW (Tc)	530mW (Tc)	250mW (Ta), 770mW (Tc)
Current - Continuous Drain (Id) @ 25°C	980mA (Tc)	970mA (Tc)	800mA (Tc)	700mA (Ta)
Vgs (Max)	±8V	±12V	±8V	±8V
Supplier Device Package	SC-75	SC-75	SC-75	SC-75
Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V	2.5V, 4.5V	1.8V, 4.5V	1.8V, 4.5V


PMR280UN,115 Datasheet PDF

Download PMR280UN,115 pdf datasheets and NXP USA Inc. documentation for PMR280UN,115 - NXP USA Inc..

Datasheets

 PMR280UN.pdf
--

PCN Packaging

 All Dev Label Update 15/Dec/2020.pdf
--

Environmental Information

--	--

PCN Obsolescence/ EOL


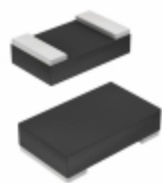

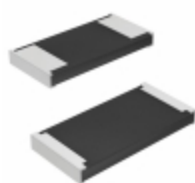







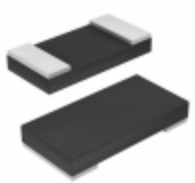

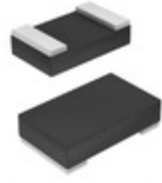

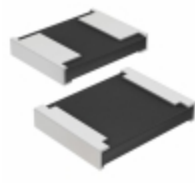
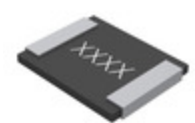

Advance Notice SOT416 Devices 02/Sep/2014.pdf

MCU Dip Supply Situation 12/May/2015.pdf

Multiple Devices 01/Jul/2014.pdf

Customers Also Interested in

Recommended Products

 PMR290UNE Freescale / NXP Semiconductors	 PMR10EZPFU5L00 LAPIS Semiconductor RES 0.005 OHM 1% 1/2W 0805	 PMR100HZPFV1L00 Rohm Semiconductor RES 0.001 OHM 1% 2W 2512	 PMR100HZPFV2L00 LAPIS Semiconductor RES 0.002 OHM 1% 2W 2512	 PMR290XN,115 NXP USA Inc. MOSFET N-CH 20V 970MA SC75	 PMR100PZPFV2L00 LAPIS Technology
 PMR370XN Freescale / NXP Semiconductors	 PMR290XN Freescale / NXP Semiconductors	 PMR5118UWP Flex Power Modules DC DC CONVERTER 0.7-3.6V 180W	 PMR100PZPFU7L00 LAPIS Technology	 PMR400UN,115 NXP USA Inc. MOSFET N-CH 30V 800MA SC75	 PMR18EZPFV2L00 LAPIS Semiconductor RES 0.002 OHM 1% 1W 1206
 PMR280UN/DG Freescale / NXP Semiconductors	 PMR10EZPFV3L00 Rohm Semiconductor RES 0.003 OHM 1% 1/2W 0805	 PMR290UNE,115 NXP USA Inc. MOSFET N-CH 20V 700MA SC75	 PMR25HZPFU5L00 LAPIS Semiconductor RES 0.005 OHM 1% 1W 1210	 PMR25HZPFV1L00 Rohm Semiconductor RES 0.001 OHM 1% 1W 1210	 PMR280UN Freescale / NXP Semiconductors

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



View More