



PMV48XP,215

Manufacturer Part Number	PMV48XP,215
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-PMV48XP,215
ECAD Model	Request Free CAD Models
Parts Description	NOW NEXPERIA PMV48XP - SMALL SIG
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	PMV48xP,215 Datasheet.pdf

Get a Quote

PMV48XP,215 - NXP Semiconductors. New Original in Stock. Download Linear Technology PMV48XP,215 datasheet/specifications on AllelcoElec.com.
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Specifications

PMV48XP,215 Tech Specifications
PMV48XP,215 - NXP Semiconductors 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	1.25V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±12V	Input Capacitance (Ciss) (Max) @ Vds	1000 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	11 nC @ 4.5 V
Supplier Device Package	TO-236AB	FET Type	P-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	55mOhm @ 2.4A, 4.5V	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Power Dissipation (Max)	510mW (Ta)	Drain to Source Voltage (Vdss)	20 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	3.5A (Ta)
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP Semiconductors PMV48XP,215

Product Attribute	NO PICTURE			
Part Number	PMV48XP,215	PMV450ENEAR	PMV50UPE,215	PMV50EPEAR
Manufacturer	NXP Semiconductors	Nexperia USA Inc.	Nexperia USA Inc.	NXP USA Inc.
Drain to Source Voltage (Vdss)	20 V	60 V	20 V	30 V
Supplier Device Package	TO-236AB	TO-236AB	TO-236AB	SOT-23
Power Dissipation (Max)	510mW (Ta)	323mW (Ta), 554mW (Tc)	500mW (Ta)	310mW (Ta), 455mW (Tc)
Rds On (Max) @ Id, Vgs	55mOhm @ 2.4A, 4.5V	380mOhm @ 900mA, 10V	66mOhm @ 3.2A, 4.5V	45mOhm @ 4.2A, 10V
Vgs(th) (Max) @ Id	1.25V @ 250µA	2.7V @ 250µA	900mV @ 250µA	3V @ 250µA
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
FET Feature	-	-	-	-
Vgs (Max)	±12V	±20V	±8V	±20V
Series	-	Automotive, AEC-Q101	-	-
Input Capacitance (Ciss) (Max) @ Vds	1000 pF @ 10 V	101 pF @ 30 V	24 pF @ 10 V	793 pF @ 15 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V	4.5V, 10V	1.8V, 4.5V	4.5V, 10V
Current - Continuous Drain (Id) @ 25°C	3.5A (Ta)	800mA (Ta)	3.2A (Ta)	4.2A (Ta)
Gate Charge (Qg) (Max) @ Vgs	11 nC @ 4.5 V	3.6 nC @ 10 V	15.7 nC @ 4.5 V	19.2 nC @ 10 V
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
FET Type	P-Channel	N-Channel	P-Channel	P-Channel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

PMV48XP,215 Datasheet PDF

Download PMV48XP,215 pdf datasheets and NXP Semiconductors documentation for PMV48XP,215 - NXP Semiconductors.

Datasheets

PMV48xP,215 Datasheet.pdf

Customers Also Interested in

Recommended Products



PMV45EN Freescale / NXP Semiconductors	PMV50EPEA Nexperia	PMV45EN2 Freescale / NXP Semiconductors	PMV50UPE Nexperia	PMV450ENEAR Nexperia USA Inc. MOSFET N-CH 60V 800MA TO236AB	PMV50UPE,215 Nexperia USA Inc. MOSFET P-CH 20V 3.2A TO236AB
					
PMV48XP+215 Freescale / NXP Semiconductors	PMV50EPEAR NXP USA Inc. PMV50EPEA - 30 V, P-CHANNEL TREN	PMV48XPA Nexperia	PMV45EN2R Nexperia USA Inc. MOSFET N-CH 30V 4.1A TO236AB	PMV50ENEA Freescale / NXP Semiconductors	PMV45EN,215 NXP USA Inc. MOSFET N-CH 30V 5.4A TO236AB
					
PMV45EN2215 NXP USA Inc. SMALL SIGNAL N-CHANNEL MOSFET	PMV48XP,215 Nexperia USA Inc. MOSFET P-CH 20V 3.5A TO236AB	PMV45EN2,215 Freescale / NXP Semiconductors	PMV50EPEAR Nexperia USA Inc. MOSFET P-CH 30V 4.2A TO236AB	PMV50XP Nexperia	PMV48XP Nexperia

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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Contact us if you have any questions.



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+00852 9146 4856



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