



Image may be representation.
See specifications for product details.



MPXV5100GC7U

Manufacturer Part Number	MPXV5100GC7U
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MPXV5100GC7U
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	SENSOR 14.5PSIG 0.13" 4.7V 8DIP
Package	8-DIP (0.550", 13.97mm), Top Port
Data sheet	MPX5100, MPXV5100 Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MPXV5100GC7U - NXP USA Inc..New Original in Stock. Download Linear Technology MPXV5100GC7U datasheet/specifications on AllelcoElec.com.
Request a quote for MPXV5100GC7U, please send us email: info@allelco.com

Specifications

MPXV5100GC7U Tech Specifications
MPXV5100GC7U - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Output Type	Analog Voltage
Voltage - Supply	4.75V ~ 5.25V	Output	0.2 V ~ 4.7 V
Termination Style	PC Pin	Operating Temperature	-40°C ~ 125°C
Supplier Device Package	8-DIP	Operating Pressure	14.5PSI (100kPa)
Series	MPXV5100	Mounting Type	Through Hole
Pressure Type	Vented Gauge	Maximum Pressure	58.02PSI (400kPa)
Port Style	Barbless	Features	Temperature Compensated
Port Size	Male - 0.13" (3.17mm) Tube	Base Product Number	MPXV5100
Package / Case	8-DIP (0.550", 13.97mm), Top Port	Applications	Board Mount
Package	Tube	Accuracy	±2.5%

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MPXV5100GC7U

Product Attribute					
Part Number	MPXV5100GC7U	MPXV6115V6T1	MPXV7002DPT1	MPXV5100GP	
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	
Operating Pressure	14.5PSI (100kPa)	-16.68PSI (-115kPa)	±0.29PSI (±2kPa)	14.5PSI (100kPa)	
Accuracy	±2.5%	±1.5%	±5%	±2.5%	
Base Product Number	MPXV5100	MPXV6115	MPXV7002	MPXV5100	
Output Type	Analog Voltage	Analog Voltage	Analog Voltage	Analog Voltage	
Applications	Board Mount	Board Mount	Board Mount	Board Mount	
Pressure Type	Vented Gauge	Vacuum	Differential	Vented Gauge	
Maximum Pressure	58.02PSI (400kPa)	-58.02PSI (-400kPa)	±10.88PSI (±75kPa)	58.02PSI (400kPa)	
Supplier Device Package	8-DIP	8-SOP	8-SOP	8-SOP	
Port Style	Barbless	No Port	Barbed	Barbless	
Output	0.2 V ~ 4.7 V	0.2 V ~ 4.6 V	0.5 V ~ 4.5 V	0.2 V ~ 4.7 V	
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	
Series	MPXV5100	-	MPXV7002	MPXV5100	
Features	Temperature Compensated	Temperature Compensated	Temperature Compensated	Temperature Compensated	
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount	
Termination Style	PC Pin	-	Gull Wing	Gull Wing	
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tray	
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	10°C ~ 60°C	-40°C ~ 125°C	
Package / Case	8-DIP (0.550", 13.97mm), Top Port	8-SMD, Gull Wing	8-BSOP (0.475', 12.06mm Width) Dual Ports, Same Side	8-SMD, Gull Wing, Side Port	
Port Size	Male - 0.13" (3.17mm) Tube	-	Male - 0.13" (3.3mm) Tube, Dual	Male - 0.13" (3.17mm) Tube	

MPXV5100GC7U Datasheet PDF

Download MPXV5100GC7U pdf datasheets and NXP USA Inc. documentation for MPXV5100GC7U - NXP USA Inc..

Datasheets

[MPX5100, MPXV5100 Series.pdf](#)

PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

Environmental Information

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
MPXV6115V6T1 NXP USA Inc. SENSOR 16.68PSI 4.6V 8SOP	MPXV7002DPT1 NXP USA Inc. SENSOR 0.29PSID 0.13" 4.5V 8SOP	MPXV5100GP NXP USA Inc. SENSOR 14.5PSIG 0.13" 4.7V 8SOP	MPXV5050GP NXP USA Inc. SENSOR 7.25PSIG 0.13" 4.7V 8SOP	MPXV5050VC6T1 NXP USA Inc. SENSOR 7.25PSI 0.13" 4.6V	MPXV5100DP NXP USA Inc. SENSOR 14.5PSID 0.13" 4.7V 8SOP
					
MPXV5050DP NXP USA Inc. SENSOR 7.25PSID 0.13" 4.7V 8SOP	MPXV5100GC6U Freescale Semiconductor SENSOR 14.5PSIG 0.13" 4.7V	MPXV6115V6U NXP USA Inc. SENSOR 16.68PSI 4.6V 8SOP	MPXV7002GC6U NXP USA Inc. SENSOR 0.29PSIC 0.13" 4.5V	MPXV6115VC6U NXP USA Inc. SENSOR 16.68PSI 0.13" 4.6V	MPXV7002DP NXP USA Inc. SENSOR 0.29PSID 0.13" 4.5V 8SOP
					
MPXV5010GP NXP USA Inc. SENSOR 1.45PSIG 0.13" 4.7V 8SOP	MPXV7007DP NXP USA Inc. SENSOR 1.02PSID 0.13" 4.5V 8SOP	MPXV6115V6T1 Freescale Semiconductor SENSOR 16.68PSI 4.6V 8SOP	MPXV5010GC7U NXP USA Inc. SENSOR 1.45PSIG 0.13" 4.7V 8DIP	MPXV53GC7U NXP USA Inc. SENSOR 7.25PSIG 0.13" .06V 8DIP	MPXV5100DP Freescale Semiconductor SENSOR 14.5PSID 0.13" 4.7V 8SOP

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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