



Image may be representation.  
See specifications for product details.



## MPXV5010GC7U

Manufacturer Part Number	<b>MPXV5010GC7U</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MPXV5010GC7U
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	<b>SENSOR 1.45PSIG 0.13" 4.7V 8DIP</b>
Package	<b>8-DIP (0.550', 13.97mm), Top Port</b>
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MPXV5010GC7U - NXP USA Inc..New Original in Stock. Download Linear Technology MPXV5010GC7U datasheet/specifications on AllelcoElec.com.  
Request a quote for MPXV5010GC7U, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MPXV5010GC7U Tech Specifications  
MPXV5010GC7U - 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	1.45PSI (10kPa)
Series	MPXV5010	Mounting Type	Through Hole
Pressure Type	Vented Gauge	Maximum Pressure	5.8PSI (40kPa)
Port Style	Barbless	Features	Temperature Compensated
Port Size	Male - 0.13' (3.17mm) Tube	Base Product Number	MPXV5010
Package / Case	8-DIP (0.550', 13.97mm), Top Port	Applications	Board Mount
Package	Tube	Accuracy	±5%

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MPXV5010GC7U

Product Attribute				
Part Number	MPXV5010GC7U	MPXV5010GC6U	MPXV5050VC6T1	MPXV5010DP
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Applications	Board Mount	Board Mount	Board Mount	Board Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Features	Temperature Compensated	Temperature Compensated	Temperature Compensated	Temperature Compensated
Port Style	Barbless	Barbless	Barbless	Barbed
Port Size	Male - 0.13' (3.17mm) Tube	Male - 0.13" (3.17mm) Tube	Male - 0.13' (3.17mm) Tube	Male - 0.13' (3.3mm) Tube, Dual
Package / Case	8-DIP (0.550', 13.97mm), Top Port	8-SMD, Gull Wing, Top Port	8-SMD, Gull Wing, Top Port	8-BSOP (0.475', 12.06mm Width) Dual Ports, Same Side
Termination Style	PC Pin	Gull Wing	Gull Wing	Gull Wing
Output Type	Analog Voltage	Analog Voltage	Analog Voltage	Analog Voltage
Supplier Device Package	8-DIP	-	-	8-SOP
Accuracy	±5%	±5%	±2.5%	±5%
Output	0.2 V ~ 4.7 V	0.2 V ~ 4.7 V	0.1 V ~ 4.6 V	0.2 V ~ 4.7 V
Series	MPXV5010	MPXV5010	MPXV5050V	MPXV5010
Operating Pressure	1.45PSI (10kPa)	1.45PSI (10kPa)	-7.25PSI (-50kPa)	1.45PSI (10kPa)
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V
Base Product Number	MPXV5010	MPXV5	MPXV5050	MPXV5010
Pressure Type	Vented Gauge	Vented Gauge	Vacuum	Differential
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tube	Tape & Reel (TR)	Tray
Maximum Pressure	5.8PSI (40kPa)	5.8PSI (40kPa)	-29.01PSI (-200kPa)	5.8PSI (40kPa)

### MPXV5010GC7U Datasheet PDF

Download MPXV5010GC7U pdf datasheets and NXP USA Inc. documentation for MPXV5010GC7U - NXP USA Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

[2.73KHz.pdf](#)

#### Environmental Information

## Customers Also Interested in

### Recommended Products



**MPXV5010GC6U**  
NXP USA Inc.  
SENSOR 1.45PSIG 0.13" 4.7V



**MPXV5050VC6T1**  
NXP USA Inc.  
SENSOR 7.25PSI 0.13" 4.6V



**MPXV5010DP**  
NXP USA Inc.  
SENSOR 1.45PSID 0.13" 4.7V 8SOP



**MPXV5050DP**  
NXP USA Inc.  
SENSOR 7.25PSID 0.13" 4.7V 8SOP



**MPXV5004GC6T1**  
NXP USA Inc.  
SENSOR 0.57PSIG 0.13" 4.9V



**MPXV5100GC6U**  
Freescale Semiconductor  
SENSOR 14.5PSIG 0.13" 4.7V



**MPXV5004GVP**  
Freescale Semiconductor  
SENSOR 0.57PSIG 0.13" 4.9V 8SOP



**MPXV5004GVP**  
NXP USA Inc.  
SENSOR 0.57PSIG 0.13" 4.9V 8SOP



**MPXV5010GC6T1**  
NXP USA Inc.  
SENSOR 1.45PSIG 0.13" 4.7V



**MPXV5100GC6U**  
NXP USA Inc.  
SENSOR 14.5PSIG 0.13" 4.7V



**MPXV5010GP**  
NXP USA Inc.  
SENSOR 1.45PSIG 0.13" 4.7V 8SOP



**MPXV5050GP**  
NXP USA Inc.  
SENSOR 7.25PSIG 0.13" 4.7V 8SOP



**MPXV5004G**  
Freescale / NXP Semiconductors



**MPXV5100DP**  
Freescale Semiconductor  
SENSOR 14.5PSID 0.13" 4.7V 8SOP



**MPXV5004GC6U**  
NXP USA Inc.  
SENSOR 0.57PSIG 0.13" 4.9V



**MPXV4006GC6U**  
NXP USA Inc.  
SENSOR 0.87PSIG 0.13" 4.7V



**MPXV5100GC7U**  
NXP USA Inc.  
SENSOR 14.5PSIG 0.13" 4.7V 8DIP



**MPXV5100DP**  
NXP USA Inc.  
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 Alleco 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  
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- Email  
info@alleco.com

### Certifications & Memberships



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