



Image may be representation.  
See specifications for product details.



## MPX5050DP

Manufacturer Part Number	<b>MPX5050DP</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MPX5050DP
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	<b>SENSOR 7.25PSID 0.19" 4.7V</b>
Package	<b>6-SIP Module</b>
Data sheet	<b>MPX5050, MPXV5050G Series.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MPX5050DP - NXP USA Inc..New Original in Stock. Download Linear Technology MPX5050DP datasheet/specifications on AllelcoElec.com.  
Request a quote for MPX5050DP, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MPX5050DP Tech Specifications  
MPX5050DP - 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	-	Operating Pressure	7.25PSI (50kPa)
Series	MPX5050	Mounting Type	Through Hole
Pressure Type	Differential	Maximum Pressure	29.01PSI (200kPa)
Port Style	Barbed	Features	Temperature Compensated
Port Size	Male - 0.19" (4.93mm) Tube, Dual	Base Product Number	MPX5050
Package / Case	6-SIP Module	Applications	Board Mount
Package	Tray	Accuracy	±2.5%

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MPX5050DP

Product Attribute				
Part Number	MPX5050DP	<a href="#">MPX5010GP</a>	<a href="#">MPX5050GP</a>	<a href="#">MPX4250AP</a>
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Termination Style	PC Pin	PC Pin	PC Pin	PC Pin
Supplier Device Package	-	-	-	-
Package	Tray	Tray	Tray	Tray
Port Size	Male - 0.19" (4.93mm) Tube, Dual	Male - 0.19" (4.93mm) Tube	Male - 0.19" (4.93mm) Tube	Male - 0.19" (4.93mm) Tube
Output	0.2 V ~ 4.7 V	0.2 V ~ 4.7 V	0.2 V ~ 4.7 V	0.2 V ~ 4.9 V
Features	Temperature Compensated	Temperature Compensated	Temperature Compensated	Temperature Compensated
Output Type	Analog Voltage	Analog Voltage	Analog Voltage	Analog Voltage
Port Style	Barbed	Barbed	Barbed	Barbed
Applications	Board Mount	Board Mount	Board Mount	Board Mount
Pressure Type	Differential	Vented Gauge	Vented Gauge	Absolute
Package / Case	6-SIP Module	6-SIP Module	6-SIP Module	6-SIP Module
Series	MPX5050	MPX5010	MPX5050	MPX4250A
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Maximum Pressure	29.01PSI (200kPa)	5.8PSI (40kPa)	29.01PSI (200kPa)	145.04PSI (1000kPa)
Operating Pressure	7.25PSI (50kPa)	1.45PSI (10kPa)	7.25PSI (50kPa)	2.9 ~ 36.26PSI (20 ~ 250kPa)
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.85V ~ 5.35V
Base Product Number	MPX5050	MPX5010	MPX5050	MPX4250
Accuracy	±2.5%	±5%	±2.5%	±1.5%
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole

### MPX5050DP Datasheet PDF

Download MPX5050DP pdf datasheets and NXP USA Inc. documentation for MPX5050DP - NXP USA Inc..

#### Datasheets

[MPX5050, MPXV5050G Series.pdf](#)

#### Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

### Customers Also Interested in

## Recommended Products



### MPX5010GP

NXP USA Inc.  
SENSOR 1.45PSIG 0.19" 4.7V



### MPX5050GP

NXP USA Inc.  
SENSOR 7.25PSIG 0.19" 4.7V



### MPX4250AP

NXP USA Inc.  
SENSOR 36.26PSIA 0.19" 4.9V



### MPX4115AS

NXP USA Inc.  
SENSOR 16.68PSIA 0.19" 4.8V



### MPX5100GP

NXP USA Inc.  
SENSOR 14.5PSIG 0.19" 4.7V



### MPX53GP

NXP USA Inc.  
SENSOR 7.25PSIG 0.19" .06V



### MPX5100DP

NXP USA Inc.  
SENSOR 14.5PSID 0.19" 4.7V



### MPX53DP

NXP USA Inc.  
SENSOR 7.25PSID 0.19" .06V



### MPX4250A

NXP USA Inc.  
SENSOR 29.01PSIA 4.9V



### MPX4250DP

NXP USA Inc.  
SENSOR 36.26PSID 0.19" 4.9V



### MPX4115AP

NXP USA Inc.  
SENSOR 16.68PSIA 0.19" 4.8V



### MPX5100AP

NXP USA Inc.  
SENSOR 16.68PSIA 0.19" 4.7V



### MPX4200A

Freescall Semiconductor  
SENSOR 29.01PSIA 4.9V



### MPX53D

NXP USA Inc.  
SENSOR 7.25PSID .06V



### MPX4200A

NXP USA Inc.  
SENSOR 29.01PSIA 4.9V 6PIN



### MPX5100DP

Freescall Semiconductor  
SENSOR 14.5PSID 0.19" 4.7V



### MPX5010DP

NXP USA Inc.  
SENSOR 1.45PSID 0.19" 4.7V



### MPX5500DP

NXP USA Inc.  
SENSOR 72.52PSID 0.19" 4.7V

## 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



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