

Image may be representation.  
See specifications for product details.



## MCP4922-E/P

Manufacturer Part Number	<b>MCP4922-E/P</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP4922-E/P
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 12BIT V-OUT 14DIP
Package	14-DIP (0.300", 7.62mm)
Data sheet	<b>MCP4902,4912,4922.pdf</b>
RoHs Status	ROHS3 Compliant

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MCP4922-E/P - Microchip Technology. New Original in Stock. Download Linear Technology MCP4922-E/P datasheet/specifications on AllelcoElec.com. Request a quote for MCP4922-E/P, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP4922-E/P Tech Specifications

MCP4922-E/P - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 125°C
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	2
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	12
Supplier Device Package	14-PDIP	Mounting Type	Through Hole
Settling Time	4.5µs (Typ)	INL/DNL (LSB)	±4, ±0.25
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	14-DIP (0.300", 7.62mm)	Base Product Number	MCP4922
Package	Tube	Architecture	String DAC
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP4922-E/P

Product Attribute				
Part Number	MCP4922-E/P	MCP4922-E/ST	MCP4911T-E/MC	MCP4911T-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Settling Time	4.5µs (Typ)	4.5µs (Typ)	4.5µs (Typ)	4.5µs (Typ)
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Data Interface	SPI	SPI	SPI	SPI
Differential Output	No	No	No	No
Supplier Device Package	14-PDIP	14-TSSOP	8-DFN (2x3)	8-SOIC
Base Product Number	MCP4922	MCP4922	MCP4911	MCP4911
Number of Bits	12	12	10	10
Architecture	String DAC	String DAC	String DAC	String DAC
Number of D/A Converters	2	2	1	1
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Reference Type	External	External	External	External
INL/DNL (LSB)	±4, ±0.25	±4, ±0.25	±1, ±0.2	±1, ±0.2
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	14-DIP (0.300", 7.62mm)	14-TSSOP (0.173", 4.40mm Width)	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Series	-	-	-	-

### MCP4922-E/P Datasheet PDF

Download MCP4922-E/P pdf datasheets and Microchip Technology documentation for MCP4922-E/P - Microchip Technology.

#### Datasheets

[MCP4902,4912,4922.pdf](#)

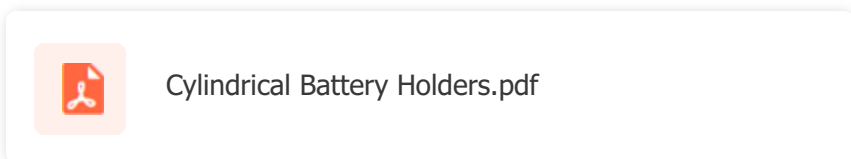
#### PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)



Customers Also Interested in

Recommended Products

<b>MCP55-PRO-N-A2</b> NVIDIA	<b>MCP4922-E/ST</b> Microchip Technology IC DAC 12BIT V-OUT 14TSSOP	<b>MCP4911T-E/MC</b> Microchip Technology IC DAC 10BIT V-OUT 8DFN	<b>MCP4911T-E/SN</b> Microchip Technology IC DAC 10BIT V-OUT 8SOIC	<b>MCP4921T-E/SN</b> Microchip Technology IC DAC 12BIT V-OUT 8SOIC	<b>MCP4921-E/P</b> Microchip Technology IC DAC 12BIT V-OUT 8DIP
<b>MCP4922-E/SL</b> Microchip Technology IC DAC 12BIT V-OUT 14SOIC	<b>MCP4921-E/SN</b> Microchip Technology IC DAC 12BIT V-OUT 8SOIC	<b>MCP4921T-E/MS</b> Microchip Technology IC DAC 12BIT V-OUT 8MSOP	<b>MCP508AU</b> BB	<b>MCP4912-E/ST</b> Microchip Technology IC DAC 10BIT V-OUT 14TSSOP	<b>MCP4922T-E/ST</b> Microchip Technology IC DAC 12BIT V-OUT 14TSSOP
<b>MCP4922T-E/SL</b> Microchip Technology IC DAC 12BIT V-OUT 14SOIC	<b>MCP5566MZP132</b> Freescale / NXP Semiconductors	<b>MCP508AP</b> BB	<b>MCP4921-E/MS</b> Microchip Technology IC DAC 12BIT V-OUT 8MSOP	<b>MCP4912T-E/ST</b> Microchip Technology IC DAC 10BIT V-OUT 14TSSOP	<b>MCP4912-E/SL</b> Microchip Technology IC DAC 10BIT V-OUT 14SOIC

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.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



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