

Image may be representation.  
See specifications for product details.



## MCP4911T-E/MC

Manufacturer Part Number	<b>MCP4911T-E/MC</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP4911T-E/MC
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 10BIT V-OUT 8DFN
Package	8-VDFN Exposed Pad
Data sheet	<b>MCP4901,11,21.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MCP4911T-E/MC - Microchip Technology. New Original in Stock. Download Linear Technology MCP4911T-E/MC datasheet/specifications on AllelcoElec.com.  
Request a quote for MCP4911T-E/MC, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP4911T-E/MC Tech Specifications

MCP4911T-E/MC - 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	1
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	10
Supplier Device Package	8-DFN (2x3)	Mounting Type	Surface Mount
Settling Time	4.5µs (Typ)	INL/DNL (LSB)	±1, ±0.2
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	8-VDFN Exposed Pad	Base Product Number	MCP4911
Package	Tape & Reel (TR)	Architecture	String DAC
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP4911T-E/MC

Product Attribute				
Part Number	MCP4911T-E/MC	MCP4921T-E/MS	MCP4921-E/P	MCP4921T-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Reference Type	External	External	External	External
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
INL/DNL (LSB)	±1, ±0.2	±4, ±0.25	±4, ±0.25	±4, ±0.25
Number of Bits	10	12	12	12
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Base Product Number	MCP4911	MCP4921	MCP4921	MCP4921
Differential Output	No	No	No	No
Settling Time	4.5µs (Typ)	4.5µs (Typ)	4.5µs (Typ)	4.5µs (Typ)
Data Interface	SPI	SPI	SPI	SPI
Package / Case	8-VDFN Exposed Pad	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of D/A Converters	1	1	1	1
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Supplier Device Package	8-DFN (2x3)	8-MSOP	8-PDIP	8-SOIC
Architecture	String DAC	String DAC	String DAC	String DAC

### MCP4911T-E/MC Datasheet PDF

Download MCP4911T-E/MC pdf datasheets and Microchip Technology documentation for MCP4911T-E/MC - Microchip Technology.

#### Datasheets

MCP4901,11,21.pdf

#### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf


Packing Changes 10/Oct/2016.pdf

#### PCN Design/Specification

Lead Frame Update 29/Jun/2015.pdf

Mold Compound Update 18/Feb/2015.pdf

## Other Related Documents

 Development Tools Catalog.pdf

## PCN Assembly/Origin

 Assembly Site 27/Jan/2021.pdf

## Customers Also Interested in

### Recommended Products



#### MCP4921T-E/MS

Microchip Technology  
IC DAC 12BIT V-OUT 8MSOP



#### MCP4921-E/P

Microchip Technology  
IC DAC 12BIT V-OUT 8DIP



#### MCP4921T-E/SN

Microchip Technology  
IC DAC 12BIT V-OUT 8SOIC



#### MCP4822-E/SN

Microchip Technology  
IC DAC 12BIT V-OUT 8SOIC



#### MCP4922-E/P

Microchip Technology  
IC DAC 12BIT V-OUT 14DIP



#### MCP4912-E/SL

Microchip Technology  
IC DAC 10BIT V-OUT 14SOIC



#### MCP4901T-E/MS

Microchip Technology  
IC DAC 8BIT V-OUT 8SOIC



#### MCP4822-E/P

Microchip Technology  
IC DAC 12BIT V-OUT 8DIP



#### MCP48FVB02-E/UN

Microchip Technology  
IC DAC 8BIT V-OUT 10MSOP



#### MCP4822T-E/MS

Microchip Technology  
IC DAC 12BIT V-OUT 8MSOP



#### MCP4921-E/MS

Microchip Technology  
IC DAC 12BIT V-OUT 8MSOP



#### MCP4911T-E/SN

Microchip Technology  
IC DAC 10BIT V-OUT 8SOIC



#### MCP4921-E/SN

Microchip Technology  
IC DAC 12BIT V-OUT 8SOIC



#### MCP4912-E/ST

Microchip Technology  
IC DAC 10BIT V-OUT 14TSSOP



#### MCP4912T-E/ST

Microchip Technology  
IC DAC 10BIT V-OUT 14TSSOP



#### MCP4822-E/MS

Microchip Technology  
IC DAC 12BIT V-OUT 8MSOP



#### MCP4902-E/SL

Microchip Technology  
IC DAC 8BIT V-OUT 14SOIC



#### MCP4911-E/SN

Microchip Technology  
IC DAC 10BIT V-OUT 8SOIC

## 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