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See specifications for product details.



MCP4716A0T-E/MAY

Manufacturer Part Number	MCP4716A0T-E/MAY
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP4716A0T-E/MAY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 10BIT V-OUT 6DFN
Package	6-VDFN Exposed Pad
Data sheet	MCP4706,16,26.pdf
RoHs Status	ROHS3 Compliant

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MCP4716A0T-E/MAY - Microchip Technology. New Original in Stock. Download Linear Technology MCP4716A0T-E/MAY datasheet/specifications on AllelcoElec.com. Request a quote for MCP4716A0T-E/MAY, please send us email: info@allelco.com

Specifications

MCP4716A0T-E/MAY Tech Specifications
MCP4716A0T-E/MAY - 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	6-DFN (2x2)	Mounting Type	Surface Mount
Settling Time	6µs (Typ)	INL/DNL (LSB)	±0.5, ±0.05
Series	-	Differential Output	No
Reference Type	External, Supply	Data Interface	I ² C
Package / Case	6-VDFN Exposed Pad	Base Product Number	MCP4716
Package	Tape & Reel (TR)	Architecture	R-2R
Output Type	Voltage - Buffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP4716A0T-E/MAY

Product Attribute				
Part Number	MCP4716A0T-E/MAY	MCP4706A1T-E/CH	MCP4725A2T-E/CH	MCP4726A0T-E/CH
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Settling Time	6µs (Typ)	6µs (Typ)	6µs (Typ)	6µs (Typ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	MCP4716	MCP4706	MCP4725	MCP4726
Differential Output	No	No	No	No
Reference Type	External, Supply	External, Supply	Supply	External, Supply
Number of Bits	10	8	12	12
INL/DNL (LSB)	±0.5, ±0.05	±0.125, ±0.0125	±2, ±0.2	±2, ±0.2
Series	-	-	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Supplier Device Package	6-DFN (2x2)	SOT-23-6	SOT-23-6	SOT-23-6
Package / Case	6-VDFN Exposed Pad	SOT-23-6	SOT-23-6	SOT-23-6
Number of D/A Converters	1	1	1	1
Architecture	R-2R	R-2R	String DAC	R-2R
Data Interface	I ² C	I ² C	I ² C	I ² C

MCP4716A0T-E/MAY Datasheet PDF

Download MCP4716A0T-E/MAY pdf datasheets and Microchip Technology documentation for MCP4716A0T-E/MAY - Microchip Technology.

Datasheets

MCP4706,16,26.pdf

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

PCN Design/Specification

Mold Compound Update 18/Feb/2015.pdf

Customers Also Interested in

Recommended Products

					
MCP4706A1T-E/CH Microchip Technology IC DAC 8BIT V-OUT SOT23-6	MCP4725A2T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6	MCP4726A0T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6	MCP4706A0T-E/CH Microchip Technology IC DAC 8BIT V-OUT SOT23-6	MCP4661T-503QE/ML Monolithic Power Systems	MCP4726A1T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6
					
MCP4662T-103E/UN Microchip Technology IC DCTL POT 10KOHM 257TAP 10MSOP	MCP4728A0-E/UN Microchip Technology IC DAC 12BIT V-OUT 10MSOP	MCP4716A0T-E/CH Microchip Technology IC DAC 10BIT V-OUT SOT23-6	MCP4661T-503E/ST Microchip Technology IC DGT POT 50KOHM 257TAP 14TSSOP	MCP4725A0T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6	MCP4728-E/UN Microchip Technology IC DAC 12BIT V-OUT 10MSOP
					
MCP4661T-503E/ML Microchip Technology IC DCTL POT 50KOHM 257TAP 16QFN	MCP4662-503E/UN Microchip Technology IC DCTL POT 50KOHM 257TAP 10MSOP	MCP4716A1T-E/CH Microchip Technology IC DAC 10BIT V-OUT SOT23-6	MCP4662T-104E/MF Microchip Technology IC DGT POT 100KOHM 257TAP 10DFN	MCP4706A0T-E/MAY Microchip Technology IC DAC 8BIT V-OUT 6DFN	MCP4725A1T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6

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
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