

Image may be representation.
See specifications for product details.



MCP4725A0T-E/CH

Manufacturer Part Number	MCP4725A0T-E/CH
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP4725A0T-E/CH
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 12BIT V-OUT SOT23-6
Package	SOT-23-6
Data sheet	Cylindrical Battery Holders.pdf MCP4725.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP4725A0T-E/CH - Microchip Technology. New Original in Stock. Download Linear Technology MCP4725A0T-E/CH datasheet/specifications on AllelcoElec.com. Request a quote for MCP4725A0T-E/CH, please send us email: info@allelco.com

Specifications

MCP4725A0T-E/CH Tech Specifications
MCP4725A0T-E/CH - 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	12
Supplier Device Package	SOT-23-6	Mounting Type	Surface Mount
Settling Time	6µs (Typ)	INL/DNL (LSB)	±2, ±0.2
Series	-	Differential Output	No
Reference Type	Supply	Data Interface	I ² C
Package / Case	SOT-23-6	Base Product Number	MCP4725
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 MCP4725A0T-E/CH

Product Attribute				
Part Number	MCP4725A0T-E/CH	MCP4716A0T-E/MAY	MCP4725A2T-E/CH	MCP4716A1T-E/CH
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of D/A Converters	1	1	1	1
INL/DNL (LSB)	±2, ±0.2	±0.5, ±0.05	±2, ±0.2	±0.5, ±0.05
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Settling Time	6µs (Typ)	6µs (Typ)	6µs (Typ)	6µs (Typ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SOT-23-6	6-DFN (2x2)	SOT-23-6	SOT-23-6
Number of Bits	12	10	12	10
Series	-	-	-	-
Architecture	String DAC	R-2R	String DAC	R-2R
Package / Case	SOT-23-6	6-VDFN Exposed Pad	SOT-23-6	SOT-23-6
Base Product Number	MCP4725	MCP4716	MCP4725	MCP4716
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Reference Type	Supply	External, Supply	Supply	External, Supply
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Data Interface	I ² C	I ² C	I ² C	I ² C
Differential Output	No	No	No	No
Voltage - Supply, Digital	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

MCP4725A0T-E/CH Datasheet PDF

Download MCP4725A0T-E/CH pdf datasheets and Microchip Technology documentation for MCP4725A0T-E/CH - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

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

PCN Assembly/Origin

[2.73KHz.pdf](#)

HTML Datasheet





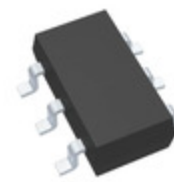
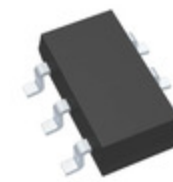




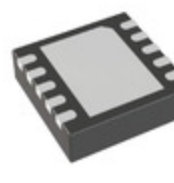
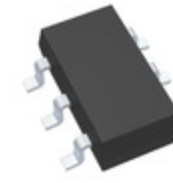
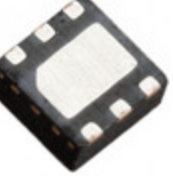




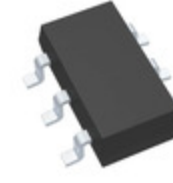
 MCP4725.pdf

PCN Design/Specification

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

					
MCP4725A0T-E/CH Micrel / Microchip Technology	MCP4662-503E/UN Microchip Technology IC DGTL POT 50KOHM 257TAP 10MSOP	MCP4716A0T-E/MAY Microchip Technology IC DAC 10BIT V-OUT 6DFN	MCP4725A2T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6	MCP4716A1T-E/CH Microchip Technology IC DAC 10BIT V-OUT SOT23-6	MCP4726A0T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6
					
MCP4662T-103E/UN Microchip Technology IC DGTL POT 10KOHM 257TAP 10MSOP	MCP4716A0T-E/CH Microchip Technology IC DAC 10BIT V-OUT SOT23-6	MCP4725A1T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6	MCP4706A1T-E/CH Microchip Technology IC DAC 8BIT V-OUT SOT23-6	MCP4662T-104E/MF Microchip Technology IC DGT POT 100KOHM 257TAP 10DFN	MCP4726A1T-E/CH Microchip Technology IC DAC 12BIT V-OUT SOT23-6
					
MCP4706A0T-E/MAY Microchip Technology IC DAC 8BIT V-OUT 6DFN	MCP4728A0-E/UN Microchip Technology IC DAC 12BIT V-OUT 10MSOP	MCP4728-E/UN Microchip Technology IC DAC 12BIT V-OUT 10MSOP	MCP4728A0T-E/UN Microchip Technology IC DAC 12BIT V-OUT 10MSOP	MCP4728A0T-E/UNVAO Microchip Technology IC DAC 12BIT V-OUT 10MSOP	MCP4706A0T-E/CH Microchip Technology IC DAC 8BIT 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 +00852 9146 4856	 Email info@allelco.com
--	--

Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com

