

Image may be representation.  
See specifications for product details.



## MCP3551-E/MS

Manufacturer Part Number	<b>MCP3551-E/MS</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP3551-E/MS
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 22BIT SIGMA-DELTA 8MSOP
Package	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MCP3551-E/MS - Microchip Technology. New Original in Stock. Download Linear Technology MCP3551-E/MS datasheet/specifications on AllelcoElec.com. Request a quote for MCP3551-E/MS, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP3551-E/MS Tech Specifications

MCP3551-E/MS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Number of Inputs	1
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of Bits	22
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of A/D Converters	1
Supplier Device Package	8-MSOP	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	14	Features	-
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	-	Configuration	ADC
Package / Case	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	Base Product Number	MCP3551
Package	Tube	Architecture	Sigma-Delta
Operating Temperature	-40°C ~ 125°C		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP3551-E/MS

Product Attribute				
Part Number	MCP3551-E/MS	<b>MCP3428T-E/SL</b>	<b>MCP3426A0-E/SN</b>	<b>MCP3425A0T-E/CH</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Configuration	ADC	MUX-PGA-ADC	MUX-PGA-ADC	PGA-ADC
Sampling Rate (Per Second)	14	15	15	15
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Ratio - S/H:ADC	-	-	-	-
Features	-	PGA, Selectable Address	PGA	PGA
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Series	-	-	-	-
Number of Inputs	1	4	2	1
Number of Bits	22	16	16	16
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Architecture	Sigma-Delta	Sigma-Delta	Sigma-Delta	Sigma-Delta
Reference Type	External	Internal	Internal	Internal
Number of A/D Converters	1	1	1	1
Data Interface	SPI	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Package / Case	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SOT-23-6
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Base Product Number	MCP3551	MCP3428	MCP3426	MCP3425
Input Type	Differential	Differential	Differential	Differential
Supplier Device Package	8-MSOP	14-SOIC	8-SOIC	SOT-23-6

### MCP3551-E/MS Datasheet PDF

Download MCP3551-E/MS pdf datasheets and Microchip Technology documentation for MCP3551-E/MS - Microchip Technology.

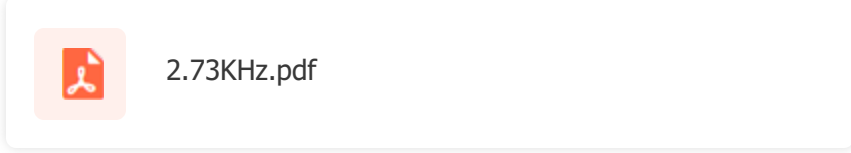
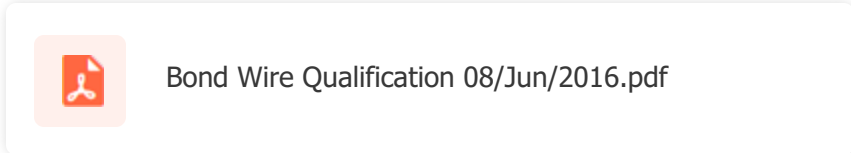
#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

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

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



**Customers Also Interested in**

**Recommended Products**

<b>MCP3428T-E/SL</b> Microchip Technology IC ADC 16BIT SIGMA-DELTA 14SOIC	<b>MCP3426A0-E/SN</b> Microchip Technology IC ADC 16BIT SIGMA-DELTA 8SOIC	<b>MCP3425A0T-E/CH</b> Microchip Technology IC ADC 16BIT SIGMA-DELTA SOT23-6	<b>MCP3901A0T-I/SS</b> Microchip Technology IC AFE 2 CHAN 24BIT 20SSOP	<b>MCP3424T-E/SL</b> Microchip Technology IC ADC 18BIT SIGMA-DELTA 14SOIC	<b>MCP3551-E/SN</b> Microchip Technology IC ADC 22BIT SIGMA-DELTA 8SOIC
<b>MCP3550-50E/SN</b> Microchip Technology IC ADC 22BIT SIGMA-DELTA 8SOIC	<b>MCP3561T-E/NC</b> Microchip Technology IC ADC 24BIT SIGMA-DELTA 20UQFN	<b>MCP37D21-200I/TE</b> Microchip Technology IC ADC 14BIT PIPELINED 121TFBGA	<b>MCP3424-E/SL</b> Microchip Technology IC ADC 18BIT SIGMA-DELTA 14SOIC	<b>MCP3424-E/ST</b> Microchip Technology IC ADC 18BIT SIGMA-DELTA 14TSSOP	<b>MCP3425A1T-E/CH</b> Microchip Technology IC ADC 16BIT SIGMA-DELTA SOT23-6
<b>MCP3553-E/SN</b> Microchip Technology IC ADC 22BIT SIGMA-DELTA 8SOIC	<b>MCP3901A0-I/SS</b> Microchip Technology IC AFE 2 CHAN 24BIT 20SSOP	<b>MCP3551T-E/SN</b> Microchip Technology IC ADC 22BIT SIGMA-DELTA 8SOIC	<b>MCP3553-E/MS</b> Microchip Technology IC ADC 22BIT SIGMA-DELTA 8MSOP	<b>MCP3428-E/SL</b> Microchip Technology IC ADC 16BIT SIGMA-DELTA 14SOIC	<b>MCP3901A0-E/SS</b> Microchip Technology IC AFE 2 CHAN 24BIT 20SSOP

**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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