



Image may be representation.
See specifications for product details.



MCP9803-M/MS

Manufacturer Part Number	MCP9803-M/MS
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP9803-M/MS
ECAD Model	Request Free CAD Models
Parts Description	SENSOR DIGITAL -55C-125C 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	Analog and Interface Product Guide.pdf MCP9800/1/2/3.pdf MCP9800/1/2/3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP9803-M/MS - Microchip Technology. New Original in Stock. Download Linear Technology MCP9803-M/MS datasheet/specifications on AllelcoElec.com.
Request a quote for MCP9803-M/MS, please send us email: info@allelco.com

Specifications

MCP9803-M/MS Tech Specifications
MCP9803-M/MS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Voltage - Supply	2.7V ~ 5.5V	Package	Tube
Test Condition	-10°C ~ 85°C (-55°C ~ 125°C)	Output Type	I ² C/SMBus
Supplier Device Package	8-MSOP	Operating Temperature	-55°C ~ 125°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local	Features	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode
Sensing Temperature - Remote	-	Base Product Number	MCP9803
Sensing Temperature - Local	-55°C ~ 125°C	Accuracy - Highest (Lowest)	±1°C (±3°C)
Resolution	11 b		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP9803-M/MS

Product Attribute				
Part Number	MCP9803-M/MS	MCP9800A0T-M/OT	MCP9803T-M/MS	MCP9801T-M/MS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	8-MSOP	SOT-23-5	8-MSOP	8-MSOP
Resolution	11 b	11 b	11 b	11 b
Base Product Number	MCP9803	MCP9800	MCP9803	MCP9801
Sensing Temperature - Remote	-	-	-	-
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Test Condition	-10°C ~ 85°C (-55°C ~ 125°C)	-10°C ~ 85°C (-55°C ~ 125°C)	-10°C ~ 85°C (-55°C ~ 125°C)	10°C ~ 85°C (-55°C ~ 125°C)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Sensing Temperature - Local	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Features	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode	One-Shot, Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode
Accuracy - Highest (Lowest)	±1°C (±3°C)	±1°C (±3°C)	±1°C (±3°C)	±1°C (±3°C)
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Sensor Type	Digital, Local	Digital, Local	Digital, Local	Digital, Local
Series	-	-	-	-
Output Type	I ² C/SMBus	I ² C/SMBus	I ² C/SMBus	I ² C/SMBus
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

MCP9803-M/MS Datasheet PDF

Download MCP9803-M/MS pdf datasheets and Microchip Technology documentation for MCP9803-M/MS - Microchip Technology.

Datasheets

[Analog and Interface Product Guide.pdf](#)

[MCP9800/1/2/3.pdf](#)

PCN Packaging

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

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

Other Related Documents

[Development Tools Catalog.pdf](#)

PCN Design/Specification

Bond Wire Qualification 08/Jun/2016.pdf

HTML Datasheet






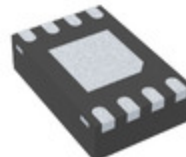

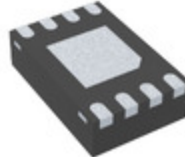



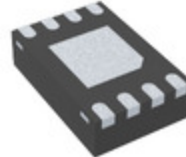






MCP9800/1/2/3.pdf

PCN Assembly/Origin

Mult Devices 26/Jun/2018.pdf

Customers Also Interested in

Recommended Products

					
MCP9805-BE/ST	MCP9800A0T-M/OT	MCP9803T-M/MS	MCP9800A1T-M/OT	MCP9801T-M/MS	MCP9804T-E/MC
Micrel / Microchip Technology IC SENSOR THERMAL 3.0V 8TSSOP	Microchip Technology SENSOR DIGITAL -55C-125C SOT23-5	Microchip Technology SENSOR DIGITAL -55C-125C 8MSOP	Micrel / Microchip Technology	Microchip Technology SENSOR DIGITAL -55C-125C 8MSOP	Microchip Technology SENSOR DIGITAL -40C-125C 8DFN
					
MCP9804-E/MS	MCP9804-E/MC	MCP9801-M/SN	MCP9804T-E/MS	MCP9808-E/MS	MCP9805T-BE/MC
Microchip Technology SENSOR DIGITAL -40C-125C 8MSOP	Microchip Technology SENSOR DIGITAL -40C-125C 8DFN	Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC	Microchip Technology SENSOR DIGITAL -40C-125C 8MSOP	Microchip Technology SENSOR DIGITAL -40C-125C 8MSOP	Microchip Technology IC SENSOR THERMAL 3.0V 8DFN
					
MCP9803-M/SN	MCP9801-M/MS	MCP9800A5T-M/OT	MCP9802A0T-M/OT	MCP9801T-M/MSG	MCP9801T-M/SN
Microchip Technology SENSOR DIGITAL -55C-125C 8SOIC	Microchip Technology SENSOR DIGITAL -55C-125C 8MSOP	Microchip Technology SENSOR DIGITAL -55C-125C SOT23-5	Microchip Technology SENSOR DIGITAL -55C-125C SOT23-5	Microchip Technology SENSOR DIGITAL -55C-125C 8MSOP	Microchip Technology SENSOR DIGITAL -55C-125C 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
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Contact us if you have any questions.

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Certifications & Memberships



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