

Image may be representation.
See specifications for product details.



MCP6562T-E/MS

Manufacturer Part Number	MCP6562T-E/MS
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6562T-E/MS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC COMPARATOR 2 GEN PUR 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	Analog and Interface Product Guide.pdf MCP6561/1R/1U/2/4.pdf
RoHs Status	ROHS3 Compliant

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MCP6562T-E/MS - Microchip Technology. New Original in Stock. Download Linear Technology MCP6562T-E/MS datasheet/specifications on AllelcoElec.com.
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Specifications

MCP6562T-E/MS Tech Specifications

MCP6562T-E/MS - 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, Single/Dual (±)	1.8V ~ 5.5V	Number of Elements	2
Voltage - Input Offset (Max)	10mV @ 5.5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	5mV
Supplier Device Package	8-MSOP	Current - Quiescent (Max)	130µA
Series	-	Current - Output (Typ)	50mA
Propagation Delay (Max)	80ns	Current - Input Bias (Max)	1pA @ 5.5V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	CMRR, PSRR (Typ)	66dB CMRR, 70dB PSRR
Package	Tape & Reel (TR)	Base Product Number	MCP6562
Output Type	CMOS, Push-Pull, Rail-to-Rail, TTL		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6562T-E/MS

Product Attribute				
Part Number	MCP6562T-E/MS	MCP6566T-E/OT	MCP6562T-E/SNVAO	MCP6566UT-E/OT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Output Type	CMOS, Push-Pull, Rail-to-Rail, TTL	CMOS, Open-Drain	CMOS, Push-Pull, Rail-to-Rail, TTL	CMOS, Open-Drain
Voltage - Supply, Single/Dual (±)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	8-MSOP	SOT-23-5	8-SOIC	SOT-23-5
Type	General Purpose	General Purpose	General Purpose	General Purpose
Current - Input Bias (Max)	1pA @ 5.5V	1pA @ 5.5V	1pA @ 5.5V	1pA @ 5.5V
CMRR, PSRR (Typ)	66dB CMRR, 70dB PSRR	66dB CMRR, 70dB PSRR	66dB CMRR, 70dB PSRR	66dB CMRR, 70dB PSRR
Voltage - Input Offset (Max)	10mV @ 5.5V	10mV @ 5.5V	10mV @ 5.5V	10mV @ 5.5V
Current - Output (Typ)	50mA	50mA	50mA	50mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Propagation Delay (Max)	80ns	80ns	80ns	80ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MCP6562	MCP6566	MCP6562	MCP6566
Number of Elements	2	1	2	1
Series	-	-	Automotive, AEC-Q100	-
Current - Quiescent (Max)	130µA	130µA	130µA	130µA
Hysteresis	5mV	5mV	5mV	5mV
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753

MCP6562T-E/MS Datasheet PDF

Download MCP6562T-E/MS pdf datasheets and Microchip Technology documentation for MCP6562T-E/MS - Microchip Technology.

Datasheets

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

[MCP6561/1R/1U/2/4.pdf](#)

PCN Packaging

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

[Reel Design Update 07/May/2015.pdf](#)

PCN Design/Specification

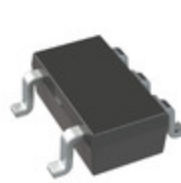




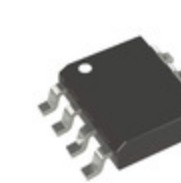

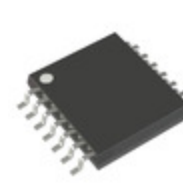

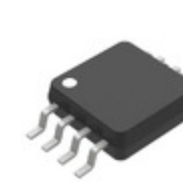

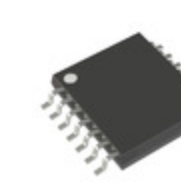





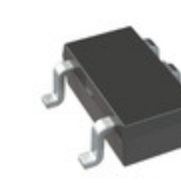
[MCP6561/1R/1U/2/4 06/Mar/2020.pdf](#)

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Customers Also Interested in

Recommended Products

					
MCP6566T-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6562T-E/SNVAO Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	MCP6566UT-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP655-E/UN Microchip Technology IC OPAMP GP 2 CIRCUIT 10MSOP	MCP6564-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	MCP6562T-E/SN Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC
					
MCP6549T-I/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	MCP6549T-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	MCP6566T-E/LT Microchip Technology IC COMPARATOR 1 GEN PUR SC70-5	MCP6562-E/MS Microchip Technology IC COMPARATOR 2 GEN PUR 8MSOP	MCP6561T-E/LT Microchip Technology IC COMPARATOR 1 GEN PUR SC70-5	MCP6564T-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP
					
MCP6562T-E/MSVAO Microchip Technology IC COMPARATOR 2 GEN PUR 8MSOP	MCP6561T-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6562-E/SN Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	MCP6561RT-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6561UT-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6561T-E/OTVAO Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5

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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