

Image may be representation.
See specifications for product details.



MCP6547-E/MS

Manufacturer Part Number	MCP6547-E/MS
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6547-E/MS
ECAD Model	Request Free CAD Models
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 MCP6546-49.pdf
RoHs Status	ROHS3 Compliant

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MCP6547-E/MS - Microchip Technology. New Original in Stock. Download Linear Technology MCP6547-E/MS datasheet/specifications on AllelcoElec.com.
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Specifications

MCP6547-E/MS Tech Specifications

MCP6547-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 (±)	1.6V ~ 5.5V	Number of Elements	2
Voltage - Input Offset (Max)	7mV @ 5.5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	6.5mV
Supplier Device Package	8-MSOP	Current - Quiescent (Max)	1µA
Series	-	Current - Output (Typ)	30mA
Propagation Delay (Max)	8µs	Current - Input Bias (Max)	1pA @ 5.5V
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	CMRR, PSRR (Typ)	70dB CMRR, 80dB PSRR
Package	Tube	Base Product Number	MCP6547
Output Type	CMOS, Open-Drain, Rail-to-Rail, TTL		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6547-E/MS

Product Attribute				
Part Number	MCP6547-E/MS	MCP6547-E/SN	MCP6549-E/ST	MCP6546T-I/OT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	SC-74A, SOT-753
Supplier Device Package	8-MSOP	8-SOIC	14-TSSOP	SOT-23-5
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Elements	2	2	4	1
Current - Input Bias (Max)	1pA @ 5.5V	1pA @ 5.5V	1pA @ 5.5V	1pA @ 5.5V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C
Series	-	-	-	-
Current - Quiescent (Max)	1µA	1µA	1µA	1µA
Base Product Number	MCP6547	MCP6547	MCP6549	MCP6546
Propagation Delay (Max)	8µs	8µs	8µs	8µs
Hysteresis	6.5mV	6.5mV	6.5mV	6.5mV
Voltage - Input Offset (Max)	7mV @ 5.5V	7mV @ 5.5V	7mV @ 5.5V	7mV @ 5.5V
Type	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tube	Tube	Tube	Tape & Reel (TR)
CMRR, PSRR (Typ)	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR
Voltage - Supply, Single/Dual (±)	1.6V ~ 5.5V	1.6V ~ 5.5V	1.6V ~ 5.5V	1.6V ~ 5.5V
Current - Output (Typ)	30mA	30mA	30mA	30mA
Output Type	CMOS, Open-Drain, Rail-to-Rail, TTL	CMOS, Open-Drain, Rail-to-Rail, TTL	CMOS, Open-Drain, Rail-to-Rail, TTL	CMOS, Open-Drain, Rail-to-Rail, TTL

MCP6547-E/MS Datasheet PDF

Download MCP6547-E/MS pdf datasheets and Microchip Technology documentation for MCP6547-E/MS - Microchip Technology.

Datasheets

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

PCN Packaging


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


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

Other Related Documents


[Cylindrical Battery Holders.pdf](#)

PCN Design/Specification

 Bond Wire Qualification 13/Jun/2016.pdf

 MCP6546/6R/6U/7/8/9 11/Nov/2022.pdf

PCN Assembly/Origin






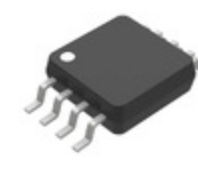












 2.73KHz.pdf

HTML Datasheet

 MCP6546-49.pdf

Customers Also Interested in

Recommended Products

					
MCP6547-E/SN Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	MCP6549-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	MCP6546T-I/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6544T-I/SL Microchip Technology IC COMPARATOR 4 GEN PUR 14SOIC	MCP6546T-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6547-I/MS Microchip Technology IC COMPARATOR 2 GEN PUR 8MSOP
					
MCP6546UT-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6547T-E/MS Microchip Technology IC COMPARATOR 2 GEN PUR 8MSOP	MCP6547-E/SM Micrel / Microchip Technology	MCP6546RT-I/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6547-I/SN Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	MCP6544T-I/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP
					
MCP6546T-I/LT Microchip Technology IC COMPARATOR 1 GEN PUR SC70-5	MCP6546T-I/SN Microchip Technology IC COMPARATOR 1 GEN PUR 8SOIC	MCP6546-I/SN Microchip Technology IC COMPARATOR 1 GEN PUR 8SOIC	MCP6546UT-I/LT Microchip Technology IC COMPARATOR 1 GEN PUR SC70-5	MCP6547T-E/SN Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	MCP6547T-I/MS Microchip Technology IC COMPARATOR 2 GEN PUR 8MSOP

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

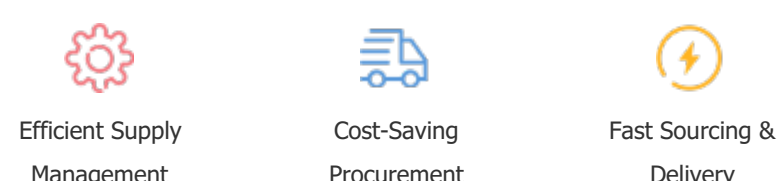
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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