

Image may be representation.
See specifications for product details.



MCP6567-E/SN

Manufacturer Part Number	MCP6567-E/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6567-E/SN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC COMPARATOR 2 GEN PUR 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Analog and Interface Product Guide.pdf MCP6566/6R/6U/7/9.pdf MCP6566/6R/6U/7/9.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP6567-E/SN - Microchip Technology. New Original in Stock. Download Linear Technology MCP6567-E/SN datasheet/specifications on AllelcoElec.com. Request a quote for MCP6567-E/SN, please send us email: info@allelco.com

Specifications

MCP6567-E/SN Tech Specifications

MCP6567-E/SN - 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-SOIC	Current - Quiescent (Max)	130µA
Series	-	Current - Output (Typ)	50mA
Propagation Delay (Max)	80ns	Current - Input Bias (Max)	1pA @ 5.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	CMRR, PSRR (Typ)	66dB CMRR, 70dB PSRR
Package	Tube	Base Product Number	MCP6567
Output Type	CMOS, Open-Drain		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6567-E/SN

Product Attribute				
Part Number	MCP6567-E/SN	MCP6562T-E/SNVAO	MCP6566UT-E/OT	MCP6569T-E/ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Hysteresis	5mV	5mV	5mV	5mV
Voltage - Input Offset (Max)	10mV @ 5.5V	10mV @ 5.5V	10mV @ 5.5V	10mV @ 5.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	14-TSSOP (0.173", 4.40mm Width)
Propagation Delay (Max)	80ns	80ns	80ns	80ns
CMRR, PSRR (Typ)	66dB CMRR, 70dB PSRR	66dB CMRR, 70dB PSRR	66dB CMRR, 70dB PSRR	66dB CMRR, 70dB PSRR
Series	-	Automotive, AEC-Q100	-	-
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
Current - Quiescent (Max)	130µA	130µA	130µA	130µA
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	CMOS, Open-Drain	CMOS, Push-Pull, Rail-to-Rail, TTL	CMOS, Open-Drain	CMOS, Open-Drain
Current - Output (Typ)	50mA	50mA	50mA	50mA
Number of Elements	2	2	1	4
Supplier Device Package	8-SOIC	8-SOIC	SOT-23-5	14-TSSOP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MCP6567	MCP6562	MCP6566	MCP6569
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

MCP6567-E/SN Datasheet PDF

Download MCP6567-E/SN pdf datasheets and Microchip Technology documentation for MCP6567-E/SN - Microchip Technology.

Datasheets

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

[MCP6566/6R/6U/7/9.pdf](#)

PCN Packaging

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

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

PCN Design/Specification

[MCP6567-E/SN Design/Specification.pdf](#)




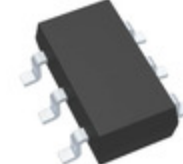














[MCP6567-E/SN Design/Specification.pdf](#)

HTML Datasheet

MCP6566/6R/6U/7/9.pdf

Customers Also Interested in

Recommended Products

 MCP6562T-E/SNVAO Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	 MCP6566UT-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	 MCP6569T-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	 MCP65R41T-1202E/CHY Microchip Technology IC COMPARATOR 1 W/VOLT REF SOT23	 MCP6567T-E/SN Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	 MCP6562T-E/MSVAO Microchip Technology IC COMPARATOR 2 GEN PUR 8MSOP
 MCP6567T-E/MS Microchip Technology IC COMPARATOR 2 GEN PUR 8MSOP	 MCP65R46T-1202E Micrel / Microchip Technology	 MCP6569-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	 MCP6566UT-E/T Micrel / Microchip Technology	 MCP65R41T-2402E/CHY Microchip Technology IC COMPARATOR 1 W/VOLT REF SOT23	 MCP660-E/ST Microchip Technology IC OPAMP GP 3 CIRCUIT 14TSSOP
 MCP65R46T-2402E/CHY Microchip Technology IC COMPARATOR 1 W/VOLT REF SOT23	 MCP6566T-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	 MCP6564T-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	 MCP6564-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	 MCP6566T-E/LT Microchip Technology IC COMPARATOR 1 GEN PUR SC70-5	 MCP6562T-E/SN Microchip Technology IC COMPARATOR 2 GEN PUR 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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