

Image may be representation.
See specifications for product details.



MCP6569T-E/ST

Manufacturer Part Number **MCP6569T-E/ST**

Manufacturer **Microchip Technology**

Allelco Part Number 32D-MCP6569T-E/ST

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC COMPARATOR 4 GEN PUR 14TSSOP**

Package **14-TSSOP (0.173", 4.40mm 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**

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MCP6569T-E/ST - Microchip Technology. New Original in Stock. Download Linear Technology MCP6569T-E/ST datasheet/specifications on AllelcoElec.com. Request a quote for MCP6569T-E/ST, please send us email: info@allelco.com

Specifications

MCP6569T-E/ST Tech Specifications

MCP6569T-E/ST - 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	4
Voltage - Input Offset (Max)	10mV @ 5.5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	5mV
Supplier Device Package	14-TSSOP	Current - Quiescent (Max)	130µA
Series	-	Current - Output (Typ)	50mA
Propagation Delay (Max)	80ns	Current - Input Bias (Max)	1pA @ 5.5V
Package / Case	14-TSSOP (0.173", 4.40mm Width)	CMRR, PSRR (Typ)	66dB CMRR, 70dB PSRR
Package	Tape & Reel (TR)	Base Product Number	MCP6569
Output Type	CMOS, Open-Drain		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6569T-E/ST

Product Attribute				
Part Number	MCP6569T-E/ST	MCP6564T-E/ST	MCP65R46T-2402E/CHY	MCP6567T-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Output (Typ)	50mA	50mA	50mA	50mA
Series	-	-	-	-
Voltage - Input Offset (Max)	10mV @ 5.5V	10mV @ 5.5V	10mV @ 5.5V	10mV @ 5.5V
Current - Quiescent (Max)	130µA	130µA	4µA	130µA
Base Product Number	MCP6569	MCP6564	MCP65R46	MCP6567
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)	SOT-23-6	8-SOIC (0.154", 3.90mm Width)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Input Bias (Max)	1pA @ 5.5V	1pA @ 5.5V	1pA @ 5.5V	1pA @ 5.5V
Propagation Delay (Max)	80ns	80ns	8µs	80ns
Type	General Purpose	General Purpose	with Voltage Reference	General Purpose
Output Type	CMOS, Open-Drain	CMOS, Push-Pull, Rail-to-Rail, TTL	CMOS, Open-Drain, TTL	CMOS, Open-Drain
Voltage - Supply, Single/Dual (±)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Number of Elements	4	4	1	2
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Hysteresis	5mV	5mV	5mV	5mV
Supplier Device Package	14-TSSOP	14-TSSOP	SOT-23-6	8-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
CMRR, PSRR (Typ)	66dB CMRR, 70dB PSRR	66dB CMRR, 70dB PSRR	70dB CMRR, 80dB PSRR	66dB CMRR, 70dB PSRR

MCP6569T-E/ST Datasheet PDF

Download MCP6569T-E/ST pdf datasheets and Microchip Technology documentation for MCP6569T-E/ST - 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](#)





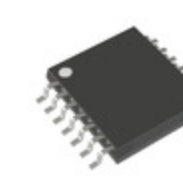
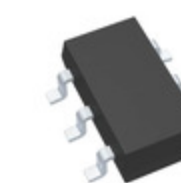

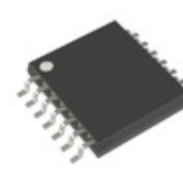



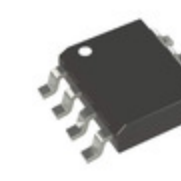




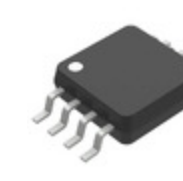
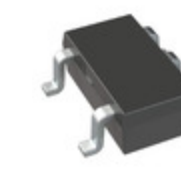
PCN Assembly/Origin

PCN Design/Specification

HTML Datasheet

Customers Also Interested in

Recommended Products

					
MCP6564T-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	MCP65R46T-2402E/CHY Microchip Technology IC COMPARATOR 1 W/VOLT REF SOT23	MCP6567T-E/SN Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	MCP6567-E/SN Microchip Technology IC COMPARATOR 2 GEN PUR 8SOIC	MCP660-E/ST Microchip Technology IC OPAMP GP 3 CIRCUIT 14TSSOP	MCP65R41T-1202E/CHY Microchip Technology IC COMPARATOR 1 W/VOLT REF SOT23
					
MCP6566T-E/OT Microchip Technology IC COMPARATOR 1 GEN PUR SOT23-5	MCP6564-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	MCP65R41T-2402E/CHY Microchip Technology IC COMPARATOR 1 W/VOLT REF SOT23	MCP663-E/SN Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	MCP6566UT-E/T Micrel / Microchip Technology	MCP661-E/SN Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC
					
MCP6566T-E/LT Microchip Technology IC COMPARATOR 1 GEN PUR SC70-5	MCP662T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	MCP6569-E/ST Microchip Technology IC COMPARATOR 4 GEN PUR 14TSSOP	MCP665-E/UN Microchip Technology IC OPAMP GP 2 CIRCUIT 10MSOP	MCP6567T-E/MS Microchip Technology IC COMPARATOR 2 GEN PUR 8MSOP	MCP6566UT-E/OT 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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Certifications & Memberships



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