

Image may be representation.
See specifications for product details.



MCP6054T-E/SL

Manufacturer Part Number	MCP6054T-E/SL
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6054T-E/SL
ECAD Model	Request Free CAD Models
Parts Description	IC CMOS 4 CIRCUIT 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	Analog and Interface Product Guide.pdf
RoHs Status	ROHS3 Compliant

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MCP6054T-E/SL - Microchip Technology. New Original in Stock. Download Linear Technology MCP6054T-E/SL datasheet/specifications on AllelcoElec.com. Request a quote for MCP6054T-E/SL, please send us email: info@allelco.com

Specifications

MCP6054T-E/SL Tech Specifications

MCP6054T-E/SL - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Supply Span (Min)	1.8 V	Number of Circuits	4
Voltage - Supply Span (Max)	6 V	Mounting Type	Surface Mount
Voltage - Input Offset	150 µV	Gain Bandwidth Product	385 kHz
Supplier Device Package	14-SOIC	Current - Supply	30µA (x4 Channels)
Slew Rate	0.15V/µs	Current - Output / Channel	26 mA
Series	-	Current - Input Bias	1 pA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6054
Package	Tape & Reel (TR)	Amplifier Type	CMOS
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6054T-E/SL

Product Attribute				
Part Number	MCP6054T-E/SL	MCP606-I/SN	MCP6052-E/SN	MCP606-I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Amplifier Type	CMOS	General Purpose	CMOS	General Purpose
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C	-40°C ~ 125°C (TA)	-40°C ~ 85°C
Current - Output / Channel	26 mA	17 mA	26 mA	17 mA
Current - Supply	30µA (x4 Channels)	18.7µA	30µA (x2 Channels)	18.7µA
Slew Rate	0.15V/µs	0.08V/µs	0.15V/µs	0.08V/µs
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Package	Tape & Reel (TR)	Tube	Tube	Tube
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Number of Circuits	4	1	2	1
Gain Bandwidth Product	385 kHz	155 kHz	385 kHz	155 kHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Base Product Number	MCP6054	MCP606	MCP6052	MCP606
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)
Voltage - Input Offset	150 µV	250 µV	150 µV	250 µV
Voltage - Supply Span (Min)	1.8 V	2.5 V	1.8 V	2.5 V
Supplier Device Package	14-SOIC	8-SOIC	8-SOIC	8-PDIP

MCP6054T-E/SL Datasheet PDF

Download MCP6054T-E/SL pdf datasheets and Microchip Technology documentation for MCP6054T-E/SL - 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](#)


Environmental Information

[Microchip CA Prop65.pdf](#)


[Microchip REACH.pdf](#)

[Microchip RoHS.pdf](#)


Other Related Documents

 Development Tools Catalog.pdf

PCN Design/Specification

 Copper Bond Wire 09/Mar/2015.pdf

PCN Assembly/Origin

 Qualification Copper Bond Wire 31/Oct/2014.pdf

Customers Also Interested in

Recommended Products



MCP606-I/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6052-E/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP606-I/P

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8DIP



MCP6051T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6052T-E/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



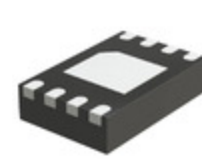
MCP6061T-E/OT

Microchip Technology
IC OPAMP GP 1 CIRCUIT SOT23-5



MCP6054T-E/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP6062T-E/MNY

Microchip Technology
IC CMOS 2 CIRCUIT 8TDFN



MCP6051-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6061T-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



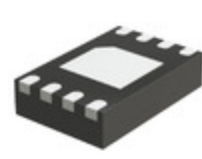
MCP604T-I/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP6054-E/ST

Microchip Technology
IC CMOS 4 CIRCUIT 14TSSOP



MCP6052T-E/MNY

Microchip Technology
IC CMOS 2 CIRCUIT 8TDFN



MCP604T-I/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC



MCP6062-E/SN

Microchip Technology
IC CMOS 2 CIRCUIT 8SOIC



MCP6061-E/SN

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8SOIC



MCP6051T-E/MNY

Microchip Technology
IC OPAMP GP 1 CIRCUIT 8TDFN



MCP6054-E/SL

Microchip Technology
IC CMOS 4 CIRCUIT 14SOIC

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

Contact us if you have any questions.



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Certifications & Memberships



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