

Image may be representation.
See specifications for product details.



MCP6074-E/SL

Manufacturer Part Number	MCP6074-E/SL
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6074-E/SL
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 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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MCP6074-E/SL - Microchip Technology. New Original in Stock. Download Linear Technology MCP6074-E/SL datasheet/specifications on AllelcoElec.com. Request a quote for MCP6074-E/SL, please send us email: info@allelco.com

Specifications

MCP6074-E/SL Tech Specifications

MCP6074-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	1.2 MHz
Supplier Device Package	14-SOIC	Current - Supply	110µA (x4 Channels)
Slew Rate	0.5V/µs	Current - Output / Channel	28 mA
Series	-	Current - Input Bias	1 pA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	MCP6074
Package	Tube	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6074-E/SL

Product Attribute				
Part Number	MCP6074-E/SL	MCP608T-I/SN	MCP607T-I/SN	MCP609-I/ST
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)
Voltage - Supply Span (Min)	1.8 V	2.5 V	2.5 V	2.5 V
Current - Supply	110µA (x4 Channels)	18.7µA	18.7µA (x2 Channels)	18.7µA (x4 Channels)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MCP6074	MCP608	MCP607	MCP609
Gain Bandwidth Product	1.2 MHz	155 kHz	155 kHz	155 kHz
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Number of Circuits	4	1	2	4
Voltage - Input Offset	150 µV	250 µV	250 µV	250 µV
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Slew Rate	0.5V/µs	0.08V/µs	0.08V/µs	0.08V/µs
Supplier Device Package	14-SOIC	8-SOIC	8-SOIC	14-TSSOP
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Series	-	-	-	-
Current - Output / Channel	28 mA	17 mA	17 mA	17 mA
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Amplifier Type	General Purpose	General Purpose	CMOS	CMOS

MCP6074-E/SL Datasheet PDF

Download MCP6074-E/SL pdf datasheets and Microchip Technology documentation for MCP6074-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












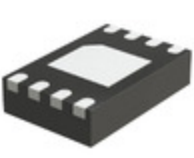






 MCP6071/MCP6072/MCP6074 07/Nov/2021.pdf

PCN Assembly/Origin

 Qualification Copper Bond Wire 31/Oct/2014.pdf

Customers Also Interested in

Recommended Products

					
MCP6071/P	MCP608T-I/SN	MCP607T-I/SN	MCP609-I/ST	MCP6091SL	MCP609T-I/SL
Micrel / Microchip Technology	Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	Microchip Technology IC CMOS 2 CIRCUIT 8SOIC	Microchip Technology IC CMOS 4 CIRCUIT 14TSSOP	Micrel / Microchip Technology	Microchip Technology IC CMOS 4 CIRCUIT 14SOIC
					
MCP6071-E/SN	MCP6074T-E/SL	MCP609-I/SL	MCP6072T-E/SN	MCP6074-E/ST	MCP6072T-E/MNY
Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	Microchip Technology IC OPAMP GP 4 CIRCUIT 14SOIC	Microchip Technology IC CMOS 4 CIRCUIT 14SOIC	Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	Microchip Technology IC OPAMP GP 4 CIRCUIT 14TSSOP	Microchip Technology IC OPAMP GP 2 CIRCUIT 8TDFN
					
MCP6071T-E/OT	MCP607-I/ST	MCP607-I/SN	MCP6074T-E/ST	MCP6071T-E/SN	MCP6072-E/SN
Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	Microchip Technology IC CMOS 2 CIRCUIT 8TSSOP	Microchip Technology IC CMOS 2 CIRCUIT 8SOIC	Microchip Technology IC OPAMP GP 4 CIRCUIT 14TSSOP	Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	Microchip Technology IC OPAMP GP 2 CIRCUIT 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

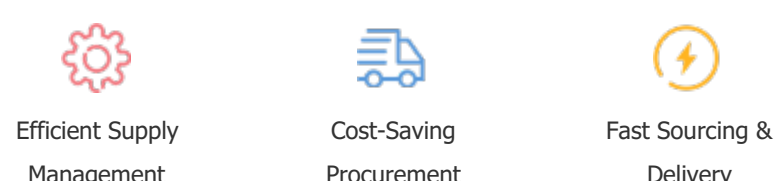
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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