

Image may be representation.
See specifications for product details.



MCP6L71T-E/OT

Manufacturer Part Number	MCP6L71T-E/OT
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6L71T-E/OT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 1 CIRCUIT SOT23-5
Package	SC-74A, SOT-753
Data sheet	Analog and Interface Product Guide.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP6L71T-E/OT - Microchip Technology. New Original in Stock. Download Linear Technology MCP6L71T-E/OT datasheet/specifications on AllelcoElec.com. Request a quote for MCP6L71T-E/OT, please send us email: info@allelco.com

Specifications

MCP6L71T-E/OT Tech Specifications

MCP6L71T-E/OT - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Rail-to-Rail
Voltage - Supply Span (Min)	2 V	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Max)	6 V	Number of Circuits	1
Voltage - Input Offset	1 mV	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-5	Gain Bandwidth Product	2 MHz
Slew Rate	0.9V/μs	Current - Supply	150μA
Series	-	Current - Input Bias	1 pA
Package / Case	SC-74A, SOT-753	Base Product Number	MCP6L71
Package	Tape & Reel (TR)	Amplifier Type	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP6L71T-E/OT

Product Attribute				
Part Number	MCP6L71T-E/OT	MCP6L92T-E/MS	MCP6L91T-E/OT	MCP6L74T-E/SL
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Supply	150μA	850μA (x2 Channels)	850μA	150μA (x4 Channels)
Number of Circuits	1	2	1	4
Series	-	-	-	-
Package / Case	SC-74A, SOT-753	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753	14-SOIC (0.154", 3.90mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Input Offset	1 mV	1 mV	1 mV	1 mV
Voltage - Supply Span (Min)	2 V	2.4 V	2.4 V	2 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Gain Bandwidth Product	2 MHz	10 MHz	10 MHz	2 MHz
Supplier Device Package	SOT-23-5	8-MSOP	SOT-23-5	14-SOIC
Slew Rate	0.9V/μs	7V/μs	7V/μs	0.9V/μs
Base Product Number	MCP6L71	MCP6L92	MCP6L91	MCP6L74
Voltage - Supply Span (Max)	6 V	6 V	6 V	6 V
Current - Input Bias	1 pA	1 pA	1 pA	1 pA

MCP6L71T-E/OT Datasheet PDF

Download MCP6L71T-E/OT pdf datasheets and Microchip Technology documentation for MCP6L71T-E/OT - 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](#)

PCN Assembly/Origin

PCN Design/Specification

Customers Also Interested in

Recommended Products

 MCP6L92T-E/MS Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP	 MCP6L2-E/SN Micrel / Microchip Technology	 MCP6L91T-E/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	 MCP6L74T-E/SL Microchip Technology IC OPAMP GP 4 CIRCUIT 14SOIC	 MCP6L04T-E/SN Micrel / Microchip Technology	 MCP6L4T-E/SL Microchip Technology IC OPAMP GP 4 CIRCUIT 14SOIC
 MCP6L2-E/MS MICROCHI	 MCP6L1T-E/SN Microchip Technology IC OPAMP GP 1 CIRCUIT 8SOIC	 MCP6L91RT-E/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	 MCP6L1T-E/OT Microchip Technology IC OPAMP GP 1 CIRCUIT SOT23-5	 MCP6L4T-E/ST Microchip Technology IC OPAMP GP 4 CIRCUIT 14TSSOP	 MCP6L2T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC
 MCP6L72T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	 MCP6L2T-E/MS Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP	 MCP6L04T-E/ST Microchip Technology IC OPAMP GP 4 CIRCUIT 14TSSOP	 MCP6L72T-E/MS Microchip Technology IC OPAMP GP 2 CIRCUIT 8MSOP	 MCP6L92T-E/SN Microchip Technology IC OPAMP GP 2 CIRCUIT 8SOIC	 MCP6L72-E/SN Micrel / Microchip Technology

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



View More

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