




Image may be representation.
See specifications for product details.

MCP6S91T-E/MS

Manufacturer Part Number	MCP6S91T-E/MS
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP6S91T-E/MS
ECAD Model	 Request Free CAD Models
Parts Description	IC OPAMP PGA 1 CIRCUIT 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	Analog and Interface Product Guide.pdf MCP6S91, 2, 3.pdf
RoHs Status	 ROHS3 Compliant



MCP6S91T-E/MS - Microchip Technology.New Original in Stock. Download Linear Technology MCP6S91T-E/MS datasheet/specifications on AllelcoElec.com.
Request a quote for MCP6S91T-E/MS, please send us email: info@allelco.com





Specifications

MCP6S91T-E/MS Tech Specifications
MCP6S91T-E/MS - 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 Span (Min)	2.5 V	Number of Circuits	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	400 µV	Current - Supply	1mA
Supplier Device Package	8-MSOP	Current - Output / Channel	25 mA
Slew Rate	22V/µs	Current - Input Bias	1 pA
Series	-	Base Product Number	MCP6S91
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Programmable Gain
Package	Tape & Reel (TR)	-3db Bandwidth	18 MHz
Output Type	Rail-to-Rail		

Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology MCP6S91T-E/MS


Product Attribute				
Part Number	MCP6S91T-E/MS	MCP6V02-E/SN	MCP6S21T-I/MS	MCP6V02T-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Output / Channel	25 mA	22 mA	30 mA	22 mA
Amplifier Type	Programmable Gain	Zero-Drift	Programmable Gain	Zero-Drift
Voltage - Supply Span (Min)	2.5 V	1.8 V	2.5 V	1.8 V
Current - Supply	1mA	300µA (x2 Channels)	1mA	300µA (x2 Channels)
Series	-	-	-	-
Slew Rate	22V/µs	0.5V/µs	22V/µs	0.5V/µs
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C (TA)	-40°C ~ 85°C	-40°C ~ 125°C (TA)
Number of Circuits	1	2	1	2
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-MSOP	8-SOIC	8-MSOP	8-SOIC
-3db Bandwidth	18 MHz	-	12 MHz	-
Voltage - Input Offset	400 µV	2 µV	275 µV	2 µV
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Base Product Number	MCP6S91	MCP6V02	MCP6S21	MCP6V02

MCP6S91T-E/MS Datasheet PDF


Download MCP6S91T-E/MS pdf datasheets and Microchip Technology documentation for MCP6S91T-E/MS - Microchip Technology.


Datasheets

 Analog and Interface Product Guide.pdf


 MCP6S91, 2, 3.pdf


PCN Packaging


 Packing Changes 10/Oct/2016.pdf

 Reel Design Update 07/May/2015.pdf


Environmental Information

 Microchip CA Prop65.pdf


 Microchip REACH.pdf

 Microchip RoHS.pdf


Other Related Documents

 Development Tools Catalog.pdf

PCN Design/Specification


 Bond Wire Qualification 13/Jun/2016.pdf

PCN Assembly/Origin


 Mult Devices 23/May/2018.pdf

Customers Also Interested in


Recommended Products




MCP6V02-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC




MCP6S21T-I/MS
Microchip Technology
IC OPAMP PGA 1 CIRCUIT 8MSOP



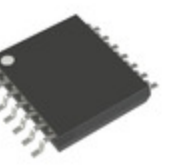
MCP6V02T-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC




MCP6S93T-E/UN
Microchip Technology
IC OPAMP PGA 2 CIRCUIT 10MSOP




MCP6S21-I/SN
Microchip Technology
IC OPAMP PGA 1 CIRCUIT 8SOIC




MCP6S26-I/ST
Microchip Technology
IC OPAMP PGA 6 CIRCUIT 14TSSOP




MCP6V07T-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC




MCP6S26-I/SL
Microchip Technology
IC OPAMP PGA 6 CIRCUIT 14SOIC




MCP6V01-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC 8SOIC




MCP6V01T-E/SN
Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC 8SOIC




MCP6S22-I/MS
Microchip Technology
IC OPAMP PGA 2 CIRCUIT 8MSOP




MCP6S28-I/SL
Microchip Technology
IC OPAMP PGA 8 CIRCUIT 16SOIC



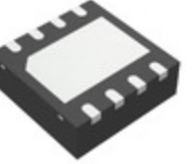
MCP6S21T-I/SN
Microchip Technology
IC OPAMP PGA 1 CIRCUIT 8SOIC




MCP6V11T-E/OT
Microchip Technology
IC OPAMP ZER-DRIFT 1CIRC SOT23-5




MCP6V03T-E/MNY
Microchip Technology
IC OPAMP ZERO-DRIFT 1 CIRC 8TDFN



MCP6V07-E/MD
Microchip Technology
IC OPAMP ZERO-DRIFT 2 CIRC 8DFN



MCP6S93-E/UN
Microchip Technology
IC OPAMP PGA 2 CIRCUIT 10MSOP



MCP6S28-I/P
Microchip Technology
IC OPAMP PGA 8 CIRCUIT 16DIP

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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