

Image may be representation.
See specifications for product details.



MC33178D

Manufacturer Part Number	MC33178D
Manufacturer	onsemi
Allelco Part Number	32D-MC33178D
ECAD Model	Request Free CAD Models
Parts Description	IC OPAMP DUAL LOW PWR/NS 8-SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MC33178,79.pdf

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MC33178D - onsemi.New Original in Stock. Download Linear Technology MC33178D datasheet/specifications on AllelcoElec.com.
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Specifications

MC33178D Tech Specifications
MC33178D - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Supply Span (Min)	4 V	Number of Circuits	2
Voltage - Supply Span (Max)	36 V	Mounting Type	Surface Mount
Voltage - Input Offset	150 µV	Gain Bandwidth Product	5 MHz
Supplier Device Package	8-SOIC	Current - Supply	1.7mA (x2 Channels)
Slew Rate	2V/µs	Current - Output / Channel	100 mA
Series	-	Current - Input Bias	100 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MC33178
Package	Tube	Amplifier Type	General Purpose
Output Type	-		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC33178D

Product Attribute				
Part Number	MC33178D	MC33174VP	MC33178PG	MC33174DT
Manufacturer	onsemi	onsemi	onsemi	STMicroelectronics
Current - Output / Channel	100 mA	27 mA	100 mA	27 mA
Series	-	-	-	-
Current - Supply	1.7mA (x2 Channels)	180µA (x4 Channels)	-	220µA
Package / Case	8-SOIC (0.154", 3.90mm Width)	14-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	14-SOIC (0.154", 3.90mm Width)
Base Product Number	MC33178	MC33174	MC33178	MC33174
Voltage - Input Offset	150 µV	2 mV	150 µV	1 mV
Gain Bandwidth Product	5 MHz	1.8 MHz	5 MHz	2.1 MHz
Number of Circuits	2	4	2	4
Voltage - Supply Span (Max)	36 V	44 V	36 V	44 V
Voltage - Supply Span (Min)	4 V	3 V	4 V	4 V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C	-40°C ~ 85°C (TA)	-40°C ~ 105°C
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Slew Rate	2V/µs	2.1V/µs	2V/µs	2V/µs
Package	Tube	Tube	Tube	Tape & Reel (TR)
Current - Input Bias	100 nA	20 nA	100 nA	100 nA
Supplier Device Package	8-SOIC	14-PDIP	8-PDIP	14-SO
Output Type	-	-	-	-

MC33178D Datasheet PDF

Download MC33178D pdf datasheets and onsemi documentation for MC33178D - onsemi.

Datasheets

[MC33178,79.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)



















[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL

[Multiple Devices 14/Apr/2010.pdf](#)

Customers Also Interested in

Recommended Products

 MC33174VP onsemi IC OPAMP GP 4 CIRCUIT 14DIP	 MC33178DR AMI Semiconductor/onsemi	 MC33178PG onsemi IC OPAMP GP 2 CIRCUIT 8DIP	 MC33178PSAO AMI Semiconductor/onsemi	 MC33174DT STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	 MC33174VDR AMI Semiconductor/onsemi
 MC33174VDG onsemi OPERATIONAL AMPLIFIER, SINGLE SU	 MC33174P onsemi IC OPAMP QUAD LOW POWER 14DIP	 MC33174N STMicroelectronics IC OPAMP GP 4 CIRCUIT 14DIP	 MC33178BDR2G AMI Semiconductor/onsemi	 MC33178P onsemi IC OPAMP DUAL LP LOW NOISE 8DIP	 MC33174DTBR2G onsemi IC OPAMP GP 4 CIRCUIT 14TSSOP
 MC33178DR2G onsemi IC OPAMP GP 2 CIRCUIT 8SOIC	 MC33178DMR2G onsemi IC OPAMP GP 2 CIRCUIT 8MSOP	 MC33174PG onsemi IC OPAMP GP 4 CIRCUIT 14DIP	 MC33174VDR2G onsemi IC OPAMP GP 4 CIRCUIT 14SOIC	 MC33178DR2 onsemi IC OPAMP DUAL LP LOW NOISE 8SOIC	 MC33178DG onsemi 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

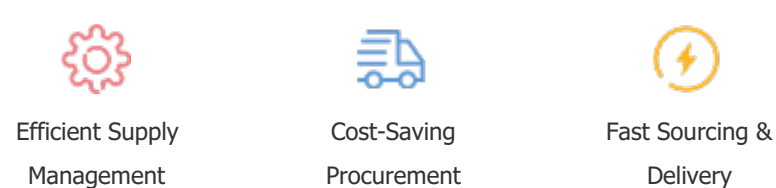
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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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