



## **MC33202VP Information**



For Reference Only

Part Number MC33202VP

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 2.2MHZ RRO 8DIP

**Package** 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **MC33202VP Specifications**

Manufacturer Part Number         MC33202VP           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         1 V/μs           Gain Bandwidth Product         2.2MHz           -3db Bandwidth         -           Current - Input Bias         80nA           Voltage - Input Offset         8mV           Current - Supply         900μA           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 12 V, ±0.9 V ~ 6 V           Operating Temperature         -55°C ~ 125°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         1 V/μs           Gain Bandwidth Product         2.2MHz           -3db Bandwidth         -           Current - Input Bias         80nA           Voltage - Input Offset         8mV           Current - Supply         900μA           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 12 V, ±0.9 V ~ 6 V           Operating Temperature         -55° C ~ 125° C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP	Manufacturer Part Number	MC33202VP
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Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         1 V/μs           Gain Bandwidth Product         2.2MHz           -3db Bandwidth         -           Current - Input Bias         80nA           Voltage - Input Offset         8mV           Current - Supply         900μA           Current - Output / Channel         80mA           Voltage - Supply, Single/Dual (±)         1.8 V ~ 12 V, ±0.9 V ~ 6 V           Operating Temperature         -55°C ~ 125°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP	Series	-
Output Type Rail-to-Rail  Slew Rate $1 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $2.2\text{MHz}$ -3db Bandwidth  - Current - Input Bias $80\text{nA}$ Voltage - Input Offset $8\text{mV}$ Current - Supply $900\mu\text{A}$ Current - Output / Channel $80\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \text{ V} \sim 12 \text{ V}, \pm 0.9 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case $8\text{-DIP}$ (0.300", 7.62mm)  Supplier Device Package $8\text{-PDIP}$	Amplifier Type	General Purpose
Slew Rate 1 V/µs  Gain Bandwidth Product 2.2MHz  -3db Bandwidth -  Current - Input Bias 80nA  Voltage - Input Offset 8mV  Current - Supply 900µA  Current - Output / Channel 80mA  Voltage - Supply, Single/Dual (±) 1.8 V ~ 12 V, ±0.9 V ~ 6 V  Operating Temperature -55°C ~ 125°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  80nA  Voltage - Input Offset  8mV  Current - Supply  900μA  Current - Output / Channel  80mA  Voltage - Supply, Single/Dual (±)  1.8 V ~ 12 V, ±0.9 V ~ 6 V  Operating Temperature  -55°C ~ 125°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Output Type	Rail-to-Rail
-3db Bandwidth  Current - Input Bias  80nA  Voltage - Input Offset  8mV  Current - Supply  900μA  Current - Output / Channel  80mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  -55°C ~ 125°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Slew Rate	1 V/μs
Current - Input Bias  80nA  Voltage - Input Offset  8mV  Current - Supply  900μA  Current - Output / Channel  80mA  Voltage - Supply, Single/Dual (±)  1.8 V ~ 12 V, ±0.9 V ~ 6 V  Operating Temperature  -55°C ~ 125°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Gain Bandwidth Product	2.2MHz
Voltage - Input Offset8mVCurrent - Supply900μACurrent - Output / Channel80mAVoltage - Supply, Single/Dual (±) $1.8 \text{ V} \sim 12 \text{ V}, \pm 0.9 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	-3db Bandwidth	-
Current - Supply 900 $\mu$ A  Current - Output / Channel 80mA  Voltage - Supply, Single/Dual (±) 1.8 V ~ 12 V, $\pm 0.9$ V ~ 6 V  Operating Temperature -55°C ~ 125°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP	Current - Input Bias	80nA
Current - Output / Channel $80 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $1.8 \text{ V} \sim 12 \text{ V}, \pm 0.9 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $8\text{-DIP } (0.300^{\circ}, 7.62 \text{mm})$ Supplier Device Package $8\text{-PDIP}$	Voltage - Input Offset	8mV
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Operating Temperature  -55°C ~ 125°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package  8-PDIP	Current - Output / Channel	80mA
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Voltage - Supply, Single/Dual (±)	1.8 V ~ 12 V, ±0.9 V ~ 6 V
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Operating Temperature	-55°C ~ 125°C
Supplier Device Package 8-PDIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-PDIP
		Report errors?

### **MC33202VP Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# MC33202VP Payment Methods



















### MC33202VP Shipping Methods













If you have any question about MC33202VP, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com