MCP617-I/SN

Data Sheet

Operational Amplifier, Dual, 2 Amplifier, 190 kHz, 0.08 V/µs, 2.3V to 5.5V, SOIC, 8 Pins

Manufacturers	Microchip Technology, Inc
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for MCP617-I/SN or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

The MCP617 dual operational amplifier (op amp) has a gain bandwidth product of 190 kHz with a low typical operating current of 19 µA and an offset voltage that is less than 150 µV. The MCP617 uses Microchip's advanced CMOS technology, which provides low bias current, high-speed operation, high open-loop gain and rail-to-rail output swing. The MCP617 operates with a single supply voltage that can be as low as 2.3V, while drawing less than 25 µA of quiescent current per amplifier. The MCP617 is available in standard 8-lead PDIP, SOIC and MSOP packages. This amplifier is ideal for battery and loop-powered applications as well as industrial process control, low-power battery-operated devices, portable equipment, data acquisition equipment, test equipment and low-end audio applications.

Features

Trimmed for Low Offset Voltage

190kHz Gain Bandwidth Product

Unity gain stable

Rail-to-Rail Output

Specified over the Industrial Temperature Range

Related Products

[MCP6S28-I/SL]

Microchip Technology, Inc

SOIC-16

[MCP6V31T-E/OT]

Microchip Technology, Inc

SOT-23-5

[MCP6V11T-E/OT]

Microchip Technology, Inc

SOT-23-5

[MCP6L01T-E/OT]

Microchip Technology, Inc

SOT-23-5

[MCP6024-I/SL]

Microchip Technology, Inc

SOIC-14

[MCP6022-I/SN]

Microchip Technology, Inc

SOIC-8

[MCP604-E/SL]

Microchip Technology, Inc

SOIC-14

[MCP602T-I/SN]

Microchip Technology, Inc

SOIC-8