MCP6022-I/SN

Data Sheet

Operational Amplifier, Dual, 2 Amplifier, 10 MHz, 7 V/µs, 2.5V 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 MCP6022-I/SN or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The MCP6022 dual operational amplifier (op amp) has a gain bandwidth product of 10 MHz with a low typical operating current of 1.0 mA and an offset voltage that is less than 0.5 mV. The MCP6022 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 MCP6022 operates with a single supply voltage that can be as low as 2.5V, while drawing less than 1.35 mA of quiescent current per amplifier. The MCP6022 is available in standard 8-lead PDIP, SOIC and TSSOP 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. AEC-Q100 Grade 1 qualification is available for this device

Features

Trimmed for Low Offset Voltage

10MHz Gain Bandwidth Product

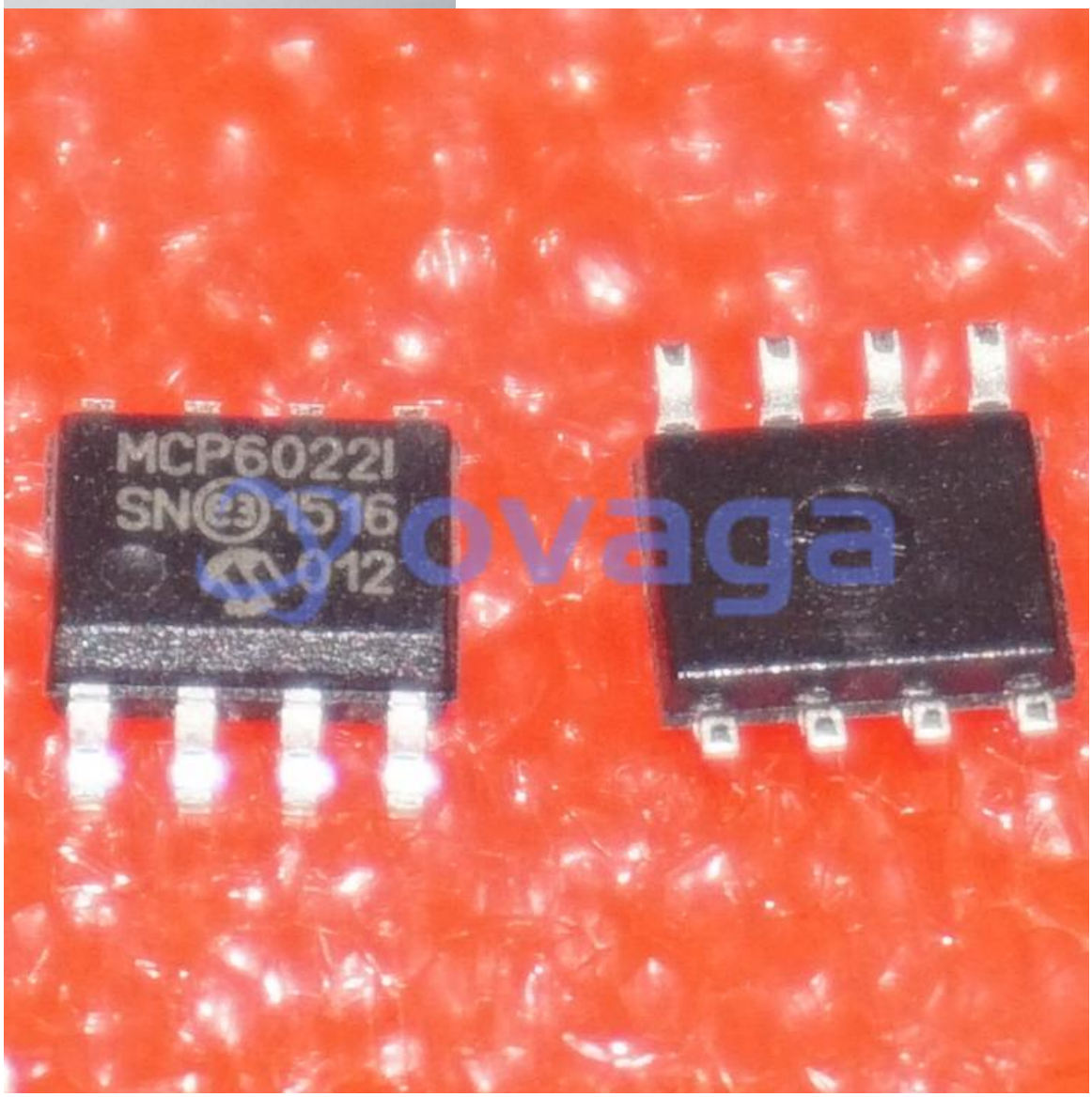
Rail-to-Rail Input/Output

Unity Gain Stable

Specified over the Extended Temperature Range

Small 8-pin TSSOP Package

AEC-Q100 Grade 1 qualification



Related Products

[MCP6S28-I/SL](#)

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SOIC-16

[MCP6V31T-E/OT](#)

Microchip Technology, Inc

SOT-23-5

[MCP6V11T-E/OT]

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[MCP6L01T-E/OT]

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Microchip Technology, Inc

SOIC-14