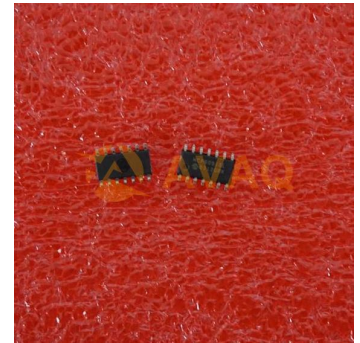


Op Amp Quad Micropower Amplifier R-R O/P 6V Automotive 14-Pin SOIC N Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOP14

Product Type: Amplifier ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The MCP609 quad operational amplifier (op amp) has a gain bandwidth product of 155 kHz with a low typical operating current of 18.7 and an offset voltage that is less than 250 μ V. The MCP609 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 MCP609 operates with a single supply voltage that can be as low as 2.5V, while drawing less than 25 of quiescent current per amplifier. The MCP609 is available in standard 14-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

Key Features

Rail-to-rail output

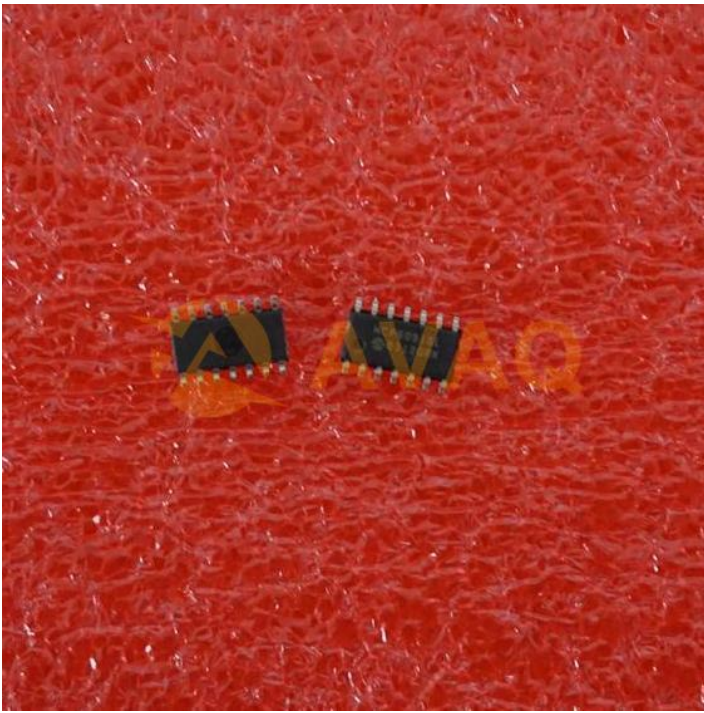
Unity-gain stable

No phase reversal

1pA Typical low input bias current

25 μ A Maximum low quiescent current

80pA (maximum at +85°C) Low input bias current



Recommended For You

MCP602-I/P

Microchip Technology, Inc

DIP

MCP6402T-E/MNY

Microchip Technology, Inc

QFN

MCP607-I/P

Microchip Technology, Inc

DIP8

MCP6442-E/SN

Microchip Technology, Inc

SOP8

MCP6022-I/P

Microchip Technology, Inc

DIP8

MCP6292-E/SN

Microchip Technology, Inc

SOP8

MCP6H02-E/SN

Microchip Technology, Inc

SOP8

MCP6542-E/SN

Microchip Technology, Inc

SOP-8

MCP6044-I/SL

Microchip Technology, Inc

SOP14

MCP6S26-I/ST

Microchip Technology, Inc

TSSOP14

MCP6041-I/SN

Microchip Technology, Inc

SOP8

MCP6562-E/MS

Microchip Technology, Inc

MSOP8

MCP6N16-100E/MS

Microchip Technology, Inc

MSOP8

MCP6561RT-E/OT

Microchip Technology, Inc

SOT23-5

MCP6244-E/SL

Microchip Technology, Inc

SOP14