

Op Amp Dual GP R-R O/P $\pm 8V/16V$ Automotive 8-Pin SOIC N Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOP8

Product Type: Amplifier ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The MCP6H02 operational amplifier (op amp) has a wide supply voltage range of 3.5V to 16V and rail-to-rail output operation. This device is unity gain stable and has a gain bandwidth product of 1.2 MHz (typical). This device operates with a single-supply voltage as high as 16V, while only drawing 135 μA /amplifier (typical) of quiescent current. The MCP6H02 family is fully specified in extended temperature range from $-40^{\circ}C$ to $+125^{\circ}C$ and is available in 8L-SOIC and 8L- 2x3 TDFN

Key Features

$\pm 3.5mV$ (maximum) Input offset voltage

100dB Typical common mode rejection ratio

102dB Typical power supply rejection ratio

Unity gain stable

Recommended For You

MCP609-I/SL

Microchip Technology, Inc

SOP14

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

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