

INST Amp Single R-R I/O 5.5V 8-Pin SOIC N Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: SOIC8

Product Type: Amplifier ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The MCP6N11 single instrumentation amplifier is optimized for single-supply operation with rail-to-rail input and output performance. Two external resistors set the gain, minimizing gain error and drift over temperature. The supply voltage range of 1.8V to 5.5V is low enough to support many portable applications. All devices are fully specified from -40 to +125C.

Key Features

Rail-to-rail input and output

Gain set by 2 external resistors

Minimum gain (GMIN) options - 1, 2, 5, 10 or 100 V/V

Power supply rejection ratio (PSRR) - 112dB (typical, GMIN = 100)

800µA/channel Typical supply current

Single channel

(EN/CAL) Enable/VOS calibration pin

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

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