
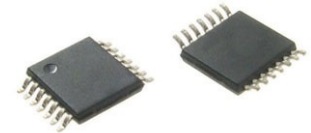


SP Amp Variable Gain Amp Single R-R I/O 5.5V 14-Pin TSSOP Tube

Manufacturer:	Microchip Technology, Inc
Package/Case:	TSSOP14
Product Type:	Amplifier ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The MCP6S21, MCP6S22, MCP6S26, and MCP6S28 Programmable Gain Amplifiers offer 1, 2, 6 or 8 input channels respectively and eight steps of gain. These devices are programmable over an SPI bus and thus add gain control and input channel selection to the embedded control system. This is all achieved in one simple integration that allows for considerably greater bandwidth at a low supply current.

Key Features

SPI Bus to Control Gain and Select Input Channel

Gain Steps of 1, 2, 4, 5, 8, 10, 16 and 32 V/V

Gain Error < 1%

Rail-to-Rail Input and Output

Low Noise: 10 nV/rHz

Low Supply Current: 1.1 mA (typical)

Single Supply 2.5V to 5.5V

Industrial Temperature Range: -40°C to 85°C

14-pin TSSOP Package

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

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