

## High Voltage Amplifier Array 24-Pin TSSOP T/R

**Manufacturer:** [Microchip Technology, Inc](#)

**Package/Case:** TSSOP24

**Product Type:** Amplifier ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

HV264 is a quad high voltage amplifier array integrated circuit. It operates on a 200V high voltage supply and a 5.0V low voltage supply. Each channel has its own input and output. When both VOUT and FB pins are connected together and RGND is set at 0V, a non-inverting amplifier is formed with closed loop gain of 66.7V/V. High value internal feedback resistors are used to minimize the power dissipation. The input voltage VIN is designed for a range of 0.05V to 2.85V. The output can swing from 1.0V to VPP -10V. A 2.85V input will cause the output to swing to 190V. The HV264 is designed for maximum performance with minimal high voltage current. The high voltage current for each channel is less than 75 $\mu$ A. The typical output slew rate performance is 9.0V/ $\mu$ s.

### Key Features

Four independent high voltage amplifiers

215V output swing

9.0V/ $\mu$ s typical output slew rate

Fixed gain of 66.7V/V

High value internal feedback resistors

Very low operating current

### Recommended For You

#### HV256FG-G

Microchip Technology, Inc

QFP

#### HV254FG

Microchip Technology, Inc

QFP100

#### HV257FG

Microchip Technology, Inc

MQFP-100

**HV256FG**

Microchip Technology, Inc

QFP

**HV257FG-G**

Microchip Technology, Inc

MQFP-100

**HV254FG-G**

Microchip Technology, Inc

MQFP-100

**MCP609-I/SL**

Microchip Technology, Inc

SOP14

**MCP602-I/P**

Microchip Technology, Inc

DIP

**MCP6402T-E/MNY**

Microchip Technology, Inc

QFN

**SY88903VKG**

Microchip Technology, Inc

MSOP10

**MCP607-I/P**

Microchip Technology, Inc

DIP8

**MIC841LYC5-TR**

Microchip Technology, Inc

SC-70-5

**MCP6442-E/SN**

Microchip Technology, Inc

SOP8

**MIC842LYC5-TR**

Microchip Technology, Inc

SC70-5

**MCP6022-I/P**

Microchip Technology, Inc

DIP8