

4-Channel Electronic Volume with Input Selector

■ GENERAL DESCRIPTION

The **NJW1195A** is a 4-channel electronic volume with 4-in 2-out stereo audio selector. It performs low noise and low distortion characteristics with resistance ladder circuit.

The **NJW1195A** is also available for 2-channel differential transmission electronic volume with 2-in 1-out stereo audio selector by a differential transmission select function.

All of functions are controlled via three-wired serial bus. Selectable 4-Chip address is available for using four chips on same serial bus line.

It's suitable for two-channel stereo system and or multi-channel audio system.

At the volume attenuated, the **NJW1195A** improves low distortion compared with NJW1195. Furthermore, the **NJW1195A** supports both single power supply operation and dual power supply operation.

■ PACKAGE OUTLINE



NJW1195AV

■ FEATURES

- Operating Voltage
 - Dual power supply : ± 3.5 to ± 7.5 V
 - Single power supply : $+7.0$ to $+15$ V
- 3-Wired Serial Control
- Selectable 4-Chip Address
- Low Output Noise
- Low Distortion
- 4in 2out Stereo Signal Selector
- Volume
 - $+31.5$ to -95 dB / 0.5 dB step, Mute
- Differential transmission select function
- Channel Separation
- Zero Cross Detection
- Bi-CMOS Technology
- Package Outline
 - SSOP32

■ BLOCK DIAGRAM

