

OPERATIONAL AMPLIFIERS

Single-Supply Quad Operational Amplifier

NJM12902

DATA SHEET

Single-Supply Dual Operational Amplifier

NJM12904

DATA SHEET

■ GENERAL DESCRIPTION

The NJM12902 is single-supply quad operational amplifier, which can operate from 2V supply. The features are low offset voltage, low bias current, and drive TTL or DTL circuit directly. The package lineup is DIP, DMP and others compact, which is SON, so that the NJM12902 is suitable for audio for low voltage operation and any other kind of signal amplifier.

■ FEATURES

- Operating Voltage : +2V - +14V
- Input Offset Voltage : 5mV max.
- Slew Rate : 0.7V/ μ s typ.
- Operating Current : 1.0mA typ.
- Bipolar Technology
- Package : DIP/DMP/EMP/SSOP14

■ EQUIVALENT CIRCUIT (1/4 Shown)

■ GENERAL DESCRIPTION

The NJM12904 is single-supply dual operational amplifier, which can operate from 2V supply. The features are low offset voltage, low bias current, and drive TTL or DTL circuit directly. The package lineup is DIP, DMP and others compact, which is SON, so that the NJM12904 is suitable for audio for low voltage operation and any other kind of signal amplifier.

■ FEATURES

- Operating Voltage : +2V - +14V
- Input Offset Voltage : 5mV max.
- Slew Rate : 0.7V/ μ s typ.
- Operating Current : 0.7mA typ.
- Bipolar Technology
- Package : DIP/DMP/EMP/SIP/SSOP/VSP8

■ EQUIVALENT CIRCUIT (1/2 Shown)

