

## DUAL AUDIO OPERATIONAL AMPLIFIER

### ■ GENERAL DESCRIPTION

The NJM8080 is dual operational amplifier designed for audio applications. NJM8080 finely refines to every detail from Si-wafer to circuit layout, stick in a thorough improvement in sound quality. The NJM8080 features high resolution and crispy-clear high frequency sound, which can fully perform the digital sound source with loss-less.

NJM8080 features low noise, wide gain-bandwidth, low distortion and high output current, and various reliabilities and conveniences are improved. NJM8080 can widely be used as the standard audio operational amplifier.

### ■ FEATURES

- Operating Voltage                                 ±2V to ±18V
- Low Input Noise Voltage                        5nV/ $\sqrt{\text{Hz}}$  typ. at f=1kHz
- Wide Gain Bandwidth Product                15MHz typ.
- Low Distortion                                    0.0005% typ.
- Slew Rate   5V/ $\mu\text{s}$  typ.
- Bipolar Technology
- Package Outline                                 SOP8,  
MSOP8 (TVSP8)\*

### ■ PACKAGE OUTLINE

### ■ PIN CONFIGURATION