



Sound Enhancement Audio Processor

NJM2153

[DATA SHEET](#)

■ GENERAL DESCRIPTION

The **NJM2153** is a Sound Enhancement Audio Processor for professional audio equipment. It regenerates high definitive and nearly real sound.

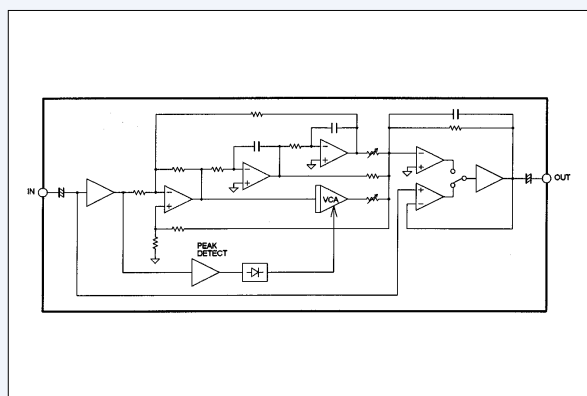
The internal AGC circuit suppresses the Boost Gain of High Band to reduces a noise when faint signals are inputted.

The **NJM2153** is suitable for Mixer, Effector for Musical Instruments and High-end Audio System which require Low Distortion, Wide Dynamic Range, and others.

■ FEATURES

- Operating Voltage ± 9 to ± 8 V
- Low Operating Current 5.2mA typ.
- Low Output Noise (at BBE ON) 20 μ Vrms typ.
- Low Distortion 0.02% typ.
- Internal BBE ON/OFF Switch
- Bipolar Technology
- Package Outline DIP20, DMP20

■ BLOCK DIAGRAM



Sound Enhancement Processor For Telephone

NJU7087

[DATA SHEET](#)

■ GENERAL DESCRIPTION

The **NJU7087** is a Sound Enhancement Processor for telephone, using a low power C-MOS technology. By sound enhancement and LPF circuit, the **NJU7087** regenerates a clearness of conversation sound without increasing of noise.

The **NJU7087** is suitable for limited band-width applications, such as telephone, and answer phone.

■ FEATURES

- Low Operating Voltage 2.4 to 5.5V
- Low Operating Current 2mA typ.
- BBE System ON/OFF Function
- C-MOS Technology
- Package Outline SSOP16

■ BLOCK DIAGRAM

