

BBE

Sound Enhancement Audio Processor

NJM2150

DATA SHEET

NJM2150A

DATA SHEET

■ GENERAL DESCRIPTION

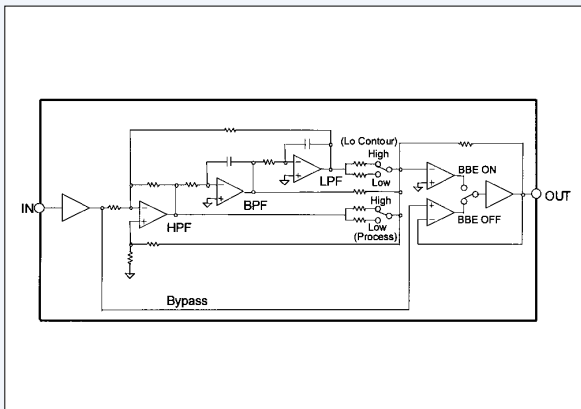
The **NJM2150/2150A** are Sound Enhancement Audio Processors generating high definition and clarity sound.

The **NJM2150/2150A** include BBE ON/OFF switch and two-grade boost switches in low and high frequency band.

■ FEATURES

- Operating Voltage 4.5 to 13V
- Low Output Noise (at BBE ON)
 - NJM2150 10 μ Vrms typ.
 - NJM2150A 14 μ Vrms typ.
- Bypass Gain 0dB typ.
- BBE ON/OFF Switch
- Independent High/Low Boost two-grade Switch
 - NJM2150 Low : 2.5/5.5dB, High : 4.5/7.5dB
 - NJM2150A Low : 6.0/9.0dB, High : 6.0/9.0dB
- Bipolar Technology
- Package Outline DIP20, DMP20, SSOP20

■ BLOCK DIAGRAM

**BBE**

Sound Enhancement Audio Processor

NJM2152

DATA SHEET

■ GENERAL DESCRIPTION

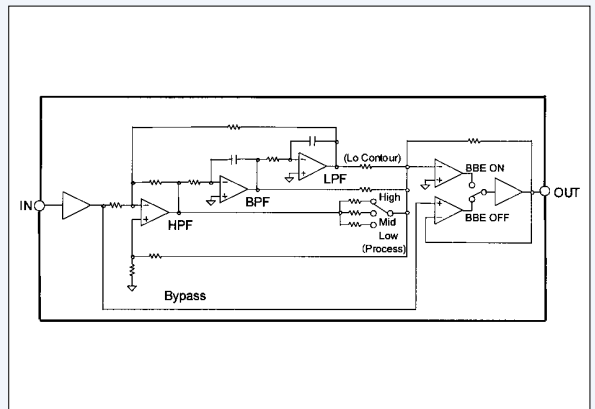
The **NJM2152** is a Sound Enhancement Audio Processor generating high definition and clarity sound.

It includes BBE ON/OFF switch and three-grade boost switch in high band.

■ FEATURES

- Operating Voltage 4.5 to 13V
- Low Operating Current 8mA typ.
- Low Output Noise (at BBE ON) 14 μ Vrms typ.
- Bypass Gain 0dB typ.
- BBE ON/OFF Switch
- Three-grade Boost Switch in High Band 5.0/8.0/11.0dB
- Fixed Boost Level in Low Band 4.0dB
- Bipolar Technology
- Package Outline DIP20, DMP20, SSOP20

■ BLOCK DIAGRAM



Note: The BBE is a registered trademark of BBE Sound, Inc.