



SRS 3D Surround Audio Processor

NJM2178

[DATA SHEET](#)

NJM2179

[DATA SHEET](#)

■ GENERAL DESCRIPTION

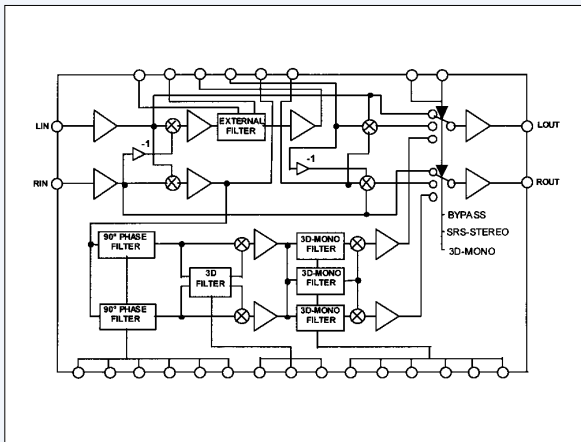
The **NJM2178/2179** are SRS 3D Surround Audio Processors generating the 3D surround sound with only two speakers.

The **NJM2178** generates the 3D surround sound with either monaural or stereo input, while the **NJM2179** generates 3D surround sound with stereo inputs only.

■ FEATURES

- Operating Voltage 4.7 to 13V
- Wide Dynamic Range >110dB
- Low Output Noise (at 3D-STEREO mode) 22 μ Vrms typ.
- BYPASS Gain -3dB typ.
- BYPASS Function (Through)
- Sound Field controlled by SPACE and CENTER VR
- Internal Mode Control Switch
- Bipolar Technology
- Package Outline NJM2178 SDIP30, SDMP30
NJM2179 DIP16, DMP16

■ BLOCK DIAGRAM



NJM2178



SRS 3D Surround Audio Processor

NJM2198

[DATA SHEET](#)

NJM2199

[DATA SHEET](#)

■ GENERAL DESCRIPTION

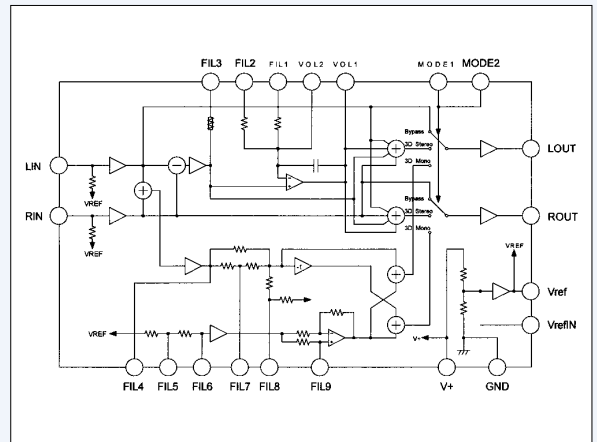
The **NJM2198/2199** are SRS 3D Surround Audio Processors generating the 3D surround sound with only two speakers.

The **NJM2198** generates the 3D surround sound with either monaural or stereo input, while the **NJM2199** generates 3D surround sound with stereo inputs only.

■ FEATURES

- Operating Voltage 4.7 to 13V
- Low Output Noise (at 3D-STEREO mode) 32 μ Vrms typ.
- BYPASS Gain 0dB typ.
- BYPASS Function (Through)
- Sound Field controlled by WIDTH VR
- Internal Mode Control Switch
- Bipolar Technology
- Package Outline NJM2198 DMP24, SDIP22
NJM2199 DIP14, DMP14, SSOP14

■ BLOCK DIAGRAM



NJM2198