

NJRC's Audio IC for Portable Audio Promoting the NJW1125

NJR
NEWS

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NJW1125



NJRC Audio IC series for Portable Audio

This newsletter talks about NJRC'S Audio IC for Portable Audio: NJW1125.

FEATURES

Headphone Amplifier /w Electronic Volume

- **Low Operating Voltage:** $V+1=2.6V$ to $3.6V$ ($V+1 \geq V+2$)
 $V+2=0.9V$ to $3.6V$ ($V+1 \geq V+2$)
 $V_{DD}=2.6V$ to $3.6V$ ($V_{DD}=V+1$)
- Output Power: $P_O=8mW$ (typ)
- **Dynamic Bass Boost** Function
- **"eala headphone"**: NJRC original surround sound
- **Standby** Function
- Serial Control Bus (3-wired)
- Bi-CMOS Technology
- Package Outline: PCSP32SF7

APPLICATIONS:

For portable audio applications, others

Suitable for
Portable Audio Equipment/
Car Rear Entertainment

Under Development
ES: 4Q '06

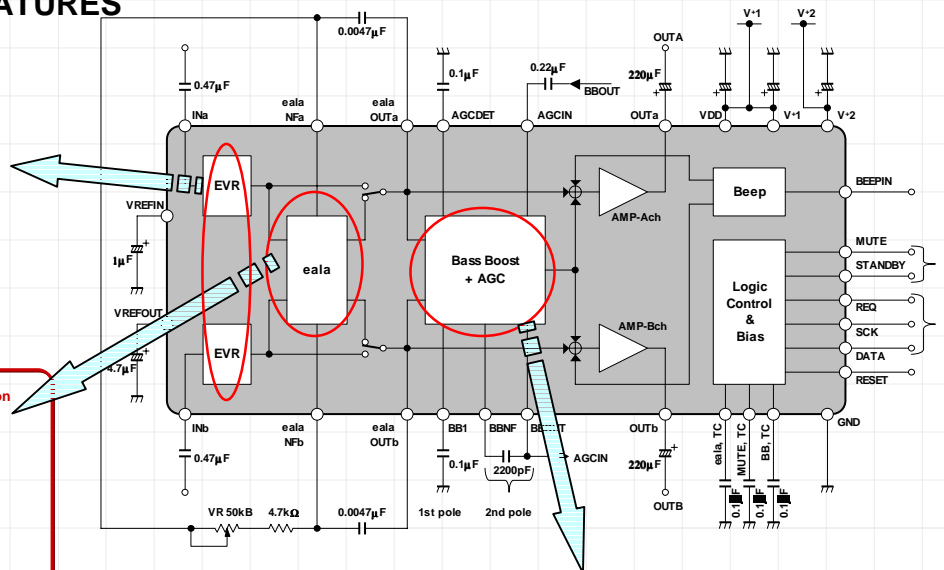
BLOCK DIAGRAM & FEATURES

Volume Control
0dB to -62dB: 1dB/step

The eala headphone technology is optimized headphone application based on eala 3D technology.

eala HEADPHONE OFF

eala HEADPHONE ON



Dynamic Bass Boost



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