

Class - D Amplifiers

with Complete Digital Solution

NJR

NEWS

2002

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June 3, 2002

NJU8725, NJU8721, NJU8711

NJR's New Class - D Amplifiers Offering Significant Power - Saving

NJR's new Class-D amplifiers offer significant power-savings and dramatically improved power efficiencies which enable customers to dramatically shrink the size of products offerings.

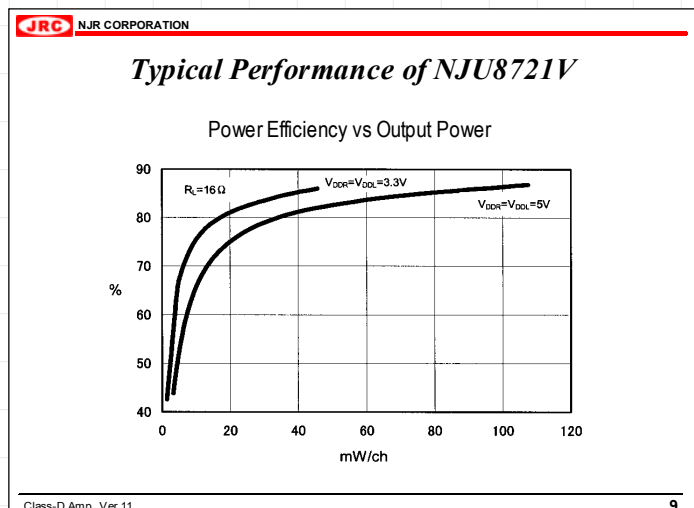
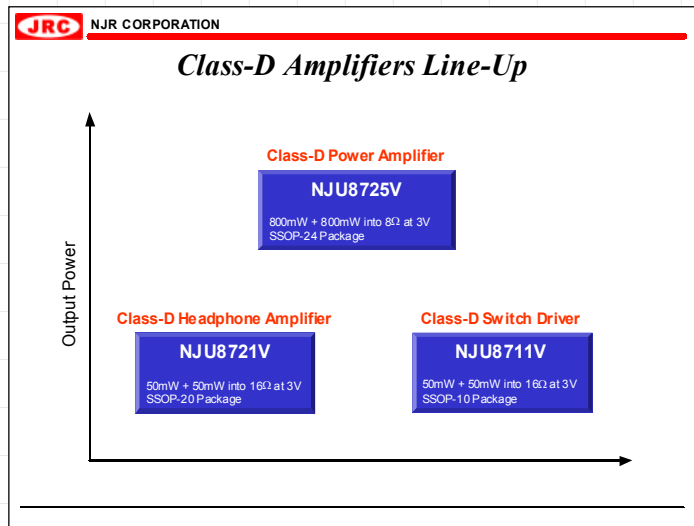
The NJU8721 and the NJU8725 provide the complete digital solution including digital audio data I/F, 8fs over sampling digital filter, and 6th $\Delta\Sigma$ modulator. They convert serial digital source such as world's standard I²S format into 1 bit PWM signal, and end up with converting into analog signal via external filters. The NJU8711 is a switching driver for class-D operation, available in a super tiny package.

Most of the audio equipment are using digital media such as CD, MD, DVD, etc. However their final stage, so-called power amplifier, has been using analog technology. Current significant innovation in the DSP technology, in which digital sound parallels to analog sound, realizes digitalizing power amplifier as the class-D amplifier.

Applications

- Handheld Components
- MP3 Players
- Portable CD Players
- PDAs
- Cellular Phones

Samples are available now !



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NJR CORPORATION offers Bipolar ICs, C-MOS ICs, Bi-CMOS ICs and GaAs MMICs, as well as Saw filters, covering North America and South America to provide technical assistance and quick delivery for achieving customer satisfactions. For further information, please contact:

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