

عنوان مقاله:

Survey Digital Audio Amplifiers

محل انتشار:

نهمین کنفرانس بین المللی راهکارهای نوین در مهندسی، علوم اطلاعات و فناوری در قرن پیش رو (سال: 1400)

تعداد صفحات اصل مقاله: 13

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خلاصه مقاله:

Sound power consists of the power needed to make sound And the definition of ability is the ability to do work per unit time. The development of sound capability and application of design results are among the significant factors in electronics. Production power, which is mainly studied in the field of power and power production, has been shown that by controlling certain parameters, the desired power can be determined and achieved. Research has been presented in the field of amplifying sound power and specific results indicate the determination of effective parameters on it. In an all-digital, class-D audio amplifier, pulse-width-modulation (PWM) of a digital signal source is usually followed by a low-order analog low-pass filter to construct the analog audio waveform. The class- D audio amplifier is getting more and more attention due to its high efficiency, which arises from the switching-mode operation of its .output stage. Along with switching-mode operation, class-D audio amplifiers are able to be digitalized

کلمات کلیدی:

Digital audio , Amplifiers , power

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