Class D IC amps: Ready for audio prime time

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several models available. The Class D amplifier is a switching device, which means it operates at high frequencies and is highly efficient.

In the context of audio amplifiers, Class D is the most commonly used class for high-power applications because of its efficiency and compactness. However, it is not suitable for low-power applications due to the high switching losses.

In summary, when choosing an audio amplifier, you need to consider factors such as power requirements, efficiency, and design constraints to select the appropriate class. Class D amplifiers are a good choice for high-power applications due to their efficiency and compactness, while Class B or BTL amplifiers may be more suitable for low-power applications where the distortion and power efficiency are the main concerns.

References:

Further Reading:

For more detailed information, you can refer to the original articles and the references provided in the text.
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Bill Schweber, Technical Editor
You can reach Bill Schweber at 1-617-558-4484, fax 1-617-558-4470, bill.schweber@cahners.com.