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**Part:** IRAUDAMP12

**Description:** 130W / 4Ohms x 2 Channel Class D Audio Power Amplifier, Using the IR4301

**Support Docs:** [Datasheet](#)

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### **IRAUDAMP12**

*Two-channel 130 W (4 Ohms) Half-bridge Class-D Audio Power Amplifier*

- 130 W x 2 channels, (THD=10%, 1kHz, 4 Ohms)
- 0.02% THD+N distortion @ 50W, 4 Ohms
- Residual noise 250  $\mu$ V, IHF-A weighted, AES-17 filter
- 96% Efficiency @ 130W, 4 Ohms, Class-D Stage
- OCP, OVP, UVP, DC protection & OTP
- Self-oscillating half-bridge topology with optional clock synchronization
- Featuring [IR4301](#) PowIRaudio™ integrated Class