

Class D Amplifier Brings Affordable fidelity to Consumer Audio

Silicon Laboratories Inc. introduces the industry's first 5 Watt stereo Class D amplifier that effectively mitigates electromagnetic interference (EMI), bringing affordable fidelity to consumer audio electronics. The Si270x amplifier is ideal for use in a wide range of price- and noise-sensitive consumer audio products including smart phone docking stations, tabletop radios, TV sound bars and monitors, boom boxes and battery-powered radios. The Si270x amplifier uses multi-layer EMI mitigation technology to suppress traditional Class D interference at its source, enabling easier EMI compliance, AM/FM radio co-existence and smart phone compatibility in consumer audio products. Compared to existing Class D solutions, the Si270x amplifier reduces radiated interference by 10X in the EMI compliance band, by 100X in the FM radio band and by 1000X across the AM band.

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