

IRAUDAMP4

Two-channel 120W Half-bridge Class-D Audio Power Amplifier

Features

- 120W x 2 Channels, (THD=1%, 1kHz)
- 0.004% THD+N @ 60W (4 Ω)
- 52μV Distortion, IHF-A weighted, AES-17 filter
- 96% Efficiency @ 120W, 4Ω – Single Channel Driven, Class-D Stage
- OCP, OVP, UVP, DC protection & OTP
- Self-oscillating half-bridge topology with optional clock synchronization
- Featuring IRS20955S Gate Driver and IRF6645 DirectFET MOSFETs



Design kit includes

- Assembled and tested demo board
- Application notes
- Schematic
- Bill of Materials
- Data sheets

For a list of all available reference designs: <http://www.irf.com/technical-info/refdesigns/>

IRAUDAMP5

Two-channel 120W Half-bridge Class-D Audio Power Amplifier



Features

- 120W x 2 Channels, (THD=1%, 1kHz)
- 0.005% THD+N @ 60W (4Ω)
- 170μV Distortion, IHF-A weighted, AES-17 filter
- 96% Efficiency @ 120W, 4Ω – Single Channel Driven, Class-D Stage
- OCP, OVP, UVP, DC protection & OTP
- Self-oscillating half-bridge topology with optional clock synchronization
- Featuring IRS2092S Control IC and IRF6645 DirectFET MOSFETs

Design kit includes

- Assembled and tested demo board
- Application notes
- Schematic
- Bill of Materials
- Data sheets

For a list of all available reference designs: <http://www.irf.com/technical-info/refdesigns/>