

IRAUDAMP19

Overview ^

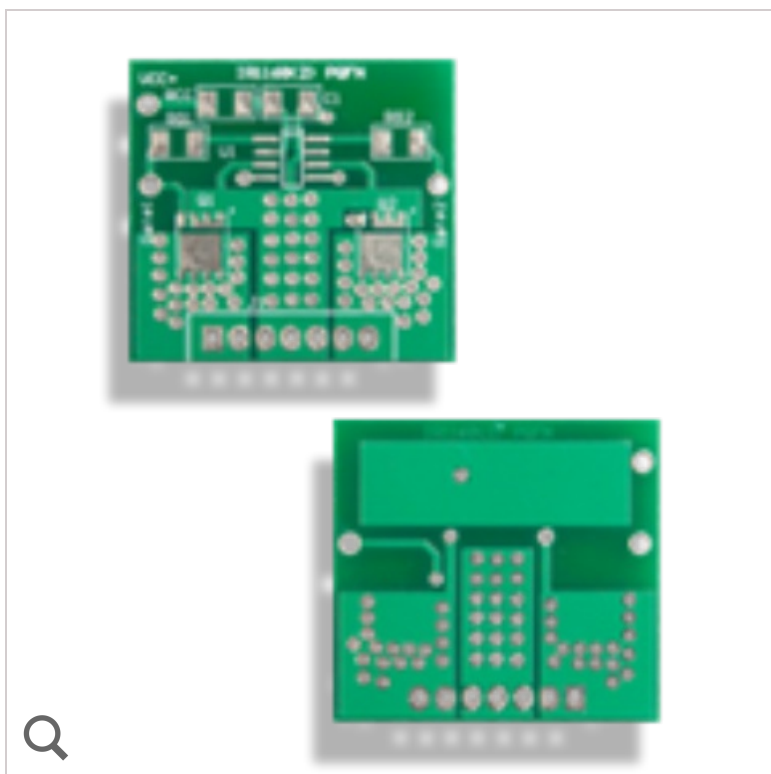
Two-channel 100 W (4 Ohms) Half-bridge Class-D Audio Power Amplifier with single power supply

Benefits:

- 100 W x 2 channels, (THD=10%, 1kHz, 4 Ohms)
- 0.02% THD+N distortion @ 10W, 4 Ohms
- Residual noise 230 μ V, IHF-A weighted, AES-17 filter
- 96% Efficiency @ 75W, 4 Ohms, Class-D Stage
- OCP, OVP, UVP and OTP
- Self-oscillating half-bridge topology
- Featuring IR4301 **Pow IAudio**™ integrated Class D IC

Target Applications:

- Class D Audio



Parametrics v

Parametrics	IRAUDAMP19
Additional Features	100W / 4Ω x 2 Channels
Applications	Audio
Configuration	IR4301M
Input Type	Single
P _{out} max	100.0 W
Product Description	100 W x 2 channels, (THD=10%, 1kHz, 4 Ohms). 0.02% THD+N distortion @ 10W, 4 Ohms. Residual noise 230 μV, IHF-A weighted, AES-17 filter. 96% Efficiency @ 75W, 4 Ohms, Class-D Stage. OCP, OVP, UVP and OTP. Self-oscillating half-bridge topology. Featuring IR4301 PowlRaudio™ integrated Class D IC.
Product Name	Evaluation Board IRAUDAMP19
Type	Evaluation Board


Order

Sales Product Name	IRAUDAMP19
OPN	IRAUDAMP19
Product Status	active and preferred
Package name	--
Order online	
Completely lead free	no
Halogen free	
RoHS compliant	yes
Packing Size	1
Packing Type	CONTAINER
Moisture Level	
Moisture Packing	NON DRY


Boards

+ Expand all

+ Reference Design

 Reference Design - IRAUDAMP19 (/dgd/iraudamp19.pdf?fileId=5546d462533600a40153569a9fab2bed)
> EN (/dgd/iraudamp19.pdf?fileId=5546d462533600a40153569a9fab2bed)
2012-05-16 | pdf | 799 KB

+ PCB Design Data

 Gerber Files - IRAUDAMP19 (/dgd/iraudamp19.zip?fileId=5546d462533600a40153574901d54014)
> EN (/dgd/iraudamp19.zip?fileId=5546d462533600a40153574901d54014)
2011-07-29 | zip | 72 KB

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Other Distributor / Reseller

Product Name*

IRAUDAMP19

Estimated annual production volume (pieces) per year*

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