

General Description

The ETK4812 is a dual audio power amplifier capable of delivering 105mW per channel of continuous average power into a 16Ω load with 0.1% (THD+N) from a 5V power supply.

Boomer audio power amplifiers were designed specifically to provide high quality output power with a minimal amount of external components. Since the ETK4812 does not require bootstrap capacitors or snubber networks, it is optimally suited for low-power portable systems.

The unity-gain stable ETK4812 can be configured by external gain-setting resistors.

The ETK4812 features an externally controlled, active-low, micropower consumption shutdown mode, as well as an internal thermal shutdown protection mechanism.

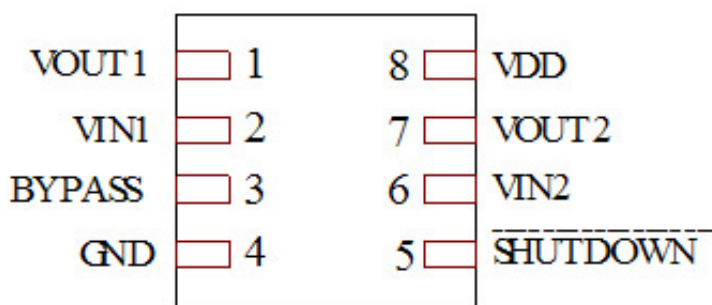
Features

- Active-low shutdown mode
- "Click and Pop" reduction circuitry
- Low shutdown current
- No bootstrap capacitors required
- Unity-gain stable
- Package : DFN8-3*3(ETK4812Y), DFN8-2*2(ETK4812Y1)

Applications

- Headphone Amplifier
- Personal Computers
- Microphone Preamplifier
- PDA's

Pin Configuration



DFN8