

General Description

The ETK4888 is a dual bridge-connected audio power amplifier which, when connected to a 5V supply, will deliver 2.1W to a 4Ω load or 2.4W to a 3Ω load with less than 1.0% THD+N.

The ETK4888 also has two separate HP (headphone) enable inputs, each having different logic level thresholds. Either HP enable input activates the single ended headphone mode and disables the BTL output mode. The HP Sense input is for use with a normal stereo headphone jack. The remaining input, HP Logic, accepts standard logic level thresholds.

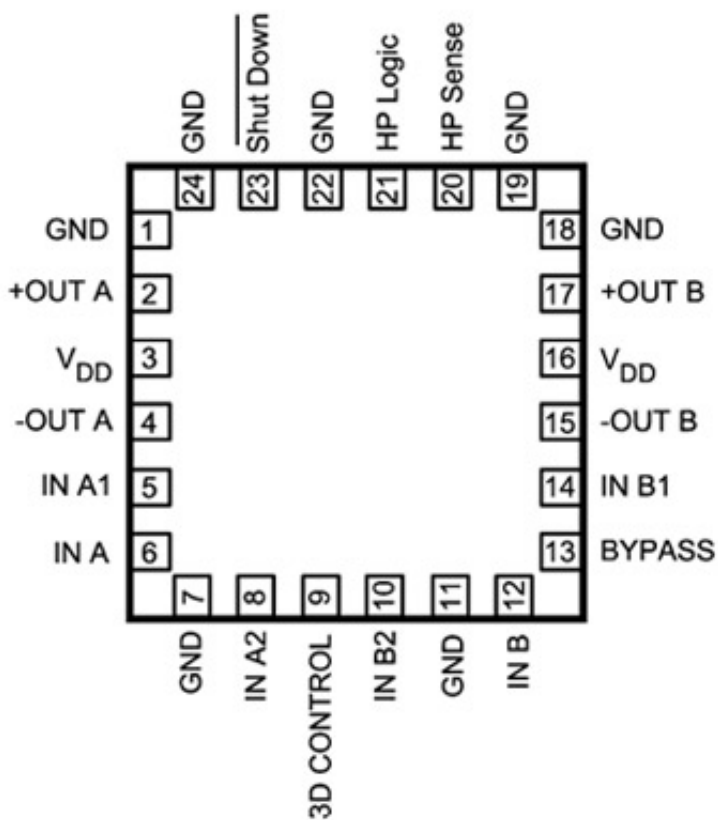
Features

- Stereo headphone amplifier mode
- Selectable 3D Enhancement
- 2.2~5.5v operation voltage
- Micro power shutdown mode
- Improved “click and pop” suppression circuitry
- Thermal shutdown protection circuitry
- Unity-gain stable
- Package: QFN24 (ETK4888Y)

Applications

- Cell phones
- Multimedia monitors
- Portable and desktop computers
- Portable audio systems

Pin Configuration



(ETK4888Y)