

## General Description

The ET8403 is a 3W, class-D audio amplifier. It offers low THD+N, allowing it to achieve high-quality sound reproduction. The new filterless architecture allows the device to drive the speaker directly, requiring no low-pass output filters, thus to save the system cost and PCB area.

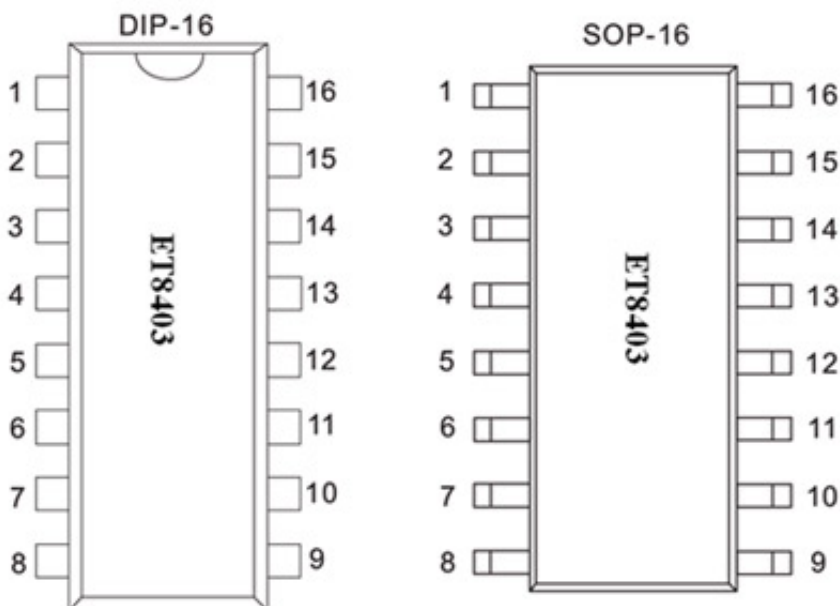
With the same numbers of external components, the efficiency of the ET8403 is much better than that of class-AB cousins. It can extend the battery life, ideal for portable applications.

The ET8403 is available in SOP-16, DIP-16 package.

## Features

- 3W Output at 10% THD with a 4Ω Load and 5V Power Supply
- Filterless, Low Quiescent Current & Low EMI
- Low THD+N
- Superior Low Noise
- Efficiency up to 90%
- Short Circuit Protection
- Thermal Shutdown
- Few External Components to Save the Space & Cost
- Pb-Free Package
- Applications
  - LCD Monitors / TV Projectors
  - Notebook Computers
  - Portable Speakers
  - Portable DVD Players, Game Machines
  - Cellular Phones/Speaker Phones

## Pin Configuration



Top View