



Headphone Driver IC

PT2309

DESCRIPTION

The PT2309 is a headphone driver IC, it can working on wide supply range. Utilizing CMOS Technology, it has very low power consumption in stand-by mode. Total harmonic distortion is lower than 0.03% (32Ω load) and the also has low noise output. Built-in mute function can prevent popping sounds happen when power is turned ON or OFF. It is also has built-in over-temperature protection, minimum package size for space saving and suitable for small or portable products.

FEATURES

- CMOS Technology
- Stereo Input
- Drive 32Ω impedance load
- Low noise, Low distortion
- Suppress the pop and click noise when mode changed
- Built-in mute function
- Available in 8 Pins, DIP or SOP Package

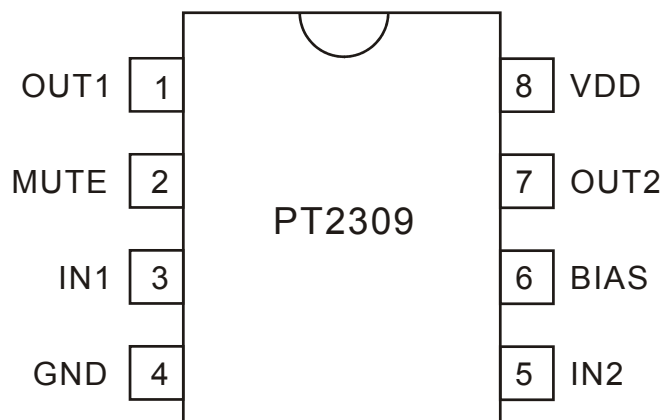
APPLICATIONS

- Portable VCD/DVD
- CD-ROM
- PDA
- Sound Card





PIN CONFIGURATION

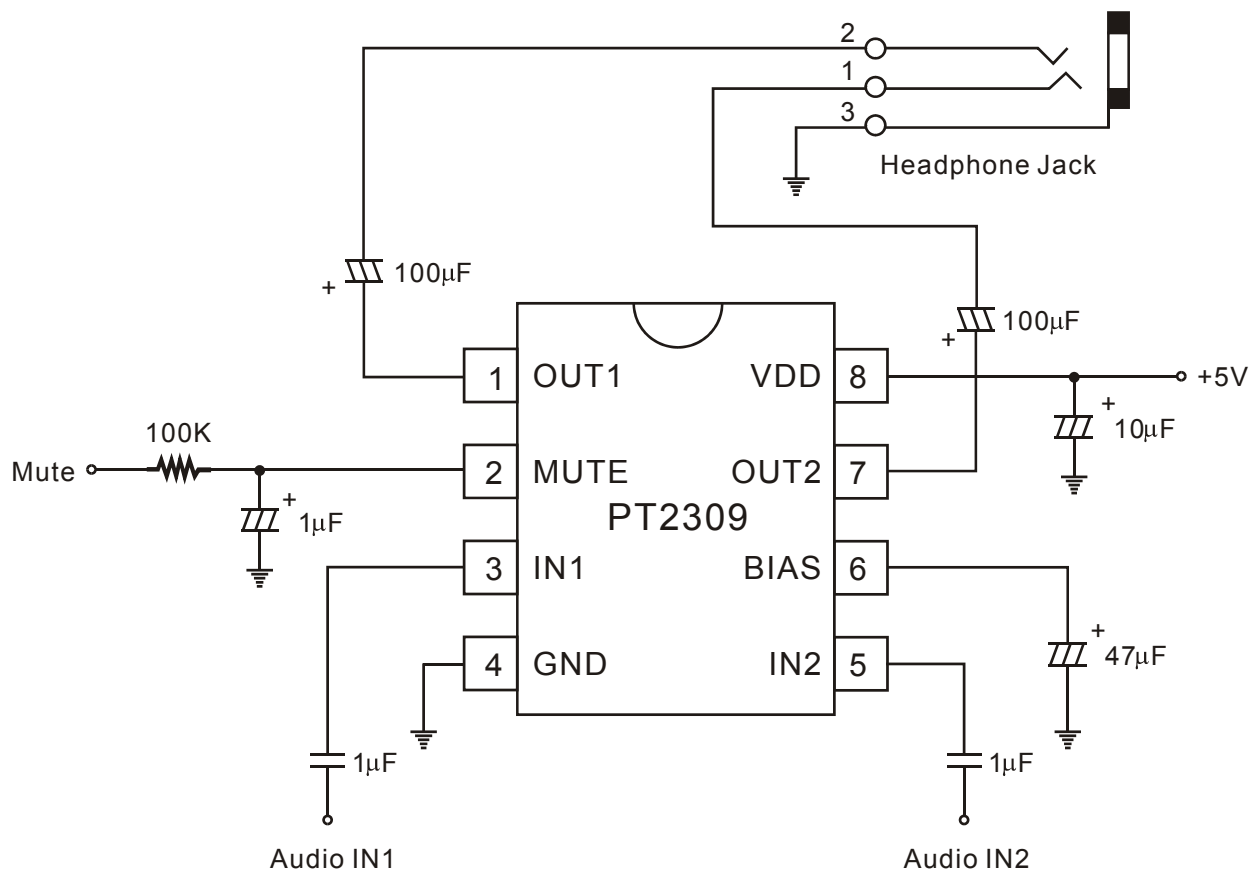




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APPLICATION CIRCUIT





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ORDER INFORMATION

Valid Part Number	Package Type	Top Code
PT2309-D	8-Pin, DIP, 300mil	PT2309-D
PT2309-S	8-Pin, SOP, 150mil	PT2309-S
PT2309-D (L)	8-Pin, DIP, 300mil	PT2309-D
PT2309-S (L)	8-Pin, SOP, 150mil	PT2309-S

Notes:

1. (L) = Lead Free
2. The Lead Free mark is put in front of the date code.

