

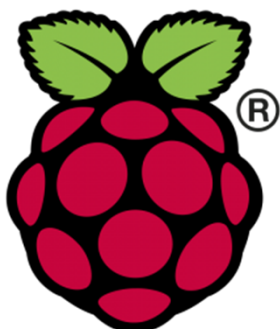
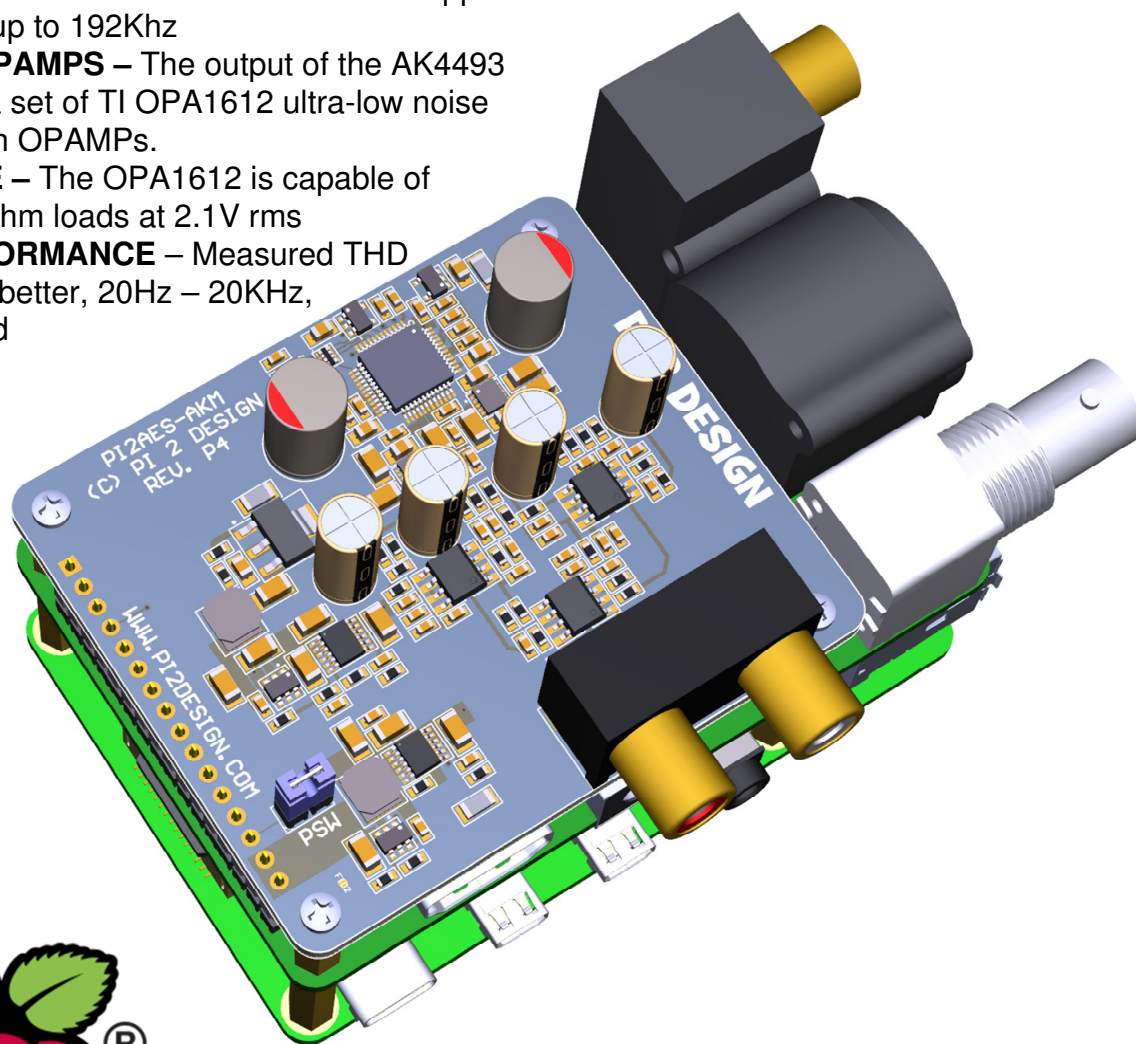
PI 2 DESIGN - PI2AES-AKM, DAC ADD-ON

Introduction and Overview

The PI2AES-AKM, designed and manufactured by PI 2 Design, is a High Quality, Low Distortion (-108dB @ 1Khz) DAC Add On for the PI2AES platform. This cost effective board is based on the highly regarded AKM AK4493 24-Bit DAC. The PI2AES-AKM allows the PI2AES to interface with powered speakers as well as Amplifiers and mixers. Output is via dual RCA connectors providing 2.1V RMS at 0dB.

Specifications and Features

- **FORM FACTOR** – PI2AES Add-On Form Factor
- **PLUG AND PLAY** – No driver is required. The Analog output follows the PI2AES digital out
- **AKM AK4493** – This Low Distortion DAC supports 16 and 24-Bit Input up to 192Khz
- **OPA1612 OPAMPS** – The output of the AK4493 is routed to a set of TI OPA1612 ultra-low noise and distortion OPAMPS.
- **HIGH DRIVE** – The OPA1612 is capable of driving 600 ohm loads at 2.1V rms
- **HIGH PERFORMANCE** – Measured THD is -108dB or better, 20Hz – 20KHz, non-weighted



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