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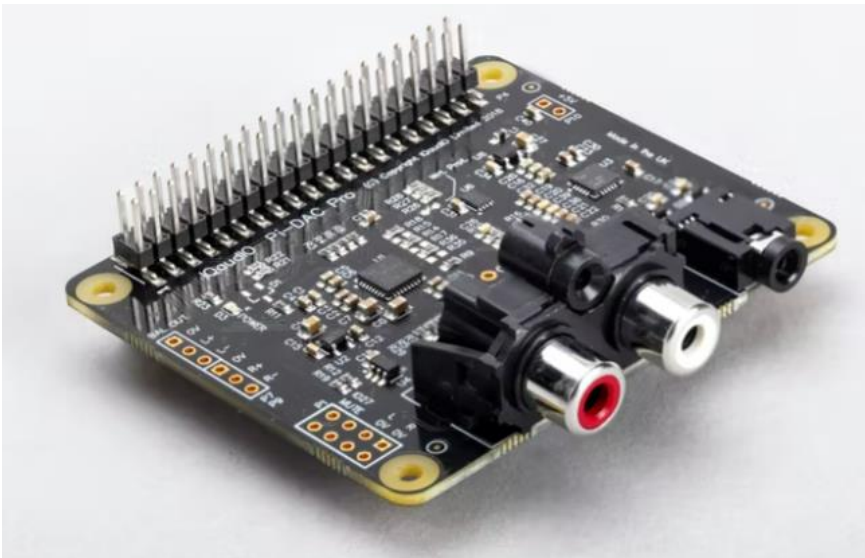
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IQaudio DAC Pro

IQaudio DAC Pro is our highest-fidelity audio output HAT. It uses the Texas Instruments PCM5242 DAC to deliver outstanding signal-to-noise ratio performance from a Raspberry Pi 1 Model B+, 2, 3, and 4, and supports balanced/differential output in parallel to phono/RCA line level output. It also includes a dedicated headphone amplifier.



Getting started

IQaudio DAC Pro connects to the 40-pin GPIO header of Raspberry Pi 1 Model B+, Raspberry Pi 2, Raspberry Pi 3, or Raspberry Pi 4 with no need for soldering or external power.

DAC Pro exposes two 3-pin headers (P7/P9) used by the optional XLR board to provide differential/balanced output exposed by XLR sockets above Raspberry Pi's USB/Ethernet ports.

P1: Analogue out (0-2V RMS). Carries GPIO27, MUTE signal (headphone detect), left and right audio, and left and right ground.

P6: Headphone socket signals. Pin 1: LEFT, pin 2: GROUND, pin 3: RIGHT, pin 4: GROUND, pin 5: DETECT

P7/9: Differential output (0-4V RMS). P7: LEFT, P9: RIGHT.

P10: Alternative 5V input, powering the Raspberry Pi in parallel.