Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
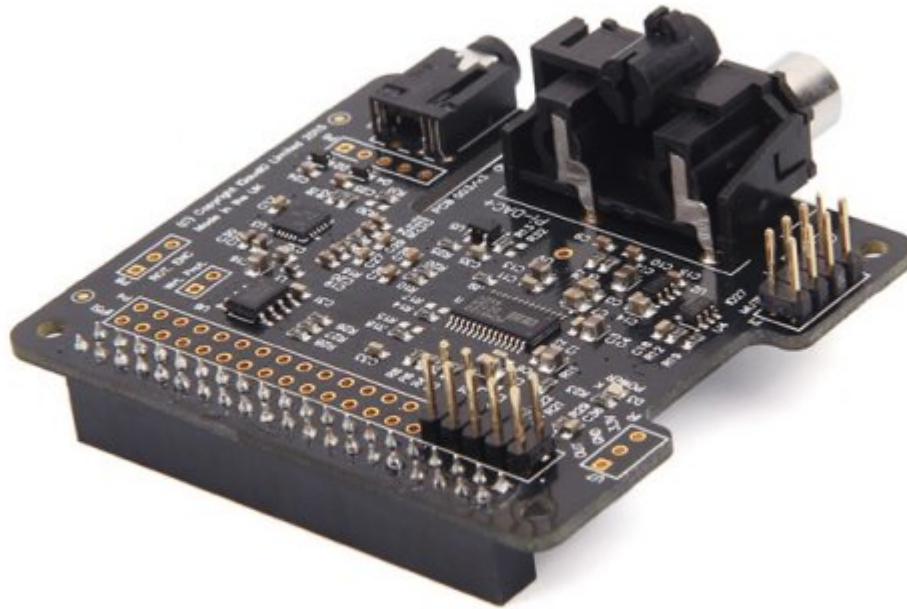
Contact us

(images/114990223 1_02.jpg)
Pi-DAC+ Full-HD audio card
SKU: 114990223

Description

Introduction:

The IQaudIO Pi-DAC+ audio card for the Raspberry Pi delivers outstanding sonic performance and full-HDaudio capability with build-in hardware volume control. The Pi-DAC+ also includes a high quality audiophile headphone amp. The Pi-DAC+ is a fully compliant Raspberry Pi HAT (A+/B+/2) board with configuration EEPROM and both camera and screen PCB cut outs. It

uses the Raspberry Pi's I2S digital audio signals delivering much lower CPU usage vs. USB audio cards. No soldering is required.

Please note : The Pi-DAC+ is compatible with the Raspberry Pi model A+, model B+ and the recently announced Raspberry Pi 2
The IQaudIO Pi-DAC+ is a fully built and tested Raspberry Pi HAT, designed and made in the UK.

Output from the Pi-DAC+ is by industry standard Phono connectors (variable to 2v RMS) allowing easy connection to your existing Hi-Fi or sound system, headphone connection is by standard 3.5mm jack socket.

The Pi-DAC+ also provides access to the majority of the Raspberry Pi I/O signals allowing flexibility to your project and easy connection to our other IQaudIO products. This allows for additional peripherals (buttons, LEDs, LCDs, rotary encoders, IR sensors or similar) to be added.

Audio pin headers are also included to connect to the Full-HD 2x20w Class D Pi-AMP+.

Use raw Linux, Volumio, RuneAudio, SqueezePlug, PiCorePlayer, PiMusicBox, AirplaySync, MDP or similar and listen to internet radio, your own digital music library, or streaming music services such as Spotify – all in magnificent audio quality. The IQaudIO Pi-DAC+ easily supports 24-bit / 192kHz file formats but is equally at home with lower quality MP3s bringing your music alive sonically

Features:

- Raspberry Pi HAT (A+/B+/2) compliant accessory; EEPROM, mounting holes, WITH camera & screen flat flex cut outs
- Full-HD audio – up to 24-bit/192kHz playback
- Integrated hardware volume control (via ALSA), full 2v RMS
- Built in High quality audio headphone amplifier (TI TPA6133A)
- Class leading audio; 112db SNR, and -93db THD
- Audiophile TI Burr Brown 32-bit/384kHz DAC (TI PCM5122)
- Advanced ESD protection
- Uses the digital I2S audio signals to reduce CPU load over USB audio solutions
- Raspberry Pi powered, no external power requirements
- Industry standard audio quality Phono/RCA connectors
- Built in IR header to take optional Vishay TSOP4838
- Fully built and tested Raspberry Pi accessory (Additional I/O pin headers are user soldered)
- Designed and manufactured in the UK

For any technical support or suggestion, please kindly go to our forum.
(http://www.seeedstudio.com/forum/viewforum.php?
f=65&sid=0e17b512153a5f3d553b60bf8e80765d)

Overview

Designer: Iqaudio (http://iqaudio.co.uk/)
Other Products From This Designer (http://www.seeedstudio.com/depot/Iqaudio-m-125.html?
ref=pinfo)
Weight: 43 g