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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Pi-DigiAMP+

IQA002

The IQaudIO Pi-DigiAMP+. The First HAT compliant Full-HD (192/24) HiFi quality DAC & 2x20w Class D AMP for the Raspberry Pi.

Turn your Raspberry Pi into a standalone Hi-Fi system, use as the basis of a retro radio restoration, build a boom box, an in-car audio player or use as the basis of a kiosk / display solution.

NO SOLDERING REQUIRED, simply "FIT AND ENJOY."

Designed to deliver the best audio performance from the Raspberry Pi 3/2/A+/B+, fit within the Pi's form factor and provide additional access to several of the Pi's 40way I/O signals allowing easy addition of IR sensors, Rotary Encoder or i2c devices (such as OLED screens) etc.

Using the latest Texas Instruments chipset (TAS5756m) to deliver awesome performance from a single HAT board. You can be assured that the Linux driver support is already built-in to Raspbian Linux (using the same device drivers as the Pi-DAC+) and supported by the many software audio packages already on the market. RuneAudio / Volumio / Moode / PiCorePlayer / PiMusicBox / OpenELEC and others. The IQaudIO Pi-DigiAMP+ easily supports 24-bit / 192kHz file formats but is equally at home with lower quality MP3s bringing your music alive sonically.

Please note that The Pi-DigiAMP+ uses GPIO22 as amp-mute and when powered on is in mute state, examples are in the user docs and many software releases already support the Pi-AMP+ in the same way.

The IQaudIO Pi-DigiAMP+ connects easily to the Raspberry Pi and provides up to 2 x 20W stereo output to speakers.

The Pi-DigiAMP+ requires an external power supply / brick, and when powered the Pi-DigiAMP+ provides power to your Raspberry Pi in parallel.

The IQaudIO Pi-DigiAMP+ Features:

- HAT compliant accessory; EEPROM, mounting holes
- Full-HD audio – up to 24-bit/192kHz playback
- 2x20w of crystal clear amplification
- No soldering required to your Raspberry Pi
- Integrated hardware volume control (via ALSA)
- Powers the Raspberry Pi from the Pi-DigiAMP+ power input
- Linux driver support already delivered within Raspbian
- AMP can be enabled / disabled via Raspberry Pi's GPIO22
- Advanced ESD protection
- Uses the digital I2S audio signals to reduce CPU load over USB audio solutions
- Fully built and tested Raspberry Pi accessory
- Designed and manufactured in the UK

The IQaudIO Pi-DigiAMP+ is suitable for the latest Raspbery Pi 3/2/A+/B+, it is not compatible with much older Raspberry Pi A and B Models.

For more information or to discuss your specific amplifier project requirements please get in touch.