New Product Announcement

Pimoroni Pirate Audio pHATS, Now Shipping from Mouser, Deliver Quality Digital Audio with LCD Interface

March 18, 2020 – Mouser Electronics, Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking the Pirate Audio accessories from Pimoroni. The audio pHAT boards deliver high-quality audio, playback control, and LCD screens in a fully assembled solution compatible with all Raspberry Pi models with a 40-pin GPIO header.

As an authorized distributor, Mouser Electronics is focused on the rapid introduction of new products and technologies, giving customers an edge and helping speed time to market. Over 800 semiconductor and electronic component manufacturers count on Mouser to help them introduce their products into the global marketplace. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each manufacturer.

The Pimoroni Pirate Audio accessories, available from Mouser Electronics, provide an easy-to-use audio solution with IPS LCD screens for album art and four tactile buttons for playback control. The boards ship with custom Pirate Audio software and a simple installer, enabling developers of all skill levels to easily set up and begin listening to streaming music or to local audio files in MP3, FLAC, or other formats.

The Pirate Audio product range includes a speaker board, stereo amplifier board, line-out board, and headphone amp board. The PIM485 Audio Speaker board is a compact, all-in-one sound system that features a miniature mono 1 W speaker, Maxim MAX98357A I²S digital-to-audio converter (DAC), amplifier, high-resolution display, and playback control buttons. For a little more power, the PIM484 3W Stereo Amp combines two MAX98357A DACs to provide 3 W output per channel. In addition to push-fit terminals for connecting external speakers, the board includes a switch for stereo/mixed-down mono modes.

The PIM483 Audio Line-Out board allows developers to upgrade existing hi-fi amps, speakers, and powered monitors with clean 24-bit/192 KHz digital audio. The board, based on a Texas Instruments PCM5100A DAC, delivers line-level digital audio over I²S and includes a 3.5mm stereo jack. The PIM482 Headphone Amp is based on a Diodes Inc. PAM8908 stereo headphone amplifier and TI PCM5100A DAC. The board integrates a 3.5 mm stereo jack and a low-gain/high-gain switch to create a hackable portable media player.

To learn more, visit https://www.mouser.com/new/pimoroni/pimoroni-pirate-audio-accessories/.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 800 manufacturers. Mouser offers 27 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Pimoroni

Pimoroni designs and manufactures friendly products for makers, educators and creatives. Supported by the Raspberry Pi community, as well as the wider maker community, Pimoroni is trying to bring electronics to a larger audience by making tech treasure for tinkerers. The company is on a mission to make electronics accessible and attractive, and spread knowledge, fun, and ideas.

Trademarks

Mouser and Mouser Electronics are registered trademarks of Mouser Electronics, Inc. All other products, logos, and company names mentioned herein may be trademarks of their respective owners.

– 30 –

Further information, contact:
Kevin Hess, Mouser Electronics
Senior Vice President of Marketing
(817) 804-3833
Kevin.Hess@mouser.com

For press inquiries, contact:
Kelly DeGarmo, Mouser Electronics
Manager, Corporate Communications and Media Relations
(817) 804-7764
Kelly.DeGarmo@mouser.com