



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



## Picade PCB - Arduino Compatible with 3W Amp

PIM110



This is an Arduino-compatible board with integrated 3W stereo amplifier designed for use in arcade projects (like our Picade).

It behaves like a keyboard when plugged in via USB and has a default key-mapping (though you can reprogram it using the Arduino IDE). Connections are made using screw terminals for a solid, permanent installation.

It uses the same micro-controller as the Arduino Leonardo (the ATmega32U4) and is pre-installed with the Arduino bootloader and our software.

Features:

- Powered by an ATmega32U4 (32KB, 2.5K RAM @ 16MHz)
- 6-pin ISP header for direct programming (also pre-loaded with Arduino bootloader)
- Includes a stereo 3W amplifier (PAM8407) for use with 4Ω speakers
- Appears as a USB HID device (keyboard) to the host
- Screw terminal contacts for four-direction Joystick, 12 buttons, and two speakers
- Reset button
- Mounting holes
- Power, Bootload, TX, and RX LED indicators