



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



Amp:bit class D amplifier for micro:bit with headphone jack /PPMB00130



The Amp:bit is the easiest way to connect a speaker or headphones to your micro:bit.

The Amp:bit plugs on to the edge of your micro:bit and gives you the option of plugging headphones or speakers into the provided headphone jack, or you can solder speaker wires directly to the provided pads.

If you have a speaker connected to the speaker pads, the speakers will automatically mute when something is plugged in to the headphone socket. You also get a volume control wheel so you can adjust the volume whenever you like.

The Amp:bit also works great with the 1up:bit game controller!

Example code:

- MicroPython example code - using an encoded WAV sample
<https://www.proto-pic.co.uk/user/AudioSample.zip>
- Code for use with 1up:bit
<https://www.proto-pic.co.uk/user/1upbitdemo.zip>

Headphones, screw terminal, and speaker not included.