



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





AAE001 (Marlin)

Evaluation board provides a quick and easy way to evaluate and develop for the AMW004-A01 Hornet through-hole version of the AMW004 Wallaby module.



The AAE001 'Marlin' evaluation board provides a quick and easy way to evaluate and develop using WiConnect on the through-hole versions of ACKme modules. Using the through-hole variants is a breeze with Marlin, simply plug the board into a computer using a standard USB cable, connect with a PC terminal application and start typing.

In the case of Wi-Fi, the WiConnect application running on the Hornet module adapter provides basic ASCII commands to read the state of the buttons and turn the LEDs on and off. For a more compelling demo, connect the board to your Wi-Fi access point, signup at goHACK.me and control the board from across the room, or from the other side of the planet!

The AAE001 comes in two configurations:

AAE001

Bare bones, does not come with a radio module adapter fitted

AMW004-E02

Comes complete with the AMW004-A01 Hornet module adapter (Wi-Fi)

FEATURES

- Pluggable footprint compatible with ACKme Hornet module adapter
- USB-UART interface for a direct serial connection to the AMW004 Wi-Fi module
- Separate LEDs indicate data on UART transmit/receive
- Sensor interface including two buttons and two LEDs
- Manual reset switch
- Breakout headers and ground hooks for easy prototyping
- Powered by USB interface

Adapter footprint

20-pin adapter compatible with ACKme through-hole modules

USB UART

Up to 3 Mbit/s with hardware flow control (optional)

Sensor interface

2 x push buttons, 2 x LEDs

Breakout header

2x10-pin header (connects to every pin on the Hornet adapter)

Power supply

+5V from USB (500mA max.)

Operating Temperature

0 – 70°C