



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

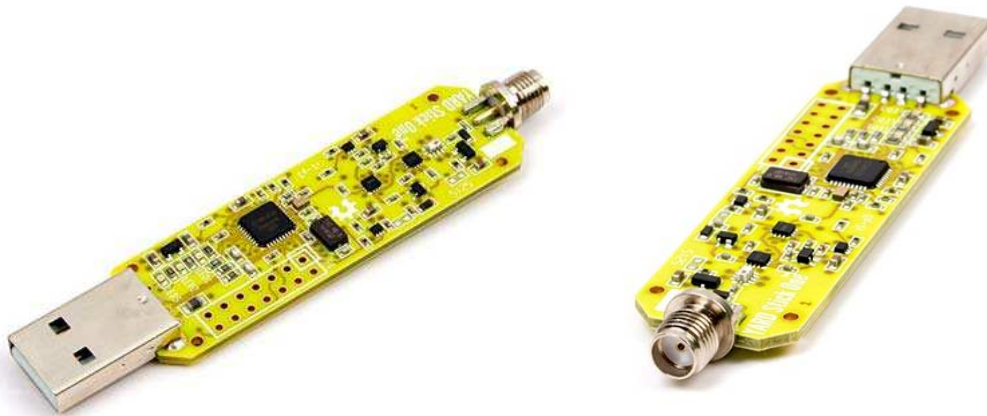
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



YARD Stick One

SKU 109990246



Description

YARD Stick One (Yet Another Radio Dongle) can transmit or receive digital wireless signals at frequencies below 1 GHz. It uses the same radio circuit as the popular [IM-Me](#). The radio functions that are possible by customizing IM-Me firmware are now at your fingertips when you attach YARD Stick One to a computer via USB.

YARD Stick One comes with [RfCat](#) firmware installed, courtesy of [atlas](#). RfCat allows you to control the wireless transceiver from an interactive Python shell or your own program running on your computer. YARD Stick One also has [CC Bootloader](#) installed, so you can upgrade RfCat or install your own firmware without any additional programming hardware. An antenna is not included. [ANT500](#) is recommended as a starter antenna for YARD Stick One.

Capabilities

- half-duplex transmit and receive
- official operating frequencies: 300-348 MHz, 391-464 MHz, and 782-928 MHz
- unofficial operating frequencies: 281-361 MHz, 378-481 MHz, and 749-962 MHz
- modulations: ASK, OOK, GFSK, 2-FSK, 4-FSK, MSK
- data rates up to 500 kbps
- Full-Speed USB 2.0

(Official operating frequencies are guaranteed to work. Unofficial operating frequencies work in our experience.)

YARD Stick One has several featured not previously seen in CC1111 platforms:

- SMA connector for external antennas such as ANT500
- receive amplifier for improved sensitivity
- transmit amplifier for higher output power
- strong RF performance across the entire operating frequency range
- low pass filter for elimination of harmonics when operating in the 800 and 900 MHz bands
- antenna port power control for compatibility with antenna port accessories designed for HackRF One

Part List:

1 x YARD Stick One

