



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





Pimoroni Unicorn HAT

DEV-14037



Description: The Pimoroni Unicorn HAT is a “shield” for the Raspberry Pi that sports a matrix of 64 (8x8) addressable RGB LEDs that are powered directly from the Pi. The Unicorn HAT provides a wash of controllable color that is ideal for mood lighting, 8x8 pixel art, persistence of vision effects, status indications, or just blasting color into your surroundings.

Each Pimoroni Unicorn Hat easily snaps on top of a Raspberry Pi equipped with a 40-pin (2x20) GPIO. Pimoroni has created a GitHub repository bundling the Unicorn Hat software with a set of examples to get you started in an easy-to-use Python module, so all you have to worry about is setting the color you want each pixel to be.

Features:

- 64 RGB LEDs (WS2812B)
- Python API
- Compatible with Raspberry Pi 3, 2, B+, and A+
- EEPROM with Raspberry Pi HAT configuration details
- LED data driven via DMA over PWM