Chipsmall

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!

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Pimoroni Display-O-Tron HAT

DEV-14040

Description: The Pimoroni Display-O-Tron HAT is a "shield" for the Raspberry Pi that provides you with a 16x3 character LCD, as well as a full ASCII character set that lets you define eight of your own custom characters for special icons, graphs or decoration for your Pi. This HAT has been equipped with multiple capacitive touch pads, a six-zone RGB backlight and GPIO breakout pins.

Apart from the large black-on-white LCD screen (with dazzling six-zone RGB backlight) and six capacitive touch navigation buttons, the Display-O-Tron features a six-element LED bar graph, which is ideal for monitoring changing statistics such as CPU load or memory usage.

Each Pimoroni Display-O-Tron HAT easily snaps on top of a Raspberry Pi equipped with a 40-pin (2x20) GPIO. Pimoroni has created a GitHub repository bundling the Display-O-Tron software with a set of examples to get you started in an easy-to-use Python module right away.

Features:

  Fully assembled (apart from optional GPIO header)
  Super slim 16x3 character LCD display
  Six capacitive touch input buttons
  Eight LED bar graph
  Six-zone RGB backlight with diffuser
  GPIO breakout for 5V, 3V3, GND, SDA/SCL, TX/RX, PWM, MOSI/MISO/SCLK/CE1, and GPIO #5, #6, #13, #19, #26
  Full ASCII set plus eight custom characters