



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

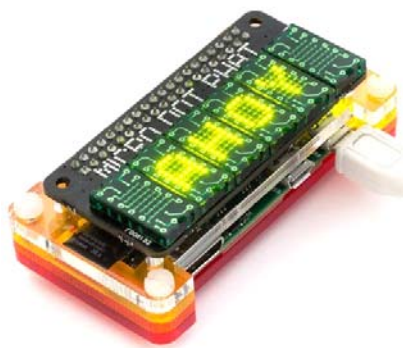
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Micro Dot pHAT



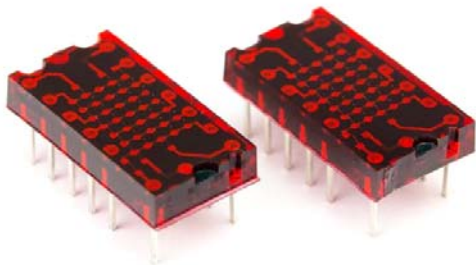
Full kit - Green PIM187



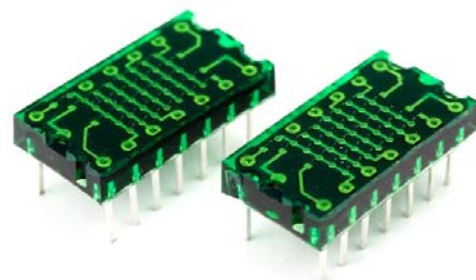
Full kit - Red PIM186



pHAT only PIM182



Red LED matrix (pair) COM0509



Green LED matrix (pair) COM0510

An unashamedly old school LED matrix display board, made up of six LED matrices each 5x7 pixels (for an effective display area of 30x7) plus a decimal point, using the beautiful little Lite-On LTP-305 matrices.

Use between 1 and 6 matrices in your choice of green and/or red. Perfect for building a retro scrolling message display, a tiny 30-band spectrum analyser, or a retro clock.

Micro Dot pHAT also works well with our other pHATs and HATs. You could use it in combination with pHAT DAC to display the audio spectrum, or with Enviro pHAT to display its temperature, pressure and light readings.

The MagPi said that Micro Dot pHAT was "*certainly a cut above the standard seven-segment alternative*" in their four star review.

Available either as a bare pHAT or as a kit with 6 red or green LED modules (you'll need to solder them yourself)

Features

- 3x IS31FL3730 LED matrix driver chips
- Drives up to 6x LTP-305 green and/or red LED matrices
- Up to 30x7 pixels (5x7 per matrix plus a decimal point)
- Compatible with Raspberry Pi 3, 2, B+, A+, Zero, and Zero W
- Python library
- **Female header and display require soldering**

Software

We've put together a comprehensive Python library to make using Micro Dot pHAT really simple, as well as a guide to assembling it, and a getting started guide to show you how to install and use the Python library.