Micro Dot pHAT
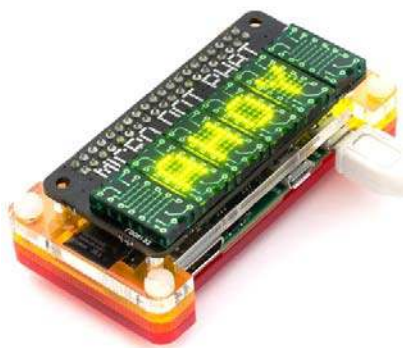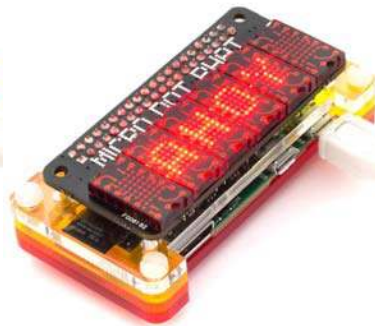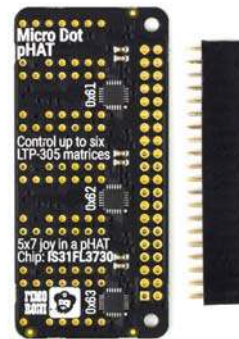
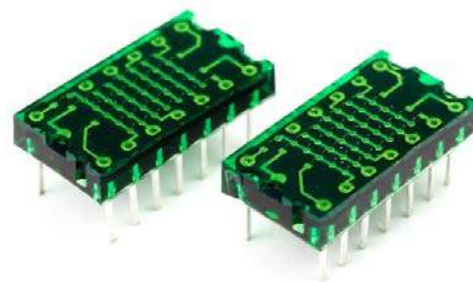Full kit - Green PIM187   Full kit -Red PIM186   pHAT only PIM182

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.