



MiniPOV 4 Kit - DIY Full-Color POV and Light Painting Kit - v4.0

PRODUCT ID: 1776

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[DESCRIPTION](#)[TECHNICAL DETAILS](#)

DESCRIPTION

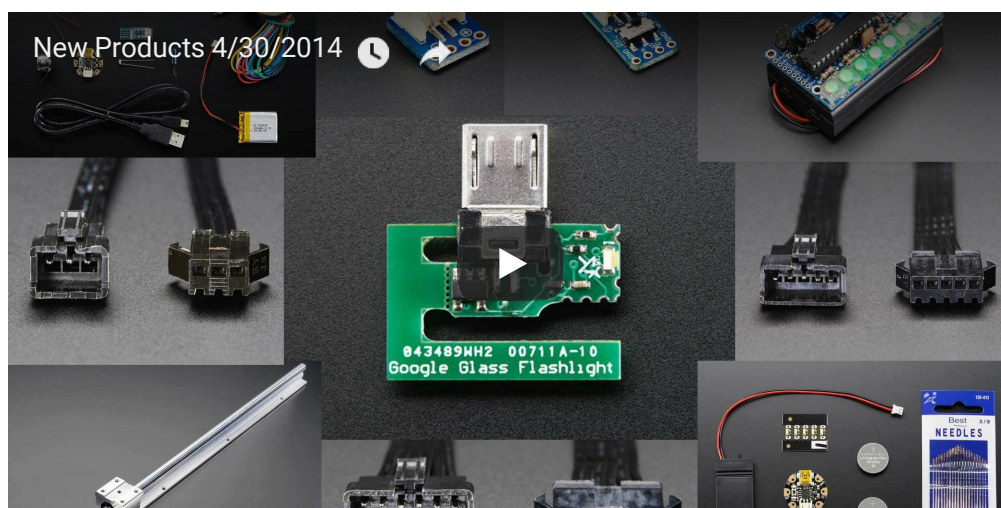
The latest and greatest MiniPOV kit to hit the streets - MiniPOV4! We have added full color RGB LEDs to the kit as well USB programmability to make this the easiest, most fun Persistence-of-

Learn to solder by building this easy kit. About 30 components are soldered onto the custom PCB using a soldering iron, solder and some basic hand tools such as diagonal cutters and wire strippers. Learn as you go, starting with the easier parts and working your way up to the more challenging ones. Takes about an hour or two to complete following our detailed tutorial, depending on your previous soldering experience.

Once finished, you'll have a little battery-powered light painting kit! Insert three AAA batteries (not included, [pick some up here](#) or use any you have lying around the house) and wave around to create light trails. The way our eyes work, as the LEDs move we see the image as if it were floating in the air. You can also use a camera with a medium-long exposure to create a light painting as shown above.

Design your own 8-pixel tall images in any drawing program and import them into our software to upload your own custom designs. Simply plug into your computer's USB port and run our Processing sketch - it works on any Windows or Mac computer! (We're still testing Linux support, coming soon!)

Each order comes as a kit of parts. Some soldering and tools are required to put together but its a nice learning-to-solder kit and with patience and a couple of hours can be assembled by any beginner. [Check out our very detailed tutorial with full color images and all downloads for all information.](#)



TECHNICAL DETAILS

Details:

- Dimensions (PCB only): 64mm x 38mm x 1.6mm (2.5" x 1.5" x 0.06")
- Dimensions (assembled): 70mm x 39mm x 30mm (2.8" x 1.5" x 1.2")
- Assembled Weight (w/o AAA batteries): 43g

[EagleCAD PCB files and other downloads available in the product tutorial](#)



LEARN



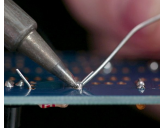
[MiniPOV4 - DIY Full-Color Persistence of Vision & Light-Painting Kit](#)

A mini, full-color persistence-of-vision kit



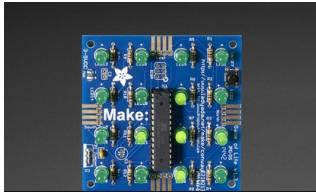
[Wearable miniPOV4](#)

3D Print a flexible armband for miniPOV4

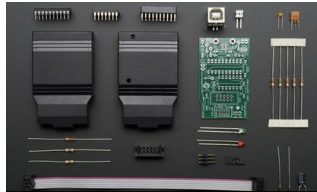


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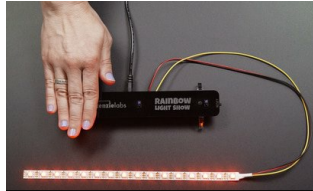
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the universe, think in terms of
energy, frequency and vibration" -
Nikola Tesla*



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