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Pimoroni Explorer HAT Pro
◉ DEV-14039 ROHS✔

DESCRIPTION   **FEATURES**   DOCUMENTS

- Four buffered 5V tolerant inputs
- Four powered 5V outputs (up to 500mA!)
- Four capacitive touch pads
- Four capacitive crocodile clip pads
- Four 4-colored LEDs
- Four analog inputs
- Two H-bridge motor drivers
- A heap of useful (unprotected) 3v3 goodies from the GPIO
- A mini breadboard on top!

Tags

BREADBOARD   CAPACITIVE   DEVELOPMENT   EXPLORER HAT PRO   GPIO
PIMORONI   PROTOTYPING   RASPBERRY PI   SHIELD

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Pimoroni Explorer HAT Pro Product Help and Resources

VIDEOS   SUPPORT TIPS   SKILLS NEEDED

SparkFun 11-11-16 Product Showcase:
PUBLISHED ON NOVEMBER 11, 2016

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🐾 **CF** / about a year ago / ⭐ 1 / ✎

———————— **Tech Support Tips/Troubleshooting/Common Issues** ————————

GPIO pins on the Pimoroni Explorer HAT Pro work differently than on an Arduino

GPIO outputs on the Pimoroni Explorer HAT Pro go to ground when active so if you're connecting a LED or other device to them, connect the positive leg of your device to +5 or +3.3 volts and the negative end to whichever output you choose. When that output is active, it gets connected to ground, completing a circuit.

Sembazuru / about a year ago / ★ 1

Error in your specs above, What you have as "Eight 4-colored LEDs" should be "Four coloured LEDs (red, green, blue, and yellow)".

PickledDog / about a year ago / ★ 1

It has crocodile clip pads! So much better than alligator clip pads.

START SOMETHING.

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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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