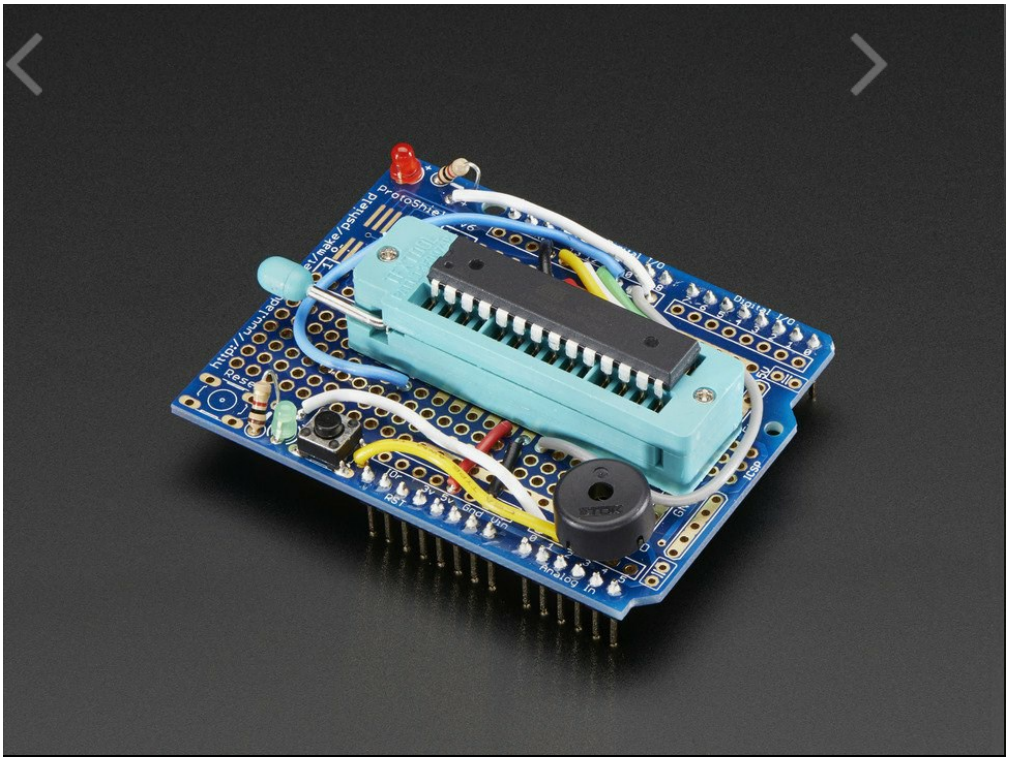
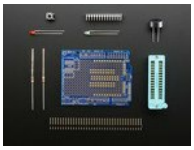










Standalone AVR ISP Programmer Shield Kit - includes blank chip!

PRODUCT ID: 462

28 IN STOCK

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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

This shield kit pack will allow you to turn any Arduino into an AVR chip burner! It is specifically designed for people who want to program Atmega328P's to turn them into Arduino bootloader chips using an AVR-ISP sketch, but it can also be used to make a 'standalone' AVR ISP programmer - so that you can program blank chips **without** a computer! We use this set up in the shop to program chips for our kits. **We even include a blank ATmega328P DIP chip** so you can get to programming immediately!

If you want to program Arduino bootloaders onto chips, using the IDE, check out our simple tutorial which shows how to solder up the kit and the sketch for bootloading
If you want to create a stand-alone AVR ISP programmer, we have a tutorial for that as well
Note that this is a little more challenging to set up than the first tutorial above, because you'll need to paste in the HEX file, and set up the standalone programmer for your specific code. It's

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best used by advanced microcontroller geeks who are comfortable with looking up fuse settings!

Comes with:

- Adafruit Proto Shield for Arduino Kit
- 28 pin, 0.3" ZIF socket
- Piezo beeper
- **Blank ATmega328P chip** - ready for you to mess around with, program, and reprogram!

You'll also need some solid core wire for the connections, soldering tools and basic hand tools. An Arduino is not included, you'll need one to plug the shield into, and a USB cable to program it as well.

TECHNICAL DETAILS



"We are the music makers, And we are the dreamers of dreams" - Arthur O'Shaughnessy

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