

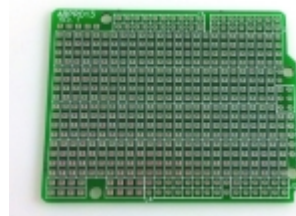


Technological Arts Inc.

Technological Arts

Arduino-compatible Prototyping Shield 13

USD \$3.00



Click on the image to view gallery.

Description

- this is a next generation design, compatible with Rev. 3 Arduino/Leonardo, EsduinoXtreme, and Kinetis Freedom
- brings out the extra pins added to Arduino Rev. 3 and Leonardo, plus the 6-pin SPI header
- dual-row header design compatible with the Kinetis Freedom boards made by Freescale
- vertical strips of 4 connected pads on a 0.1" grid for easy soldering of standard DIP packages and other components
- accepts narrow and wide DIP packages
- double-sided board with plated-through holes
- single-row header footprints provided for use with ArduinoR3, Leonardo, EsduinoXtreme, and some Kinetis Freedom boards
- dual-row header footprints provided for use with some Kinetis Freedom boards

How To Use

Print out the [actual-size layout pattern included in the datasheet PDF](#) as a template to plan your component layout and wiring. Then solder the components in place, and use ordinary wire-wrap wire (i.e. Kynar AWG30 wire) to make the interconnections. Component pins will have three extra pads associated with them, making

it easy to make multiple connections to one signal (e.g. a capacitor lead, a resistor lead, and the lead of a crystal). Arduino and EsduinoXtreme signals appear on the outer rows of header pads, while the additional signals available on certain Kinetis Freedom boards appear on the inner rows. Access the signals you need by soldering one end of your point-to-point wiring to the designated pin. If you're using stackable headers, you'll have to solder to the header pins on the bottom. To accomplish point-to-point wiring, just cut wires to length, strip a little insulation off the ends, and solder directly to the desired pads on the bottom of the board. Wiring can be routed on the top of the board or the bottom-- or both! Many a high-density prototype has been reliably and efficiently constructed using this approach.

[Vendor Information](#)

Customer Reviews: There are no reviews yet for this product.
Please log in to write a review.