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Flip-Pin (20-pins)
COM-14087 ROHS ✔
★★★☆☆ 1

DESCRIPTION   DOCUMENTS

Flip-Pins are a fantastic new way to add headers to your breakout board. Designed by Fliptronics, Flip-Pins are the third generation of the Integrated Circuit (IC) pins that can be soldered into a PCB and that look and act as much like an IC pin as possible. With the unique plastic aligner, the pins are held 0.100" apart, with a 0.062" solder tail exposed.

Each of the 20 pins comes in a black plastic sleeve, to keep them aligned while soldering. Once soldered, the sleeve gets removed, and you are left with headers that can easily fit into a breadboard or IC socket with the greatest of ease. If you don't need all 20 pins, that's fine! Simply cut the plastic sleeve down to the number of pins needed. If you need more, we also offer 8-pin and 14-pin lengths, and these can easily be doubled up for even longer lengths.

A significant feature of Flip-Pins is that their width (0.020") is the same as traditional Dual-Inline-Package (DIP) IC pins, and so Flip-Pins are directly compatible with standard breadboards. Many people use header pins, which are square, to connect their PCBs to breadboards and are unaware that header pins damage the breadboard because they are wider than standard DIP pins.

Note: After soldering, the Flip-Pin will be near flush with the upper side of the PCB. Don't worry; this is normal and is the desired effect.

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Tags

20-PIN   BREADBOARD   COMPONENT   CONNECTOR   FLIP PIN   FLIP-PIN
HEADER   IC   IC SOCKET   PROTOTYPING

Flip-Pin (20-pins) Product Help and Resources

TUTORIALS   SKILLS NEEDED

SSOP-16 to DIP Adapter Hookup Guide
JANUARY 5, 2017

Using the SSOP-16 to DIP adapter board.

COMMENTS 0   **REVIEWS** ★★★☆☆ 1

Customer Reviews

★★★☆☆ 3 out of 5

Based on 1 ratings:

5 star		0
4 star		0
3 star		1
2 star		0
1 star		0

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1 of 1 found this helpful:

★★★☆☆ **Tricky to solder**

last year by dalem50   ✔ verified purchaser

Even for me, or probably anyone else who has a decent amount of soldering experience, these pins can easily have too much solder applied to them. As I was feeding the solder I was waiting for a concave cone to form, like a usual solder joint, and then I realized that the solder was just wetting and traveling down the pins, rendering them useless. I wish there was a warning somewhere on the product page that informed possible customers of this possible issue. Hopefully this review allows other to learn from my mistake so they don't do the same. :P

And for the price…. eh, a bit too expensive for what they are, it'd be more reasonable for the pins to be cheaper.

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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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