

 £32.00

Flick Quick Start and FAQ

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Francesco Vannini

Getting started

The Flick boards are an add on boards for the Raspberry Pi which bring 3D tracking and gesture board that lets you control your I2C enabled devices as if by magic!

Flick uses technology that enables the PCB to detect your gestures from up to 15cm away in 3D space.

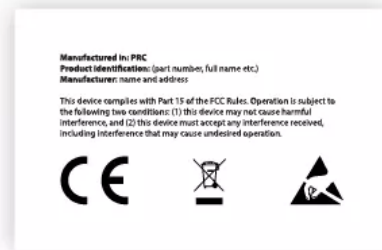
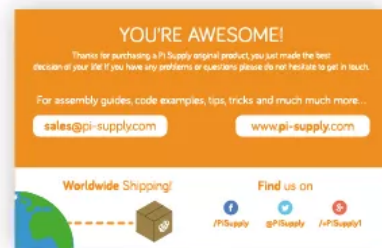
This guide will show you how to assemble the Flick boards, set them up in their cases and discuss some of the most common issues and questions.

Follow the link to the relevant board to get started:

- [Flick HAT](#)
- [Flick Zero](#)
- [Flick Large](#)

Flick HAT Board

Kit contents

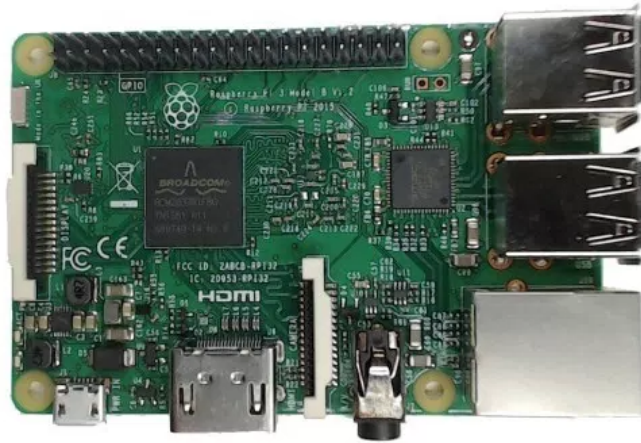


Inside the box you should have received the following items:

- 1 Flick HAT
- 8 Plastic bolts
- 4 Plastic spacers
- 3 Stickers
- 2 Info card

Board Assembly

Step 1 – Unpack your Raspberry Pi.



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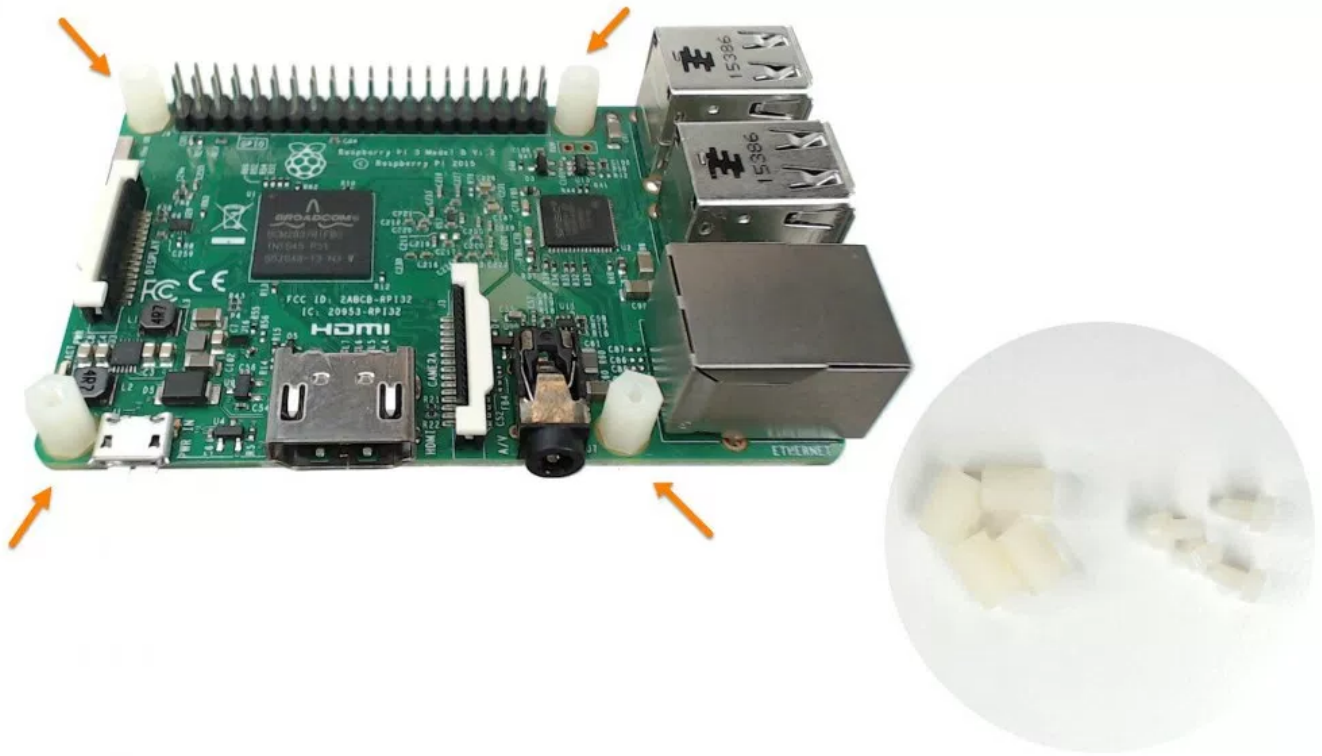
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Step 2 – Install the spacers on the Raspberry Pi as shown here holding them with 4 plastic bolts from underneath the Pi.

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The bolts should be screwed in with a PH0 screwdriver.



f **tep 3** – Get the Flick HAT from its anti-static bag.



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Step 4 – Place the Flick HAT on top of the Raspberry Pi by gently pushing the female header onto the Raspberry Pi male header.



Step 5 – Screw the last 4 plastic bolts to hold the Flick HAT in place.



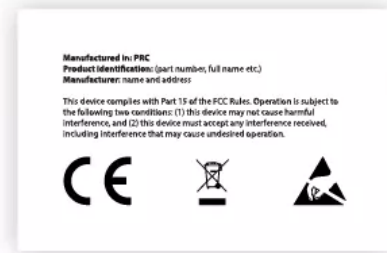
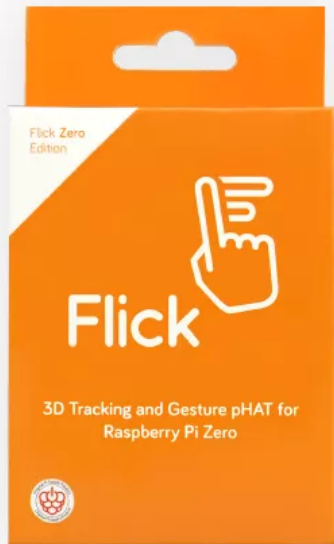
If you have acquired the Flick case for this product please skip to the next Section – Flick HAT Case assembly (Coming soon).



Flick Zero Board

Kit contents

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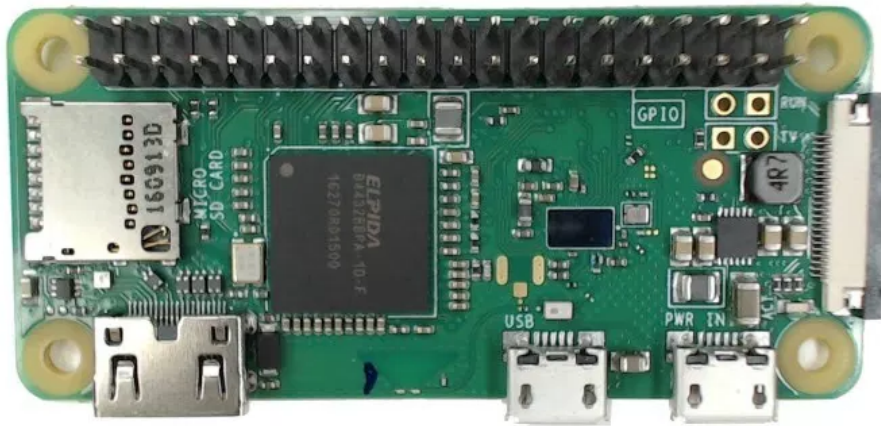
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Inside the box you should have received the following items:

- 1 Flick Zero
- 8 Plastic bolts
- 4 Plastic spacers
- 3 Stickers
- 2 Info card

[Board Assembly](#)

Step 1 – Unpack your Raspberry Pi.

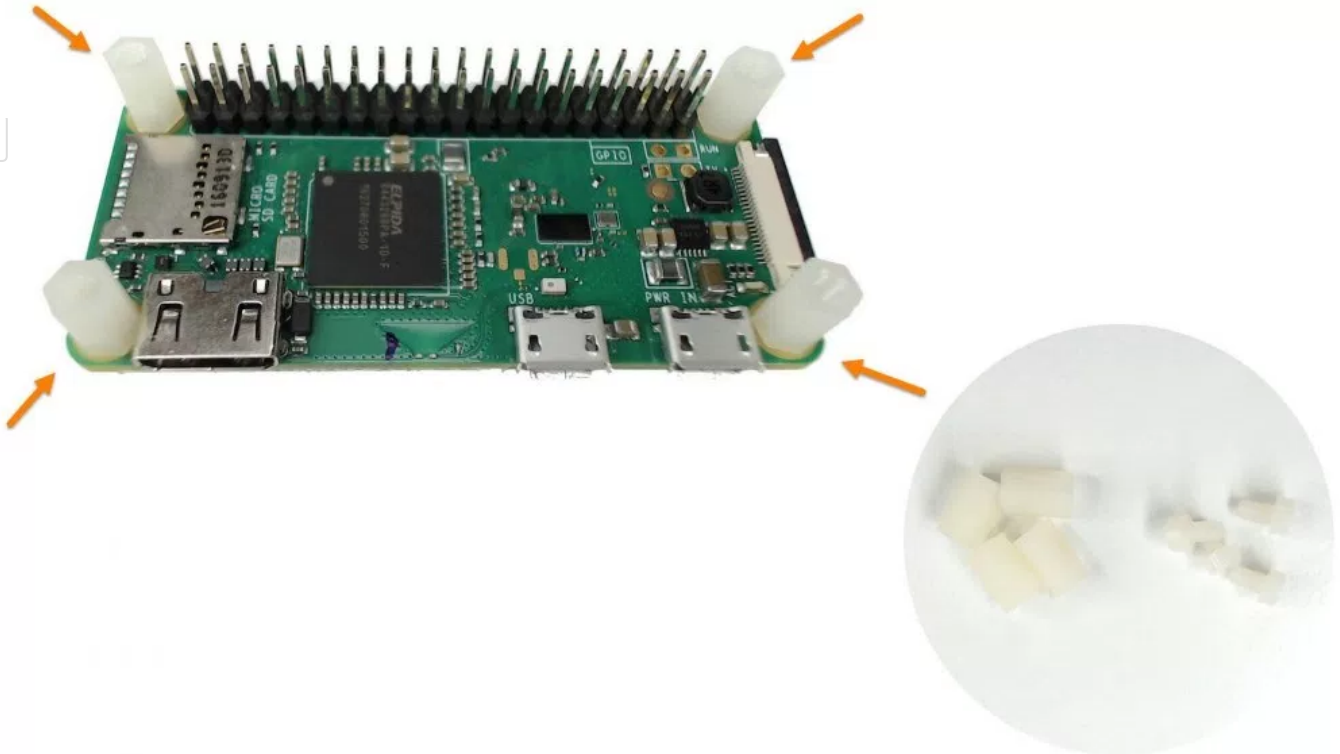


Step 2 – Install the spacers on the Raspberry Pi as shown here holding them with 4 plastic bolts from underneath the Pi.

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The bolts should be screwed in with a PH0 screwdriver.

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Step 3 – Get the Flick Zero from its anti-static bag.



Step 4 – Place the Flick Zero on top of the Raspberry Pi by gently pushing the female header onto the Raspberry Pi male header.



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Step 5 – Screw the last 4 plastic bolts to hold the Flick Zero in place.



If you have acquired the Flick Zero case for this product please skip to the next Section - Flick Zero Case.

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[Flick Large Board](#)

Kit contents

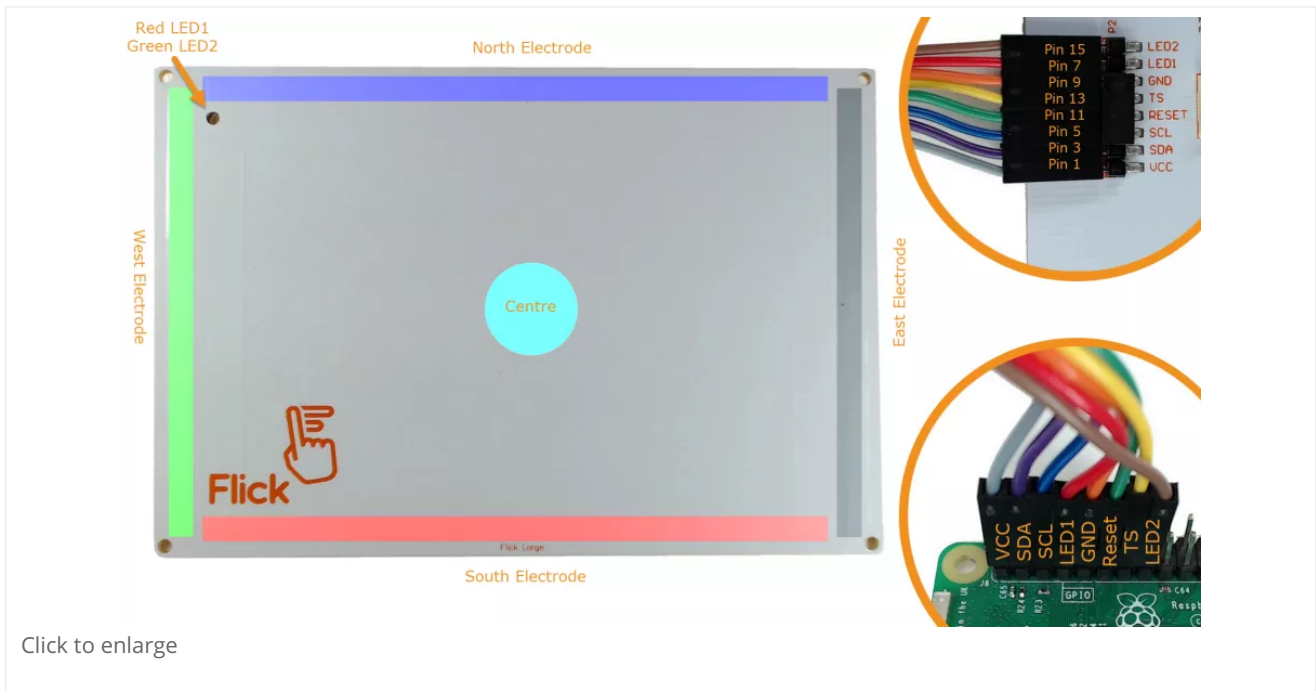


Inside the box you should have received the following items:

- 1 Flick large
- 1 Jumper cable female to female
- 1 Jumper cable female to male
- 3 Stickers
- 2 Info card

Board Assembly

Use the female to female jumper cable provided to connect the Flick large to the Raspberry Pi as shown in the picture.



f **FAQ**



g+ Which pins are used by Flick?



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Flick HAT

P1	3v3	1	2	3v3	3	4	5v
	SDA	5	6	SDL	7	8	
		9	10		11	12	
	Reset	13	14		15	16	
	TS	17	18		19	20	
		21	22		23	24	
		25	26		27	28	
		29	30		31	32	
		33	34		35	36	
		37	38		39	40	

Flick Zero

P1	3v3	1	2	3v3	3	4	5v
	SDA	5	6	SDL	7	8	
		9	10		11	12	
	Reset	13	14		15	16	
	TS	17	18		19	20	
		21	22		23	24	
		25	26		27	28	
		29	30		31	32	
		33	34		35	36	
		37	38		39	40	

Flick Large

P1/P2	LED2/Green	1	To Raspberry Pi
	LED1/Red	2	-> Pin15/GPIO22
	GND	3	-> Pin7/GPIO4
	I2C	4	-> Pin13/GPIO27
	Reset	5	-> Pin11/GPIO17
	I2C SCL	6	-> Pin5/GPIO3
	I2C SDA	7	-> Pin3/GPIO2
	3v3	8	-> Pin1

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