

BinaryBots Pi-Top Adapter



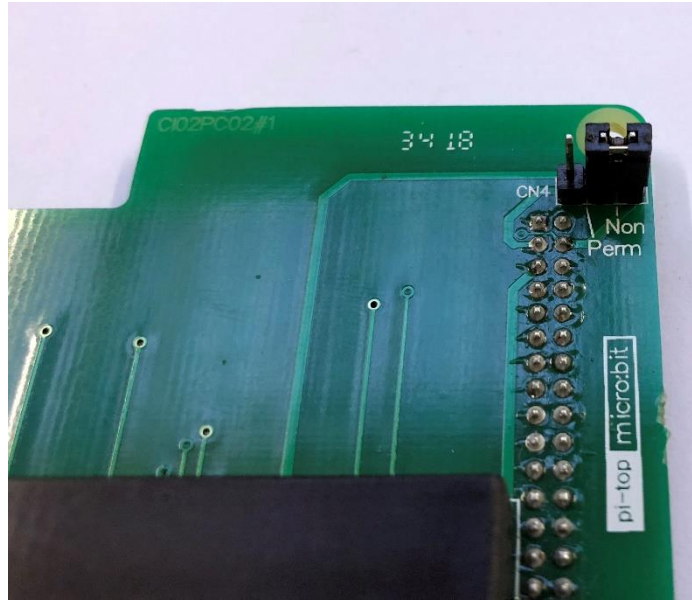
When using the Pi-Top adapter, you will need to code both the Raspberry Pi and the BBC micro:bit. The Raspberry Pi has to be programmed with Python, whereas the BBC micro:bit can be programmed with either Python or Microsoft Block Editor (PXT).

Pin layout:

micro:bit Pins	Raspberry Pi GPIO Pins	Raspberry Pi pin numbers according to diagram here	Pi-Top Pin
3V	3V3	1,17	Use Jumper pin
GND	GND	6,9,14,20,25,30,34,39	5
P0	GPIO17	11	12
P1	GPIO05	29	26
P2	GPIO26	37	32
P3	GPIO04	7	9
P4	GPIO27	13	14
P5	GPIO22	15	15
P6	GPIO23	16	16
P7	GPIO24	18	17
P8	GPIO14	8	10
P9	GPIO06	31	27
P10	GPIO13	33	29
P11	GPIO19	35	30
P12	GPIO15	10	11
P13	GPIO11	23	21
P14	GPIO09	21	19
P15	GPIO10	19	18
P16	GPIO08	24	22
P17 (3V)	3V3	1,17	Use Jumper pin
P18 (3V)	3V3	1,17	Use Jumper pin
P19	GPIO03	5	8
P20	GPIO02	3	7
P21 (GND)	Ground	6,9,14,20,25,30,34,39	5
P22 (GND)	Ground	6,9,14,20,25,30,34,39	5

The jumper Pins

When the jumper pin is in the position shown in the below picture, the micro:bit will only be powered when the pi-top is turned on.



When the jumper pin is in the position shown in the below picture, the micro:bit will be constantly powered on when the pi-top is connected to a power supply.

