

Resistive Touch Breakout for BBC micro:bit

www.kitronik.co.uk/5637



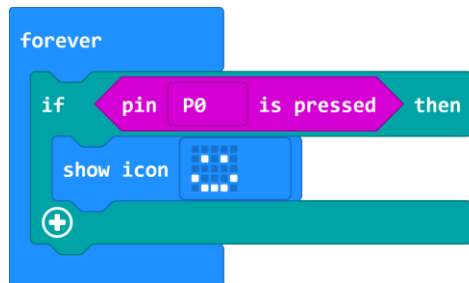
The Resistive Touch Breakout is designed to make the resistive touch capabilities of the BBC micro:bit much easier to access and use.

The board simply breaks out pins 0, 1 and 2 from the BBC micro:bit to circular pads, the other half of which is connected to GND. These pads are ideally sized for fingertips to make a connection across the particular pin and GND, thereby making the 'touched' connection.

The board can be connected to a BBC micro:bit by using jumper cables from the installed pin header to a breadboard, or by soldering wires across to a BBC micro:bit edge connector breakout.

Examples: For some starter ideas of how you could use the Resistive Touch Breakout board, go to: <http://www.kitronik.co.uk/5637>

Microsoft MakeCode: In order to make use of the touch breakout board in a project, either of the two pink blocks below needs to be used; checking whether a particular pin is 'pressed' in an 'if else' statement or a loop, or triggering an event using the 'on pin...pressed' block.



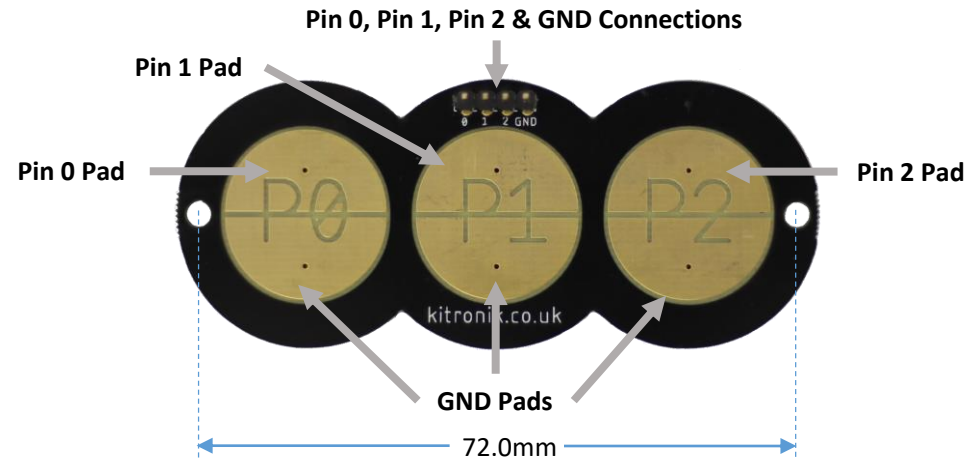
This example program forever checks to see whether Pin 0 has been touched. If it is, a smiling face will be displayed on the BBC micro:bit LEDs.



This example program has the same outcome as the example above, but this time checks for Pin 0 being touched and then using it as an event trigger with the 'on pin P0 pressed' block.

Board Layout & Dimensions:

Front View:



Rear View:

