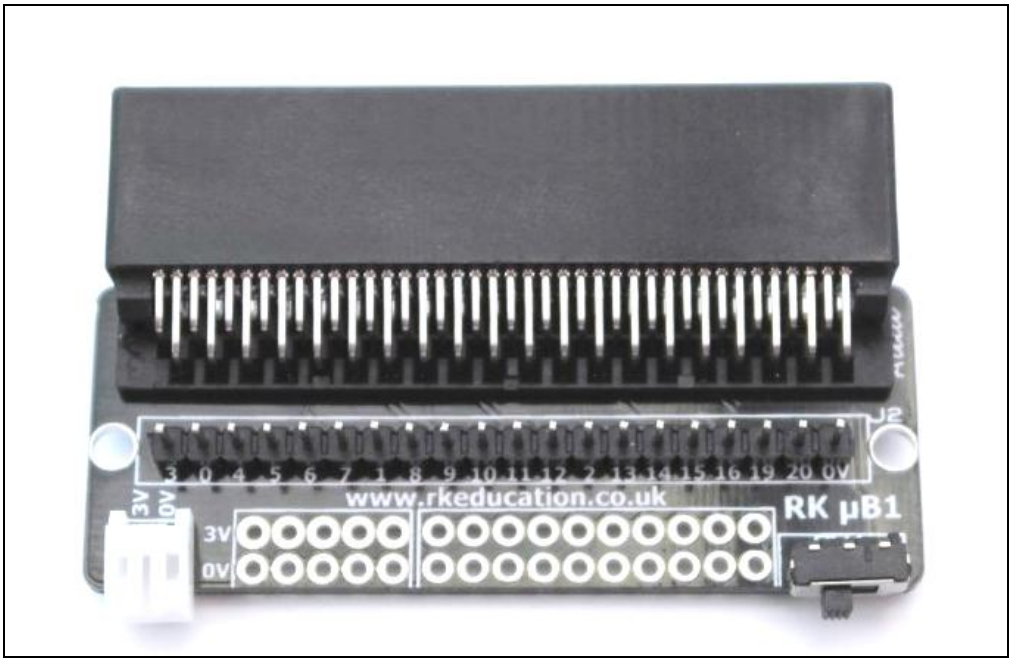
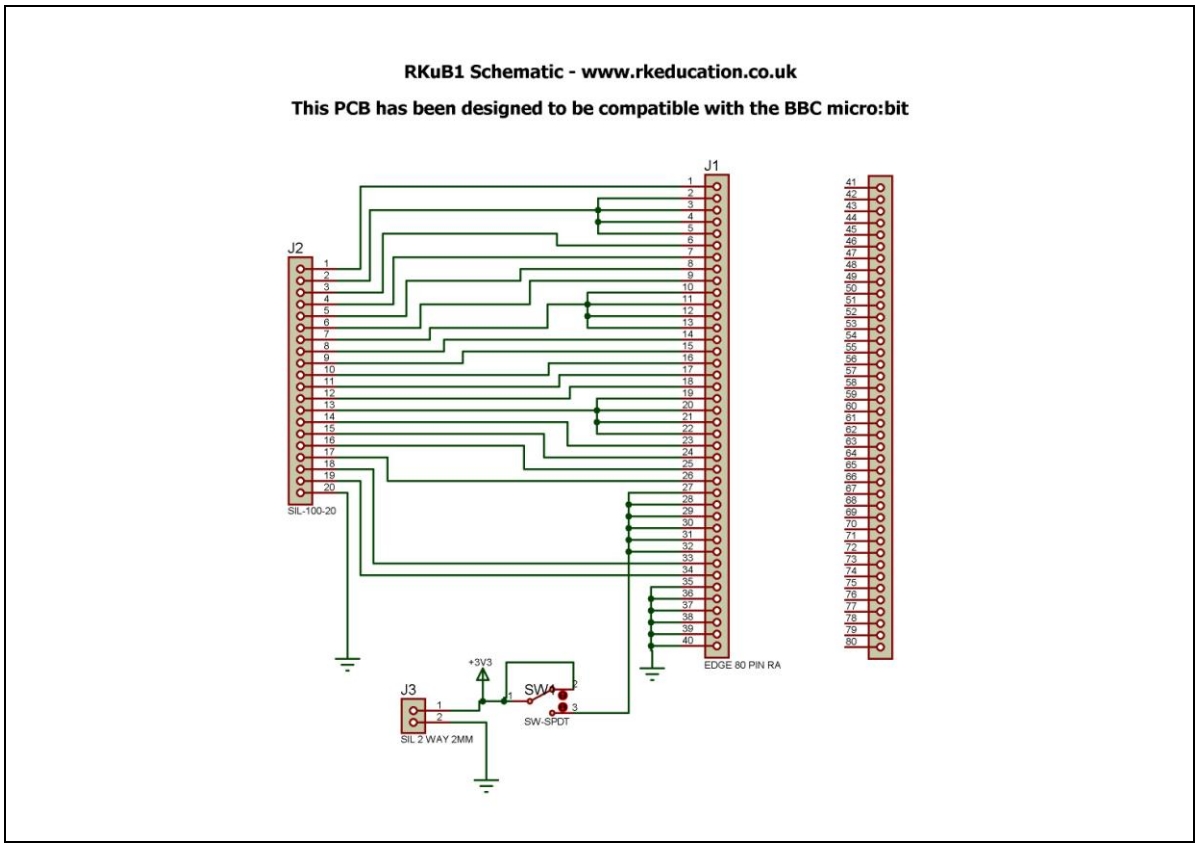
RKuB1 Component List and Instructions



Constructed PCB



Schematic Diagram

Description

The RKuB1 breakout PCB is a simple PCB and it has been designed to allow users to breakout the pins of their BBC micro:bit. The RKuB1 has a power switch and small prototyping area for extra flexibility.

Component List

RA 80 way conncetor
Ultra miniature slide switch
2 way right angle 2mm JST connector
20 way PCB header (either a plug or socket can be used)

Connecting Power

Power is connected via the 2 way connector and there is a power switch available. There are power rails on the PCB labelled 3V and 0V, these are connected to the 2 way power connector so the board can be powered from these power rails. The power rails are useful when for example you are interfacing to a breadboard, power can be taken from the RKuB1 and connected to power rails on the breadboard.

Using the RKuB1

The RKuB1 is a simple breakout board and how you use it will depend on what you are doing with it. Breakout the pins of your micro:bit using jumper wires and connect to peripherals, breadboards, stripboards etc. The best place to go for hints and ideas is a forum where users share information and ideas.

We have other PCBs and kits available for the BBC micro:bit and also for Arduino, Atmel, PIC, PICAXE, Raspberry PI and we stock a wide range of electronic project PCBs and kits.

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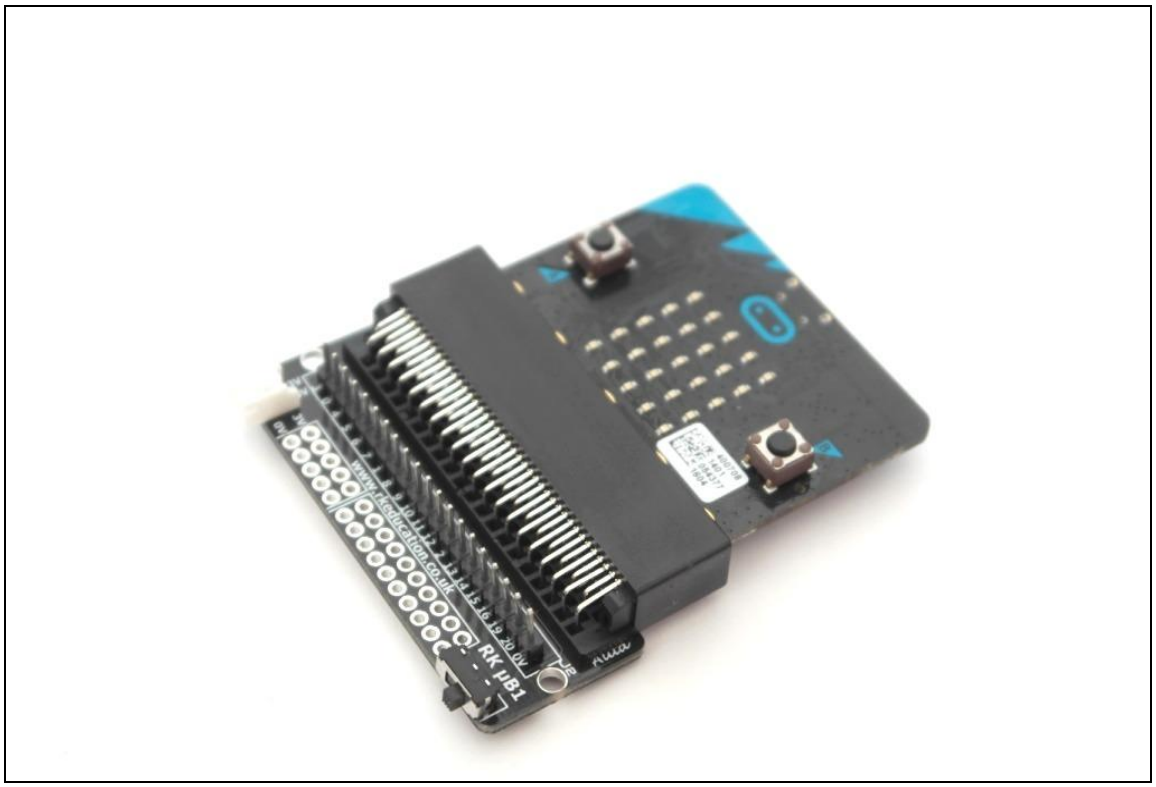
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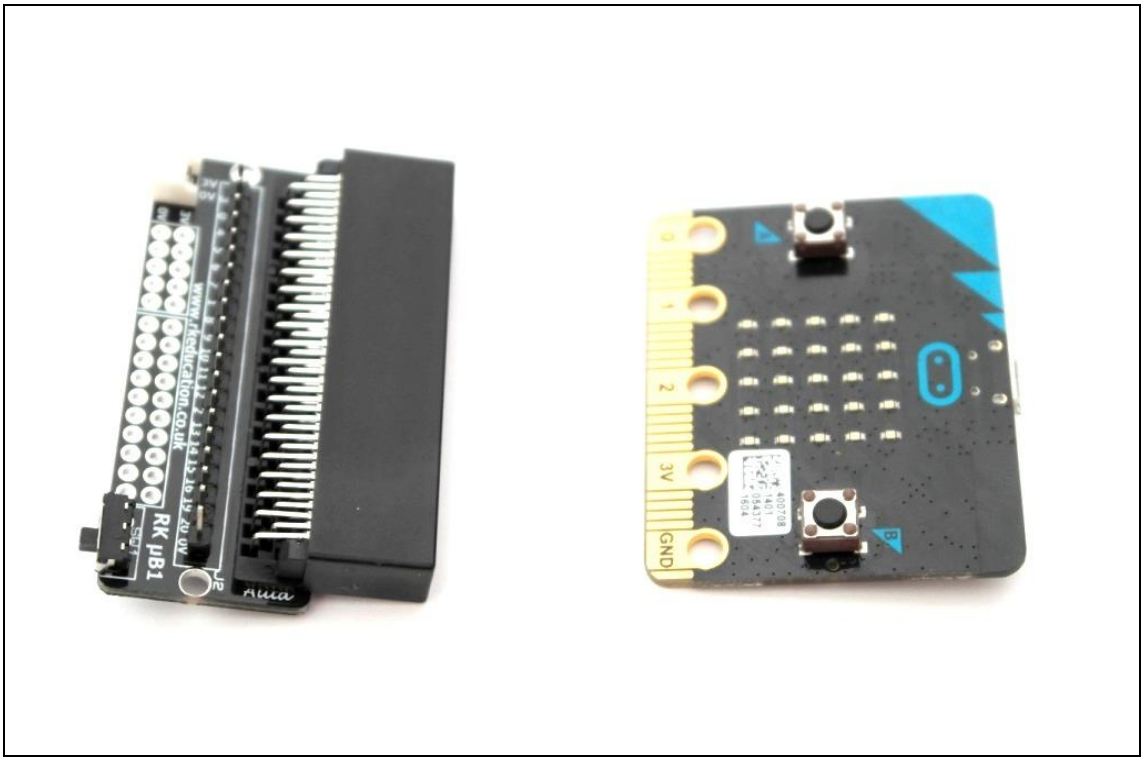
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3V
GND