



Kitronik Ltd

CIRCUIT NOTES

CN1 pad connections are screw holes pads for P0 and GND of the BBC micro:bit.

CN2 is two pads to solder JST wire to the board.
This wire then plugs into the JST connector on the top of the BBC micro:bit
The connector is molded for polarity. Connections are labelled on the PCB
The power supply to the micro:bit can then work down to 2.0V allowing the use for rechargeable batteries (nominal voltage 1.2V per cell)

Current consumption is based on 50mA (inc BBC micro:bit)
Typical Batter capacity is 1500mAh
Battery life to be 1500m/50m = 30 hours

S/C: 56108		
Drawn By: Phil Bradwell	Proximity Monitoring Board	
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