

I_SWITCH_DIY

power supply:

Vcc: 6Vcc MIN...12Vcc MAX!!

sensing distance: hand to antenna < 60 mm

Offset time: 5 sec after powering

Output1 will toggle when the hand is approaching.

Tx (5V UART) will send software version and offset value at startup.

After that TX will send a value +/- 0...99

proportional with the hand to antenna distance.

Please first install the sensor to final position, power it on and wait 5 seconds for measuring and storing the offset value. Now offset is memorized.

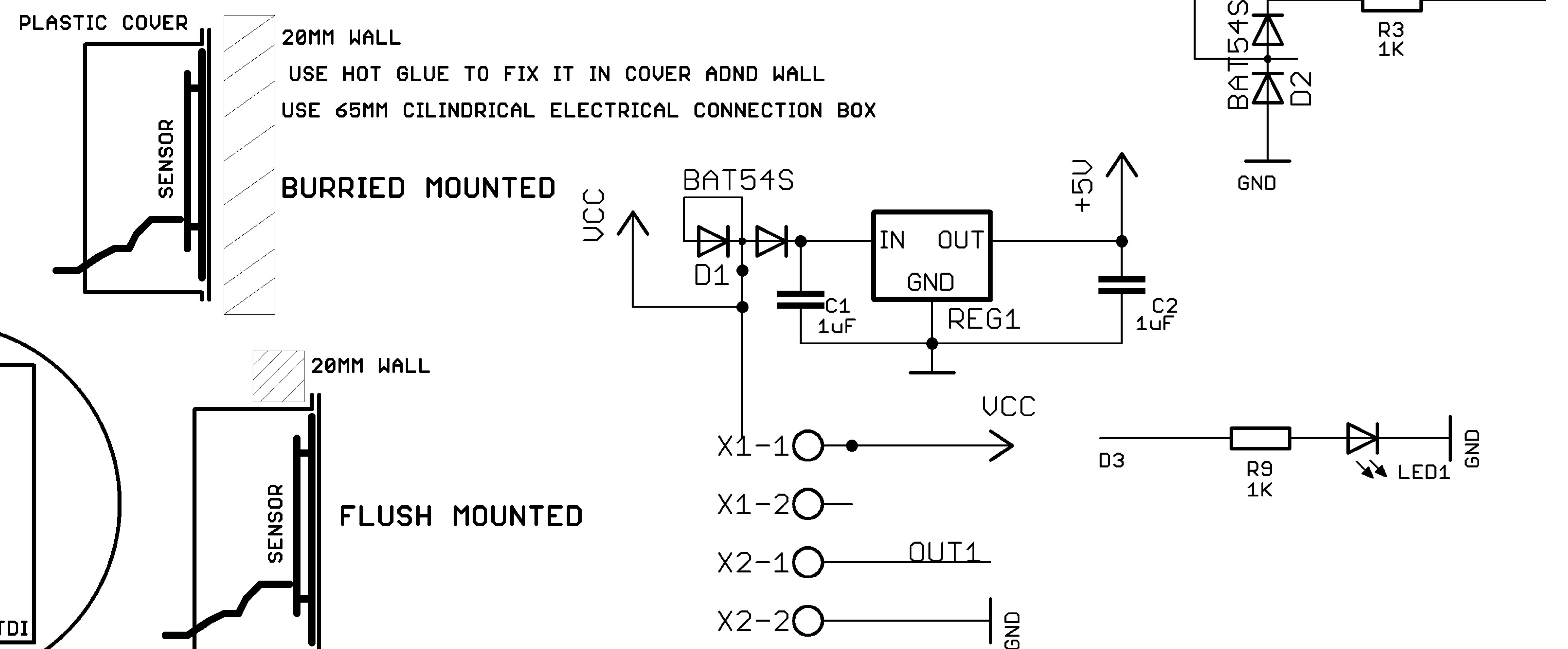
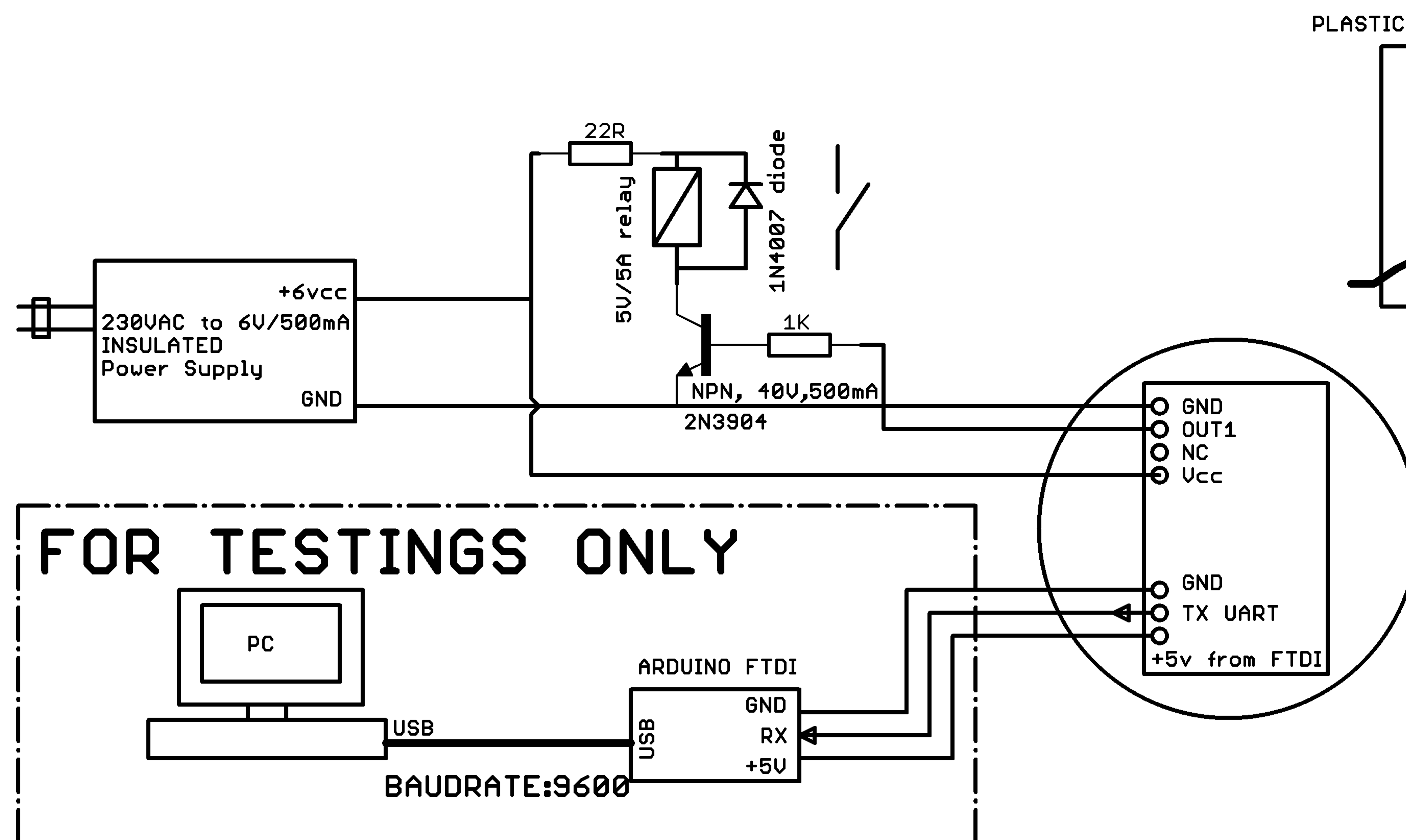
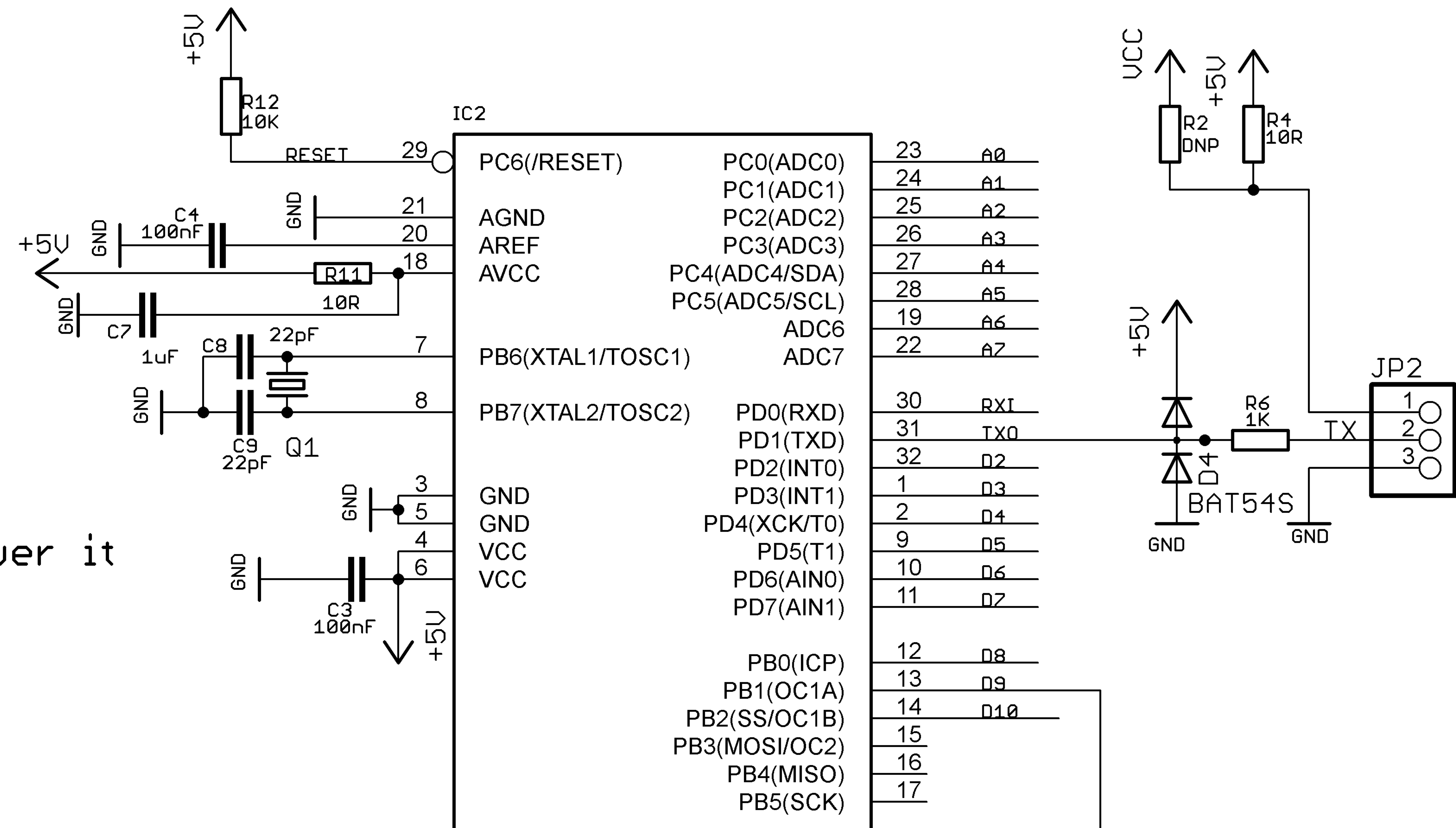
Reset the power if conditions are changed.

The back side LED is on in standby condition (under threshold value) and is off over this point.

For maximum sensitivity back side LED is blinking showing that the sensor is around switching point

Please power the sensor from FTDI convertor only

for testings. External V_{cc} to minimum $6V_{cc}$ is needed for stable measurement



Faxuino

ISW1.0_DIY

DIY version

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