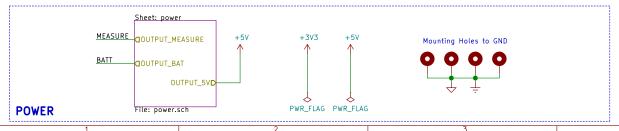
MEASURE BATT +5V +3V3 Sheet: blupill +5V<sub>↑</sub> +51/ INPUT\_5V ₹ R9  $\stackrel{\textstyle >}{\stackrel{\textstyle >}{\stackrel{}}}$  R6 OUTPUT\_3V3D I2C1\_SDA ADC12\_INOD ADC12\_IN1D 24AA64FT-I/OT +3V3 +3V3 SENSOR1\_GPIO LED\_Green@2V R1 SENSOR2\_GPIO S2 R2 LED1\_GPIOD D2 LED\_Red@2V 150 LED2\_GPIOD EEPROM IR SENSOR Nota: WP -> GND = Write Enable BUZZER\_PWMD C4\_GPIO C3\_GPIO SPI2\_NSSD ~SDA C2\_GPIO SPI2\_SCKD 2 SCK 3 MOSI C1\_GPIO SPI2\_MOSID 4 CMISO BZ1 L4\_GPIO SPI2\_MISOD ×5 CIRQ GND Buzzer +3V3 × 7 CRST (3.3V aL3\_GPI0 +57 UART1\_TXD UART1\_TX +5V CIL2\_GPIO **d**L1\_GPI0 UART1\_RXD UART1\_RX RFID **BUZZER** KEYBOARD  $\begin{cases} R12 \leqslant R13 \\ 2k2 \leqslant 2k2 \end{cases}$ I2C1\_SDAD I2C1\_SDA I2C1\_SCLD I2C1\_SCL UART1\_TX UART1\_RX 2 J6 File: blupill.sch 3 C HC06 +3V3 I2C1\_SDA I2C1\_SCL 12C DISPLAY **BLUETOOTH** MAIN BOARD

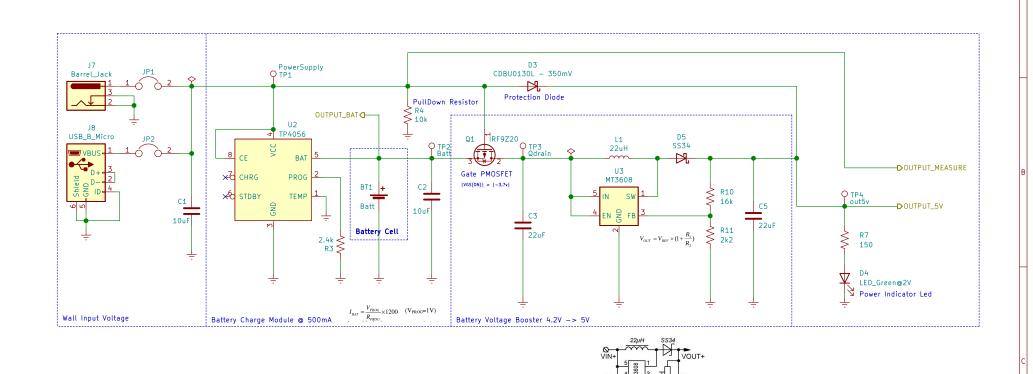
Nota: Estan al reves TX y RX, porque en el HC06 la indicación es que el RX es el de entrada, es decir que se conecta con nuestro TX.



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File: project.sch

	Title: Sistema de Alarma		
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File: power.sch Title: Sistema de Alarma

Date: 2021-09-23 Rev: v1.4 KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1 ld: 2/3

Circuit reference: https://www.youtube.com/watch?v=GRd9uTwg7r4

