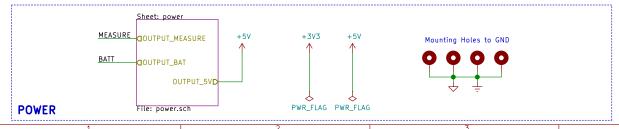
MEASURE BATT +5V +3V3 ₹ R8 2k2 Sheet: blupill TP5 +5V<sub>↑</sub> +5V<sub>1</sub> INPUT\_5V ₹89 3k3  $\stackrel{\textstyle >}{\stackrel{\textstyle >}{\stackrel{}}}$  R6  $\stackrel{\textstyle >}{\stackrel{\textstyle >}{\stackrel{}}}$  3k3 OUTPUT\_3V3D ∞ M24C02 I2C1\_SDA ADC12\_INOD ADC12\_IN1D +3V3 +3V3 SENSOR1 GPIO LED\_Green@2V R1 111 SENSOR2\_GPIO S2 R2 LED1\_GPIOD 150 D2 LED\_Red@2V LED2\_GPIOD **EEPROM** IR SENSOR Nota: WC -> 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 (MISO BZ1 L4\_GPIO SPI2\_MISOD ×5 CIRQ GND Buzzer +3V3 × 7 (RST (3.3V **a**L3\_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 ← HC06 +3V3 I2C1\_SDA I2C1\_SCL 12C DISPLAY **BLUETOOTH** MAIN BOARD

Nota: Estan al reves TX y RX, porque en el HCO6 la indicación es que el RX es el de entrada, es decir que se conecta con nuestro TX.



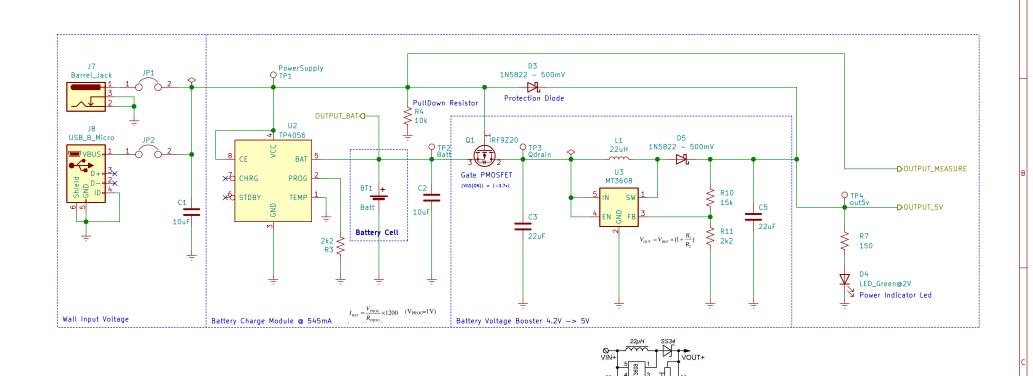
Dieguez, Manuel Crisafio, Gabriel Golob, Lautaro Liaño, Lucas **Proyecto Técnicas Digitales II — Grupo N°4** Sheet: /

File: project.sch

Title:	Sistema	a de	Alarn	ıa
C: 1/		- Г	2024	$\overline{}$

 Size: A4
 Date: 2021-09-27
 Rev: v1.6

 KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1
 Id: 1/3



Dieguez, Manuel Crisafio, Gabriel Golob, Lautaro Liaño, Lucas Proyecto Técnicas Digitales II — Grupo N°4 Sheet: /power/ File: power.sch

Title: Sistema de Alarma

Date: 2021-09-27 Rev: v1.6 KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1 ld: 2/3

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

