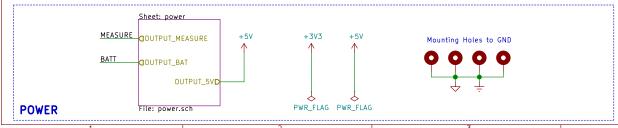
MEASURE BATT +5V +3V3 ₹ R8 2k2 Sheet: blupill TP5 +5V<sub>↑</sub> +5V<sub>1</sub> INPUT\_5V ₹R6 3k3 ₹89 3k3 OUTPUT\_3V3D ∞ M24C02 I2C1\_SDA ADC12\_INOD ADC12\_IN1D +3V3 +3V3 SENSOR1 GPIO LED\_Green@2V R1 111 SENSOR2\_GPIO S2 R2 LED1\_GPIOD D2 LED\_Red@2V 150 LED2\_GPIOD **EEPROM** IR SENSOR Nota: WC -> 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 CMISO BZ1 L4\_GPIO SPI2\_MISOD ×5 CIRQ GND Buzzer +3V3 × 7 (RST (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 HCO6 la indicación es que el RX es el de entrada, es decir que se conecta con nuestro TX.



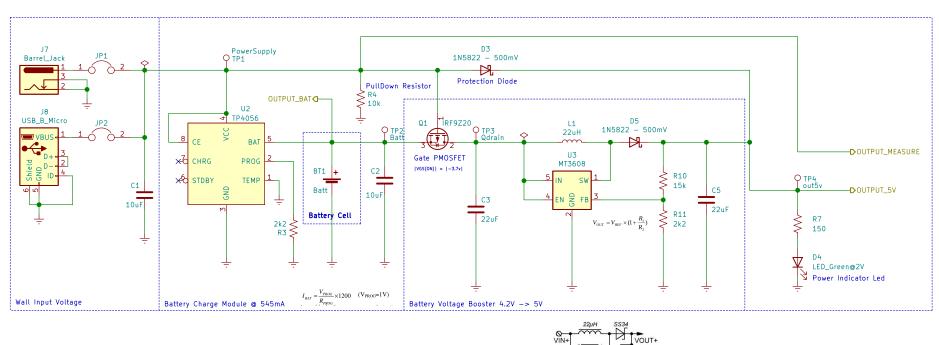
Dieguez, Manuel Crisafio, Gabriel Golob, Lautaro Liaño, Lucas

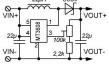
Proyecto Técnicas Digitales II — Grupo N°4

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Title: Sistema de Alarma

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 Date: 2021-09-26
 Rev: v1.5

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 Id: 2/3

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

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