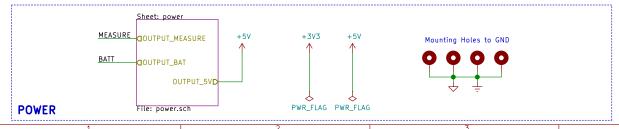
MEASURE BATT +5V +3V3 Sheet: blupill +5V<sub>↑</sub> +5V<sub>1</sub> INPUT\_5V ₹ R9  $\stackrel{\textstyle >}{\stackrel{\textstyle >}{\stackrel{}}}$  R6 OUTPUT\_3V3D I2C1\_SDA ADC12\_INOD I2C1\_SCL ADC12\_IN1D 24AA64FT-I/OT +3V3 +3V3 SENSOR1 GPIO LED\_Green@2V R1 SENSOR2\_GPIO R2 LED1\_GPIOD D2 LED\_Red@2V 100 LED2\_GPIOD EEPROM IR SENSOR Nota: WP -> GND = Write Enable BUZZER\_PWMD **a**C4\_GPI0 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 CRST RST 3.3V **a**L3\_GPI0 UART1\_TXD UART1\_TX aL2\_GPIO **d**L1\_GPI0 UART1\_RXD UART1\_RX RFID **BUZZER** KEYBOARD 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 HC06 la indicación es que el RX es el de entrada, es decir que se conecta con nuestro TX.

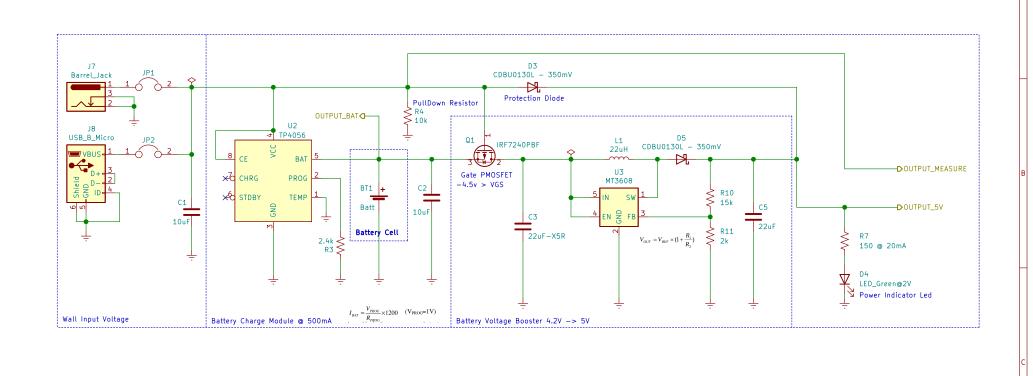


Dieguez, Manuel Crisafio, Gabriel Golob, Lautaro Liaño, Lucas Proyecto Técnicas Digitales II - Grupo N°4

Sheet: /

File: project.sch Title: Sistema de Alarma

Titte. Sistema de Atarina			
Size: A4	Date: 2021-07-23	Rev: v1.2	Т
KiCad E.D.A. kid	ad 5.1.10-88a1d61d58 <del>88</del> ubuntu20.04.1	ld: 1/3	
· /ı	5	T'	_



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: 2021-07-23 Rev: v1.2 KiCad E.D.A. kicad 5.1.10-88a1d61d5888ubuntu20.04.1 ld: 2/3

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

