

Sheet: Sujeciones

File: Sujeciones.sch

Sheet: Microcontrolador

Sheet: Sensores

SENSOR1D
SENSOR2D
SENSOR3D
SENSOR4D
SENSOR5D
SENSOR6D

File: Sensores.sch

Sheet: Alimentacion

BAT+D

File: Alimentacion.sch

SENSOR1
SENSOR2
SENSOR3
SENSOR4
SENSOR5
SENSOR6

UART_RX
UART_TX
ESP_SOFT_RST

File: Microcontrolador.sch

MOTDAD
MOTDBD
MOTIAD
MOTIBD

Sheet: Puente H

MOTDA
MOTDB
MOTIA
MOTIB

File: Puente H.sch

Sheet: WiFi

QUART_RX
QUART_TX
ESP_SOFT_RST

File: WiFi.sch

Crédito DyM de PCBs

Sheet: /
File: Autito Microcontroladores.sch

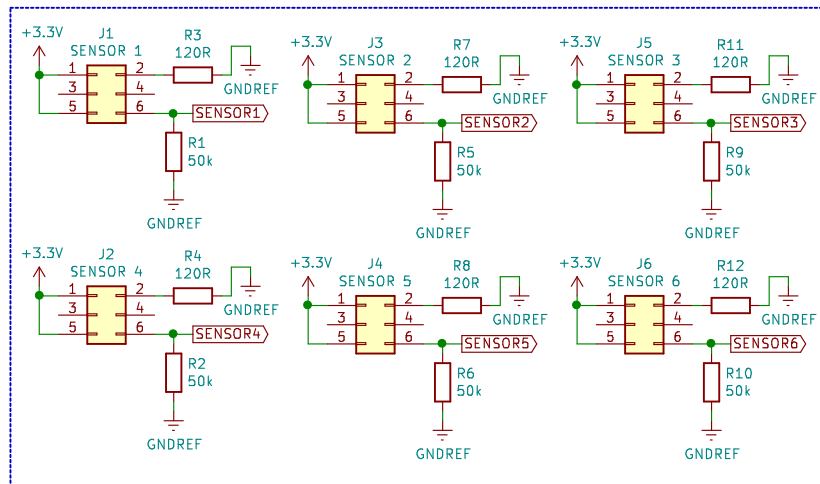
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Size: A4
KiCad E.D.A. kicad 5.1.9

Date: 2021-03-30

Rev:
Id: 1/7

Sensores de proximidad



Crédito DyM de PCBs

Sheet: /Sensores/

File: Sensores.sch

Title: Sensores

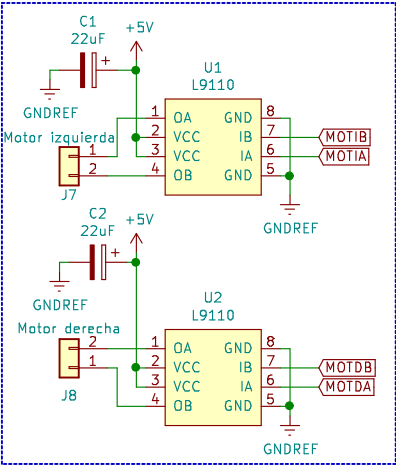
Size: A4 Date: 2021-03-30

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Rev:

Id: 2/7

Dirección de Motores



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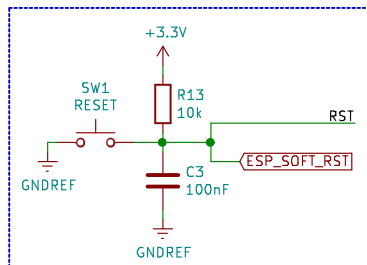
Sheet: /Puente H/
File: Puente H.sch

Title: Puente H

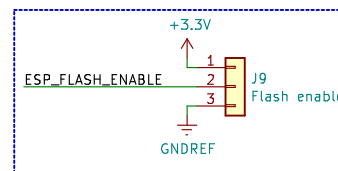
Size: A4 Date: 2021-03-30
KiCad E.D.A. kicad 5.1.9

Rev:
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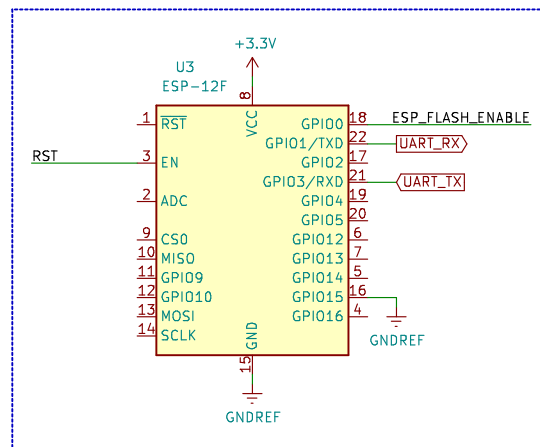
Reset



Flash enable



Modulo WiFi



Crédito DyM de PCBs

Sheet: /WiFi/

File: WiFi.sch

Title: WIFI

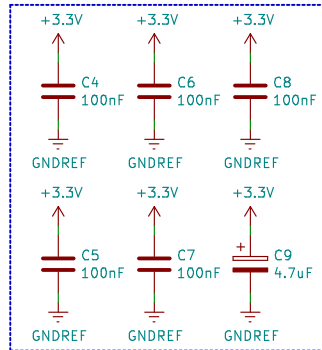
Size: A4 Date: 2021-03-30

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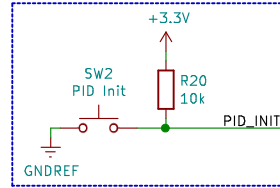
Rev:

Id: 4/7

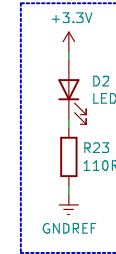
Filtrado



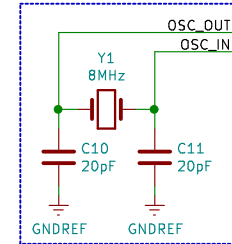
PID Init



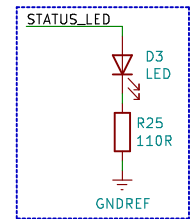
LED ON



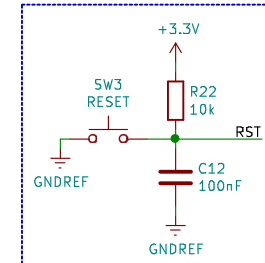
Reloj



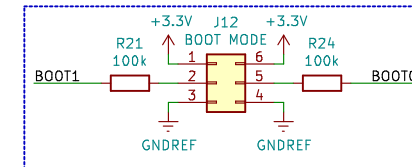
LED de estado



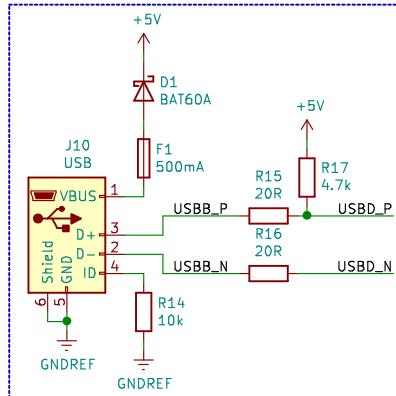
Reset



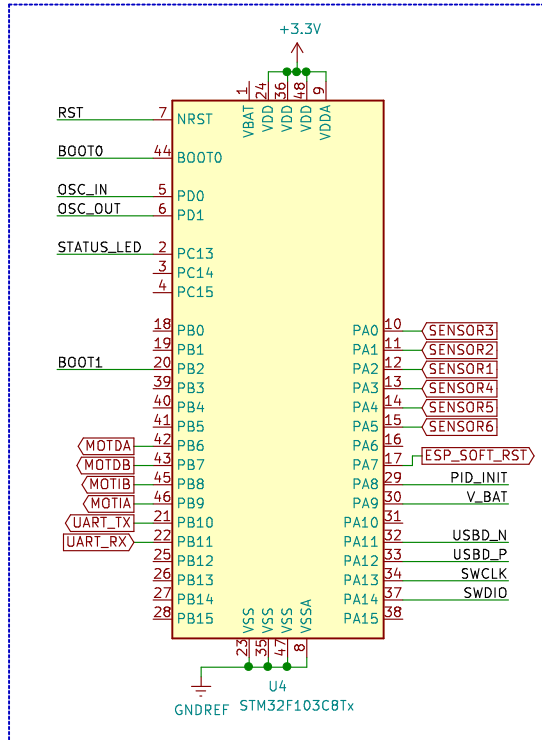
Modo de Booteo



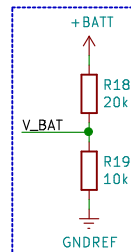
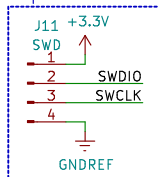
USB



STM32F103C8T6



Depuración



Crédito DyM de PCBs

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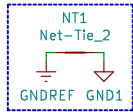
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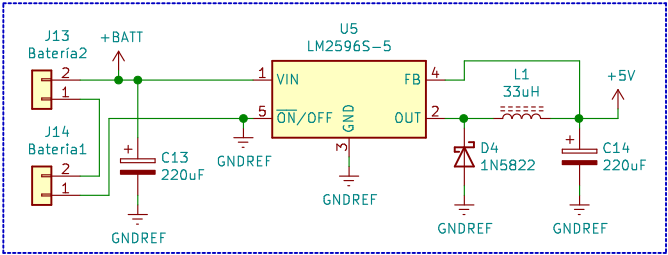
Rev:

Id: 5/7

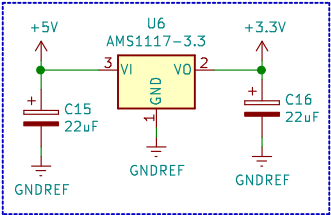
NetDie



5V Power Supply



3.3V Power Supply



Crédito DyM de PCBs

Sheet: /Alimentacion/
File: Alimentacion.sch

Title: Alimentación

Size: A4 Date: 2021-03-30
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Referencia

- FID1
Fiducial
- FID2
Fiducial
- FID3
Fiducial

Sujeción

- H1
MountingHole
- H2
MountingHole

Test points

- TP1
TestPoint
- TP2
TestPoint
- TP3
TestPoint
- TP4
TestPoint
- TP5
TestPoint
- TP6
TestPoint
- TP7
TestPoint
- TP8
TestPoint

Crédito DyM de PCBs

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