

SCHEMATIC

Sheet: Microcontroller



File: Microcontroller.sch

Sheet: Power



File: Power.sch

Sheet: Leds&Buttons&Connectivity



File: Leds&Buttons&Connectivity.sch

Sheet: Memory&RTC&GPS



File: Memory&RTC&GPS.sch

Sheet: RadioModules



File: RadioModules.sch

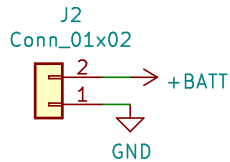
Juan Ramón Gómez Martín

Sheet: /
File: Interfaz CAN-BT-RADIO.sch

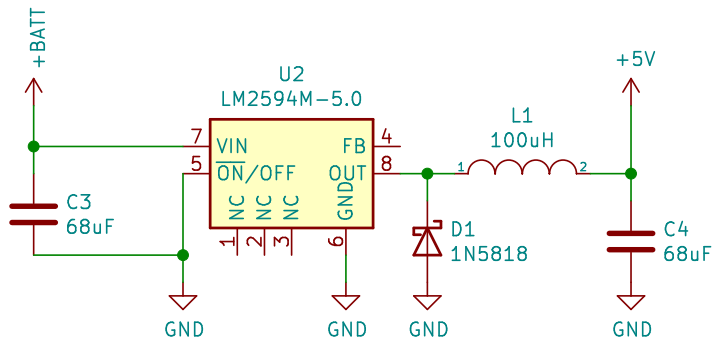
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Size: A4	Date:	Rev:
KiCad E.D.A. kicad (5.1.10)-1		Id: 1/6

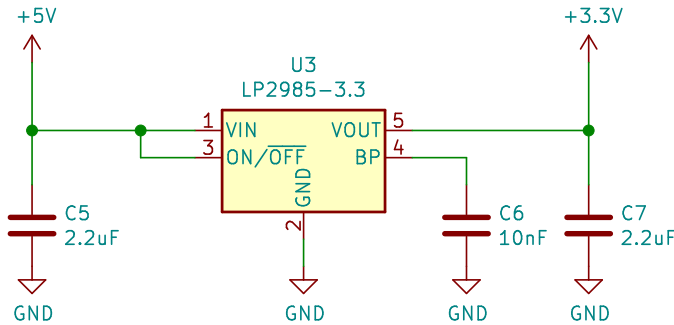
INPUT POWER CONNECTOR



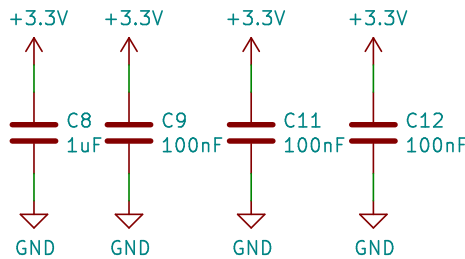
BUCK 5-24V TO 5V



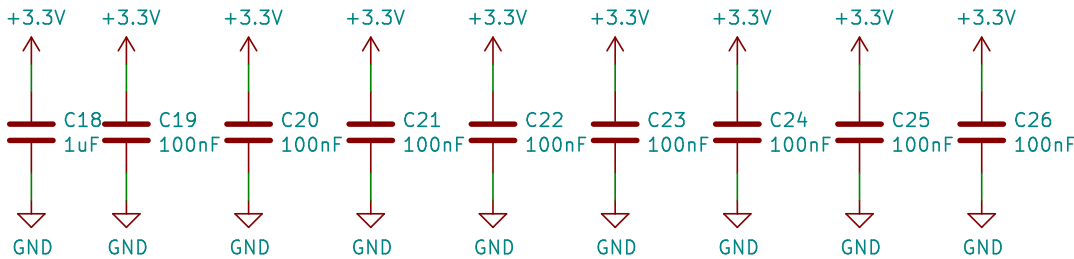
LDO 5V TO 3V3



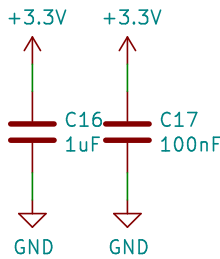
VDDANA



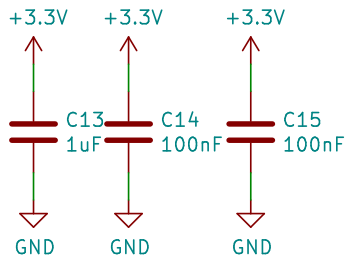
VDDIO



VDDCORE



VDDIOB



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Sheet: /Power/
File: Power.sch

Title: Power

Size: A4

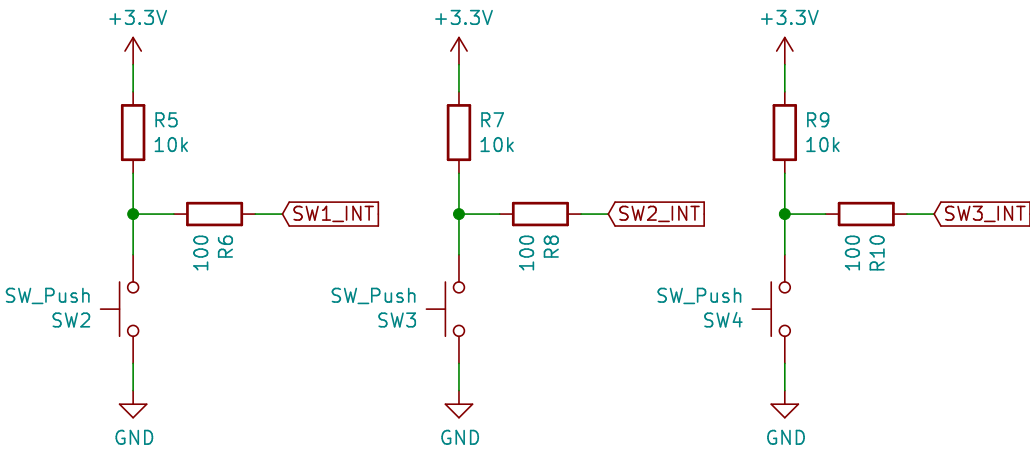
Date:

Rev:

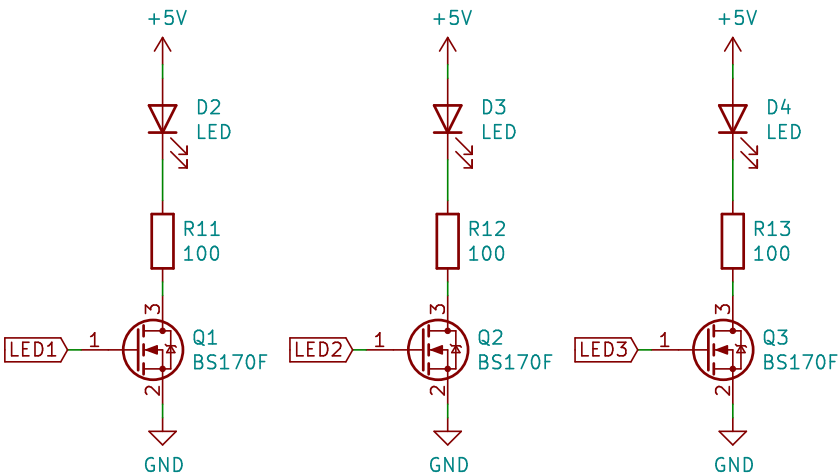
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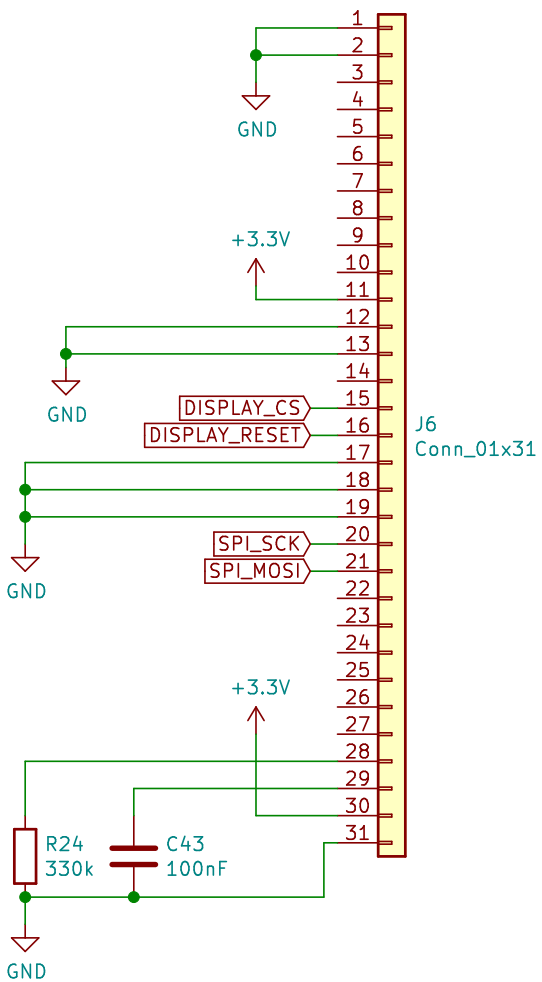
SWITCHES



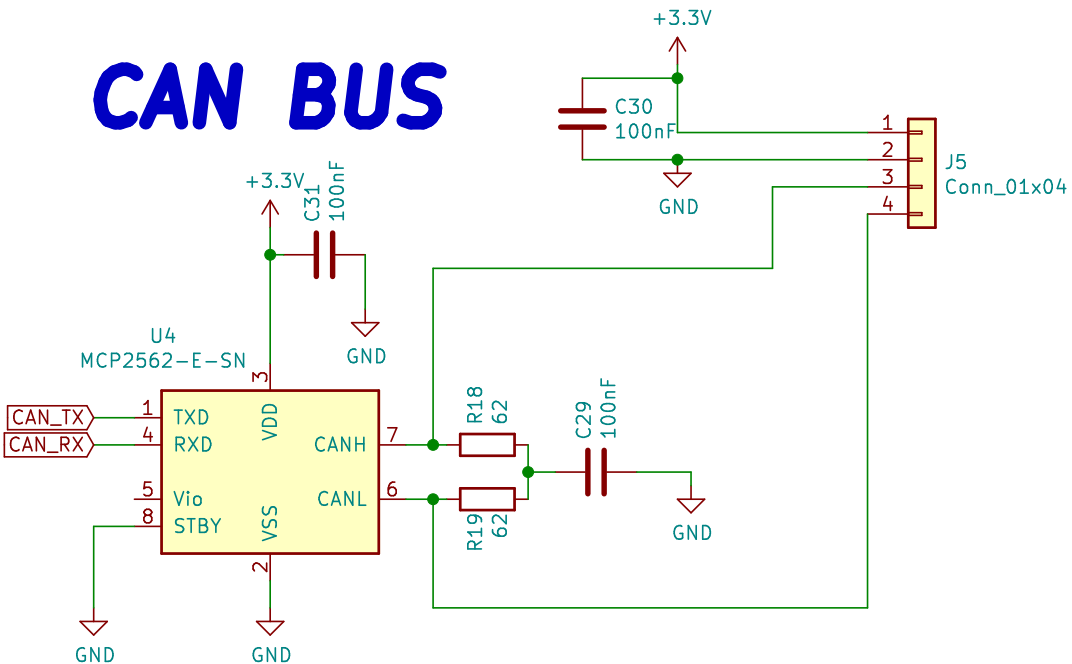
USER LEDS



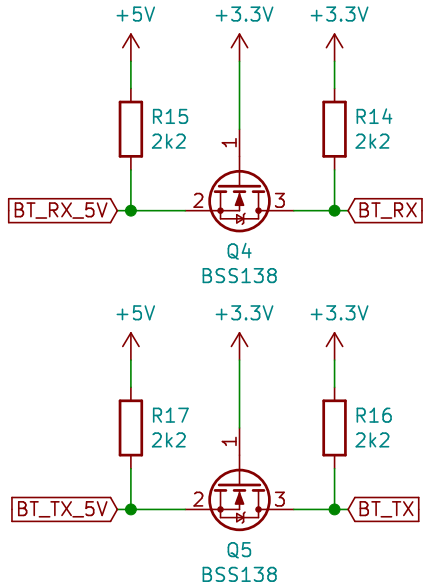
DISPLAY CONNECTOR



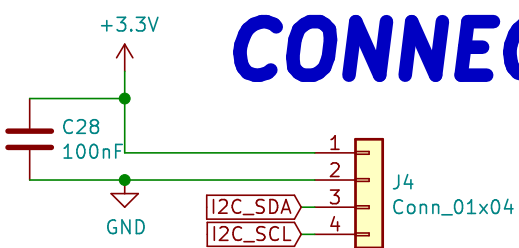
CAN BUS



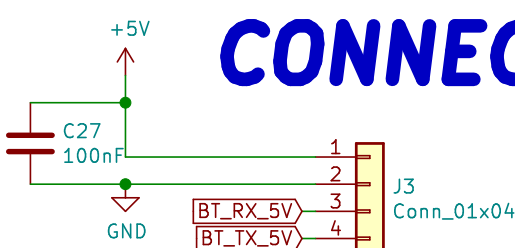
LEVEL SHIFTER



I2C CONNECTOR

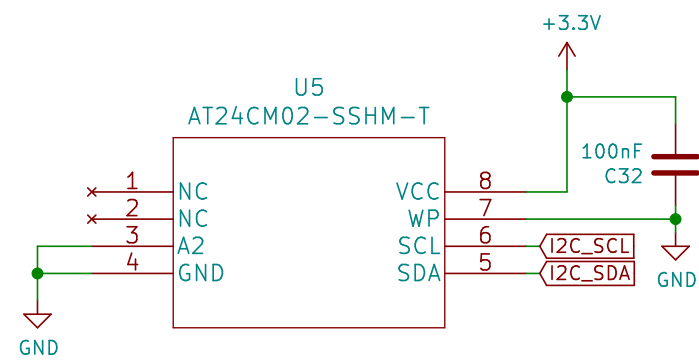


BLUETOOTH CONNECTOR

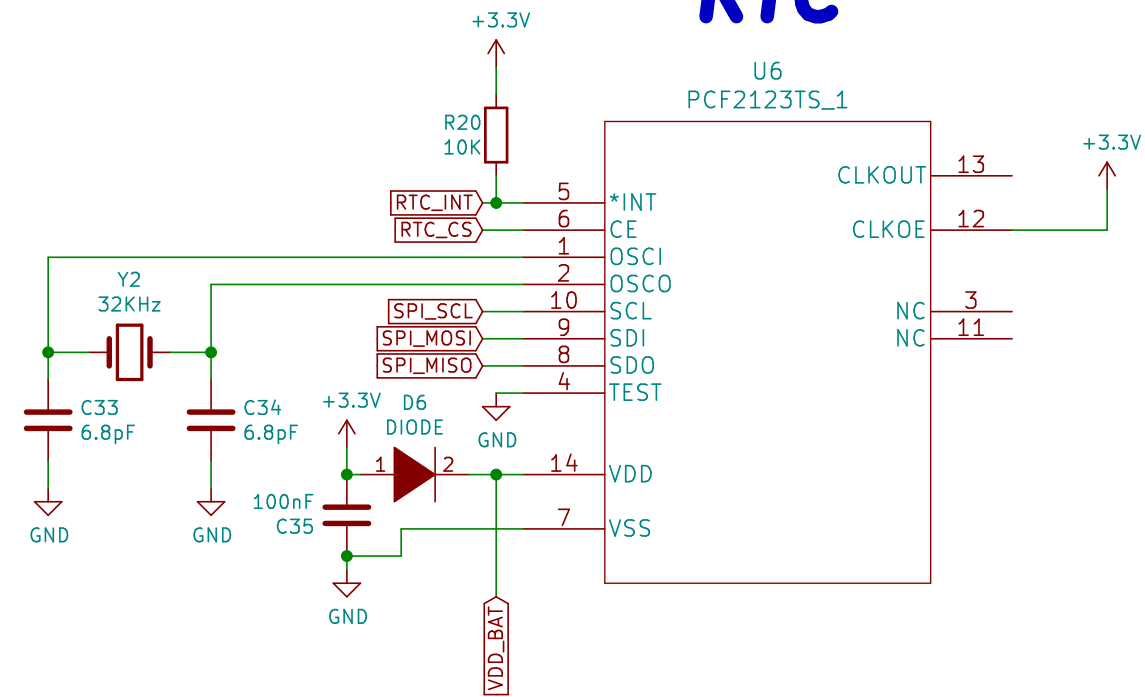


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Sheet: /Leds&Buttons&Connectivity/		
File: Leds&Buttons&Connectivity.sch		
Title: LEDs & Buttons & Connectivity		
Size: A4	Date:	Rev:
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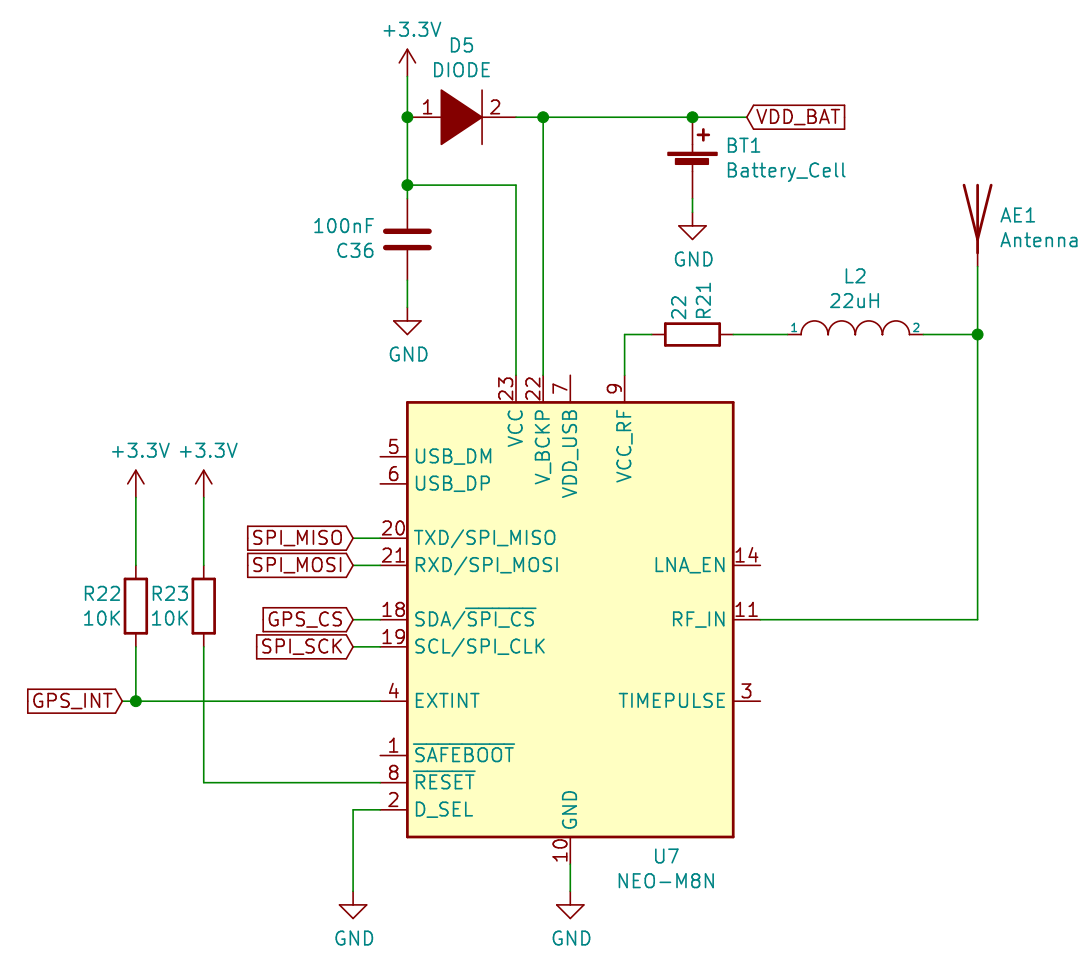
EEPROM MEMORY



RTC



GPS + BATTERY



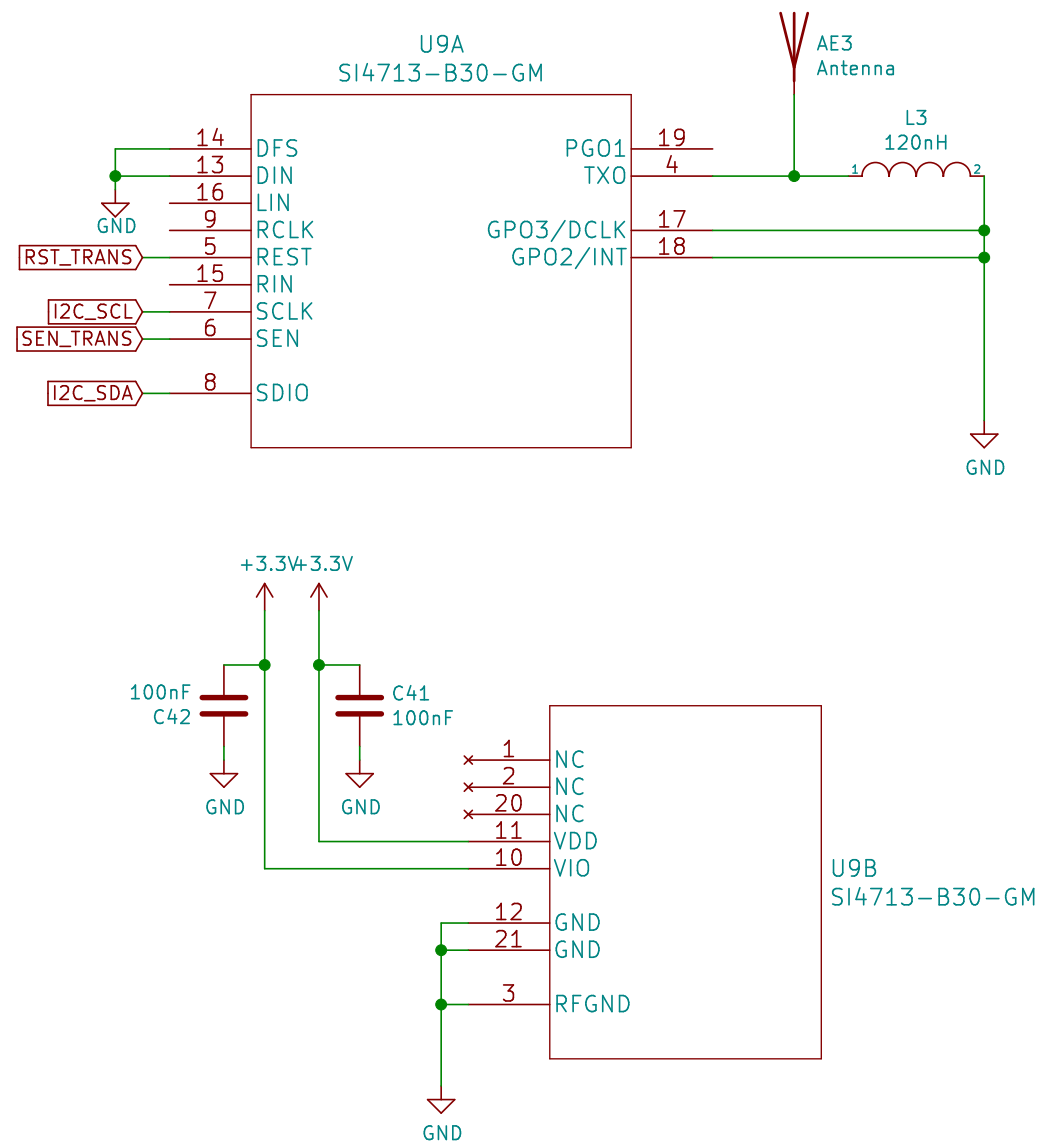
Juan Ramón Gómez Martín

Sheet: /Memory&RTC&GPS/
File: Memory&RTC&GPS.sch

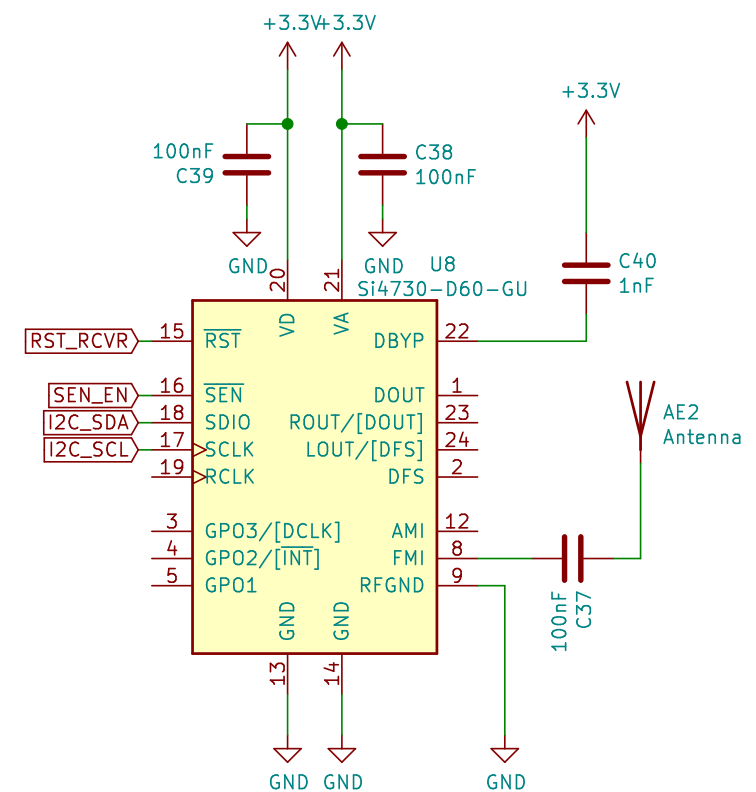
Title: Memory & RTC & GPS

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KiCad E.D.A. kicad (5.1.10)-1		Id: 4/6

RADIO TRANSMITTER



RADIO RECEIVER



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Sheet: /RadioModules/
File: RadioModules.sch

Title: Radio Modules

Size: A4

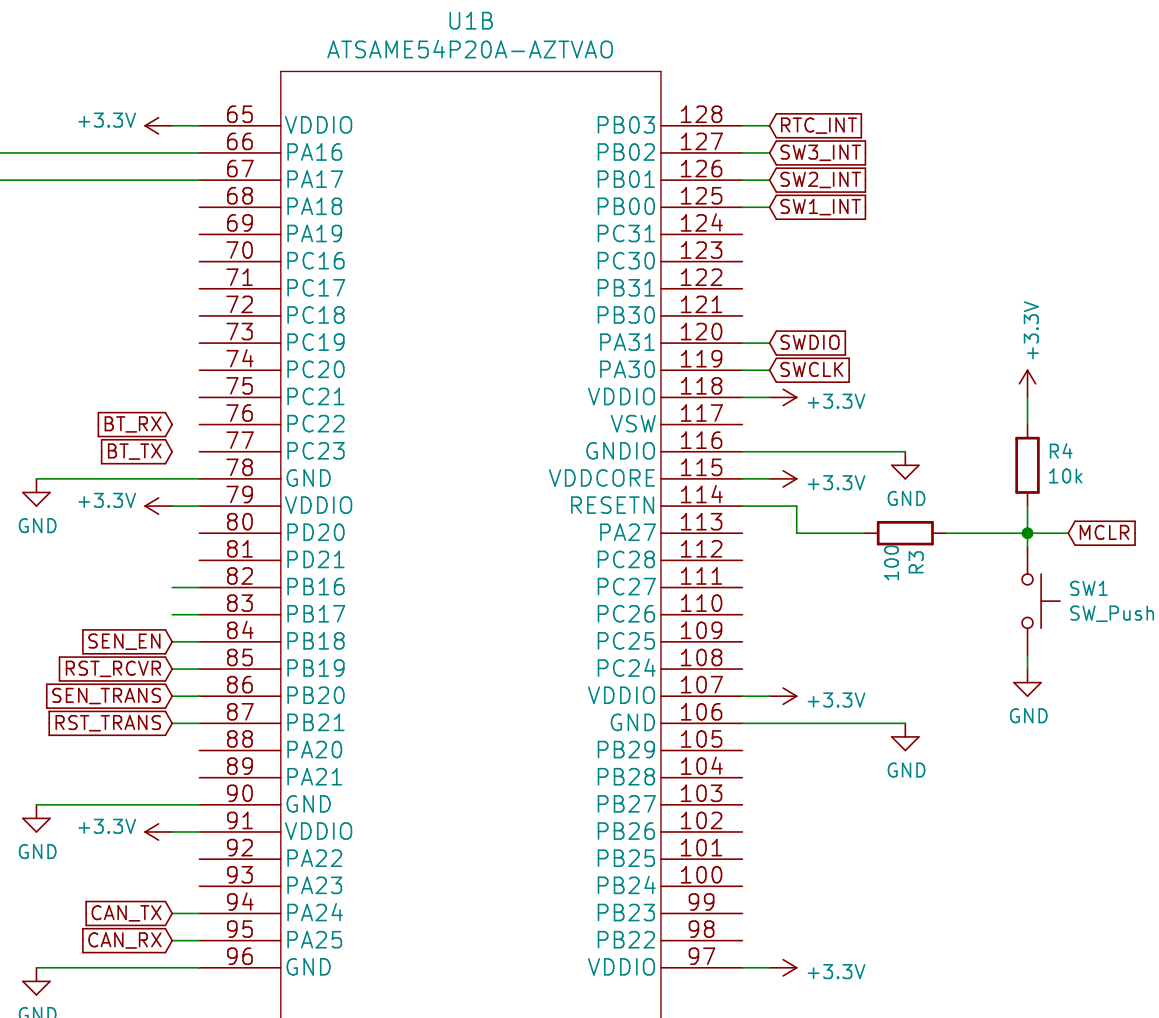
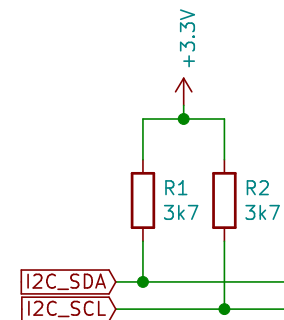
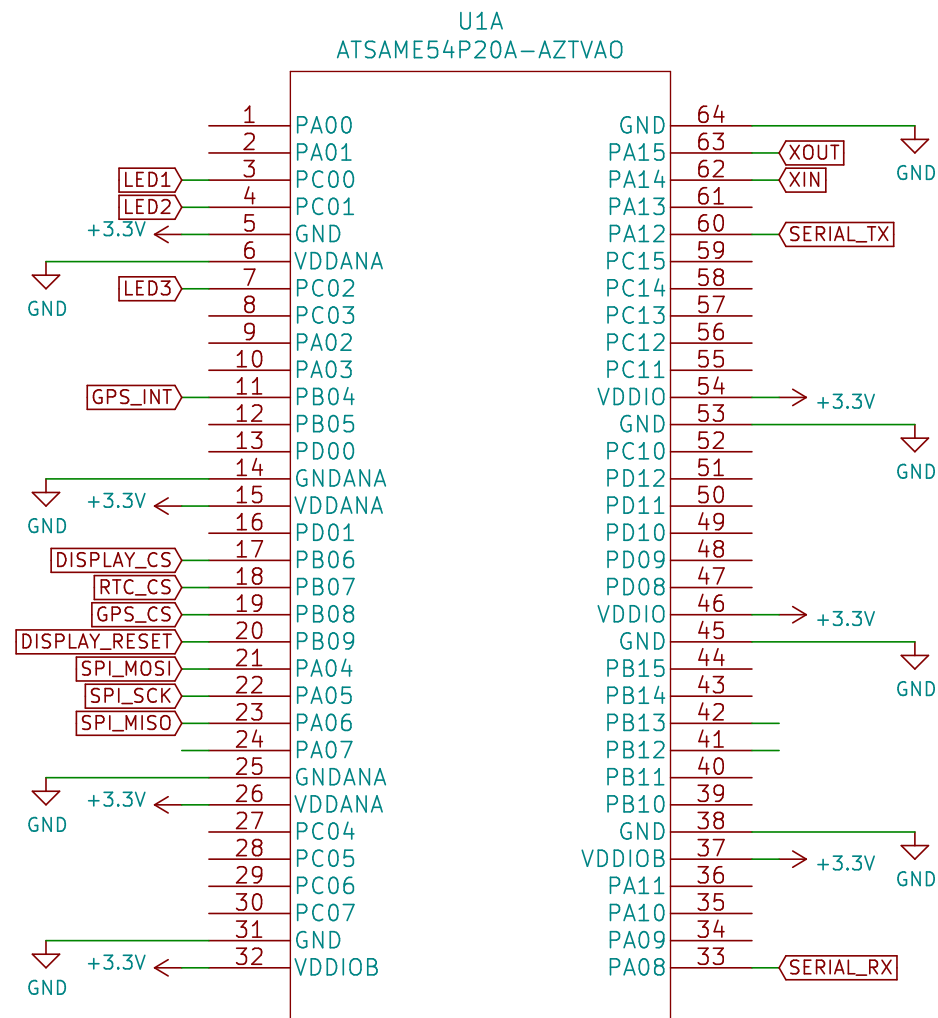
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Rev:

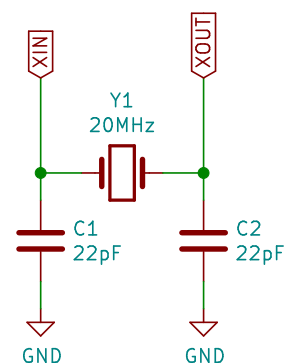
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MICROCONTROLLER



CRYSTAL



PROGRAMMER CONNECTOR



Juan Ramón Gómez Martín

Sheet: /Microcontroller/
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