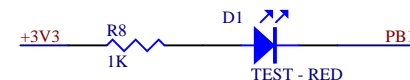
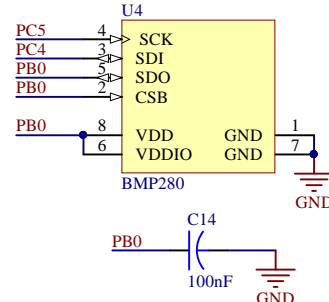
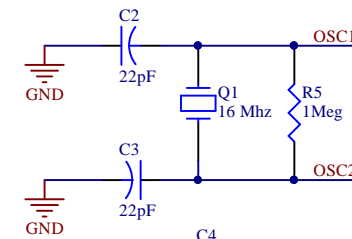
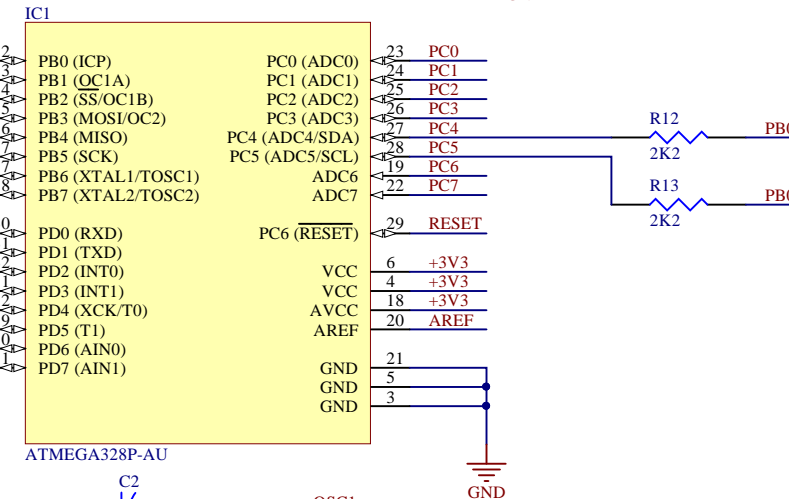
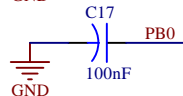
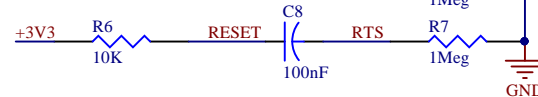
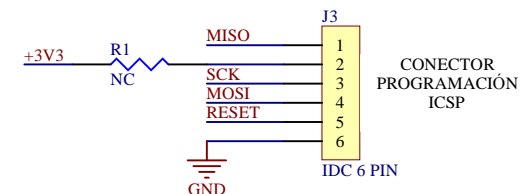
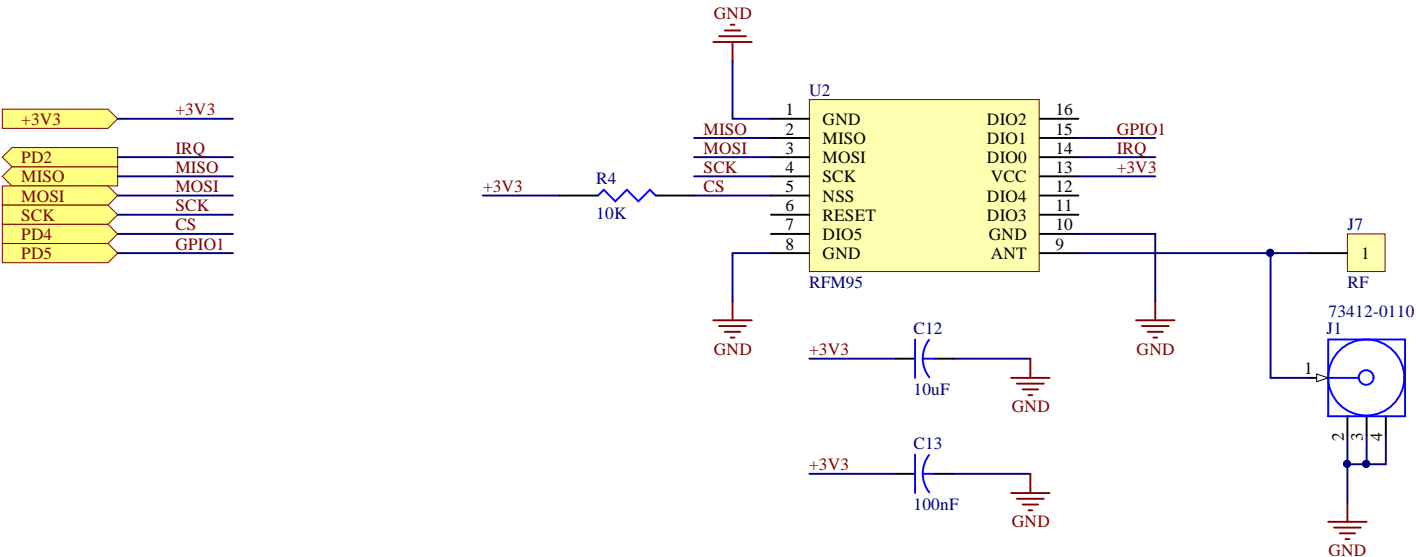



| | | |
|--|-----------|---------------|
| 190416 - LoRaTH | | |
| Title: POWER SUPPLY | | |
| Size: A3 | | |
| Organization: Ray Ingeniería Electrónica, S.L. | | |
| Date: 26/07/2019 | Number: 1 | Sheet: 1 of 3 |
| File: Power.Sch | Rev.: 1 | |
| Drawn by: Raimundo Alfonso Sanchez | | |



| uC | Ard.PIN | SIGNAL |
|------|---------|---------------|
| PD0 | - 0 | - RX |
| PD1 | - 1 | - TX |
| PD2 | - 2 | - IRQ RFM65 |
| PD3 | - 3 | - RDY SUNRISE |
| PD4 | - 4 | - CS RFM65 |
| PD5 | - 5 | - GPIO1 |
| PD6 | - 6 | - RX SUNRISE |
| PD7 | - 7 | - TX SUNRISE |
| PB0 | - 8 | - EN SENSORS |
| PB1 | - 9 | - LED TEST |
| PB2 | - 10 | - EN SUNRISE |
| MOSI | - 11 | - MOSI |
| MISO | - 12 | - MISO |
| SCK | - 13 | - SCK |
| PC0 | - A0 | - DIPSW1 |
| PC1 | - A1 | - DIPSW2 |
| PC2 | - A2 | - DIPSW3 |
| PC3 | - A3 | - DIPSW4 |
| PC4 | - A4 | - SDA |
| PC5 | - A5 | - SCL |
| PC6 | - A6 | - VBAT |
| PC7 | - A7 | - |

| | | |
|--|---|--|
| 190416 - LoRaTH | | |
| Title: MICROCONTROLLER | | |
| Size: A3 |  | |
| Organization: Ray Ingeniería Electrónica, S.L. | | |
| Date: 26/07/2019 | Number: 1 | <div> <div>Rev.: 1</div> <div>Sheet: 2 of 3</div> </div> |
| File: Micro.Sch | Rev.: 1 | |
| Drawn by: Raimundo Alfonso Sanchez | Sheet: 2 of 3 | |



| | | |
|--|---|---------------|
| 190416 - LoRaTH | | |
| Title: RADIO RFM95 | | |
| Size: A3 |  | |
| Organization: Ray Ingeniería Electrónica, S.L. | | |
| Date: 26/07/2019 | Number: 1 | Sheet: 3 of 3 |
| File: RFM95.Sch | Rev.: 1 | |
| Drawn by: Raimundo Alfonso Sanchez | | |