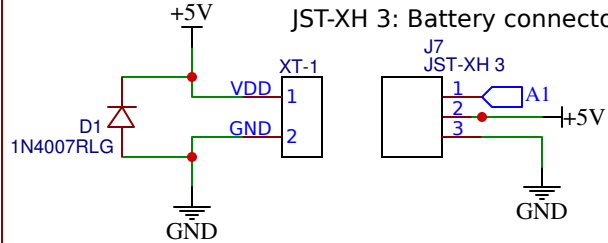


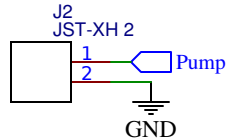
## Connectors

XT-30: power supply

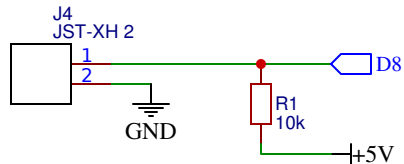
JST-XH 3: Battery connector



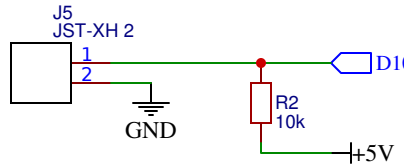
JST-XH 2: water pump to relay



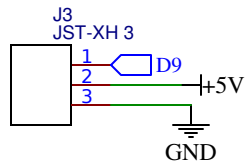
JST-XH 2: float switch 1 (water level sensor)



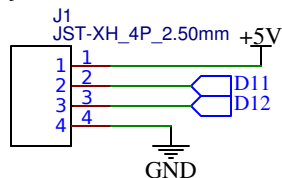
JST-XH 3: float switch 2 (water level sensor)



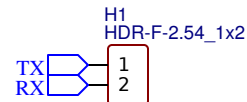
JST-XH 4: servomotor



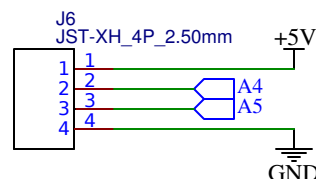
JST-XH 5: ultrasónico



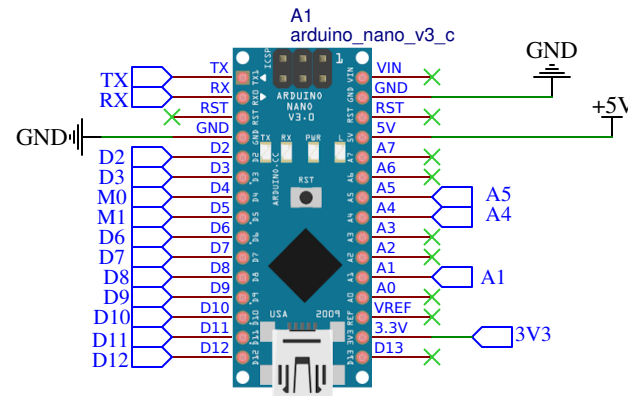
HDR 1x2 serial: sustituye USB



JST-XH 6: I2C extra

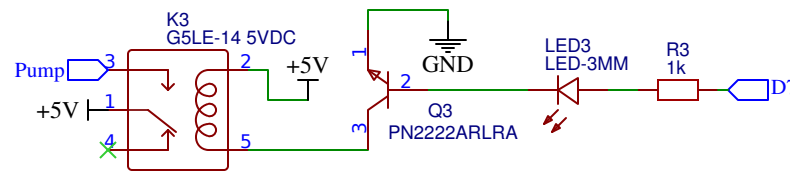


## Microcontroller: Arduino nano



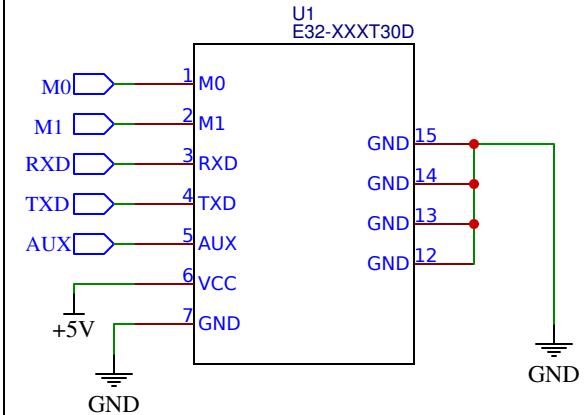
## 5V Relay Module

Relay + BJT (amplifier) + LED + resistor (LED protection)

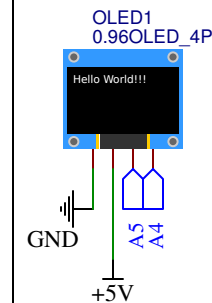


## Arduino Peripherals

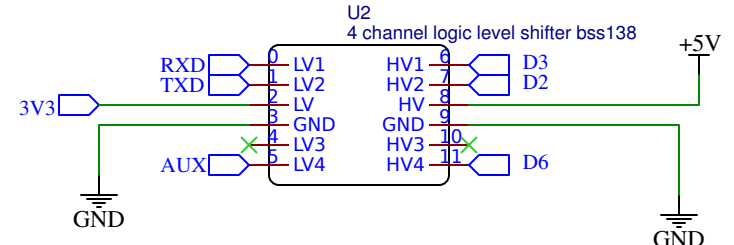
LoRa module: E32-868T30D



OLED Display



3V3 to 5V level shifter



TITLE:

pcb\_tfg\_v1.1a\_conHDR

REV: v1.1a

EasyEDA

Company:

Sheet: 1/1

Date: 2021-04-10

Drawn By: Lucia Francoso