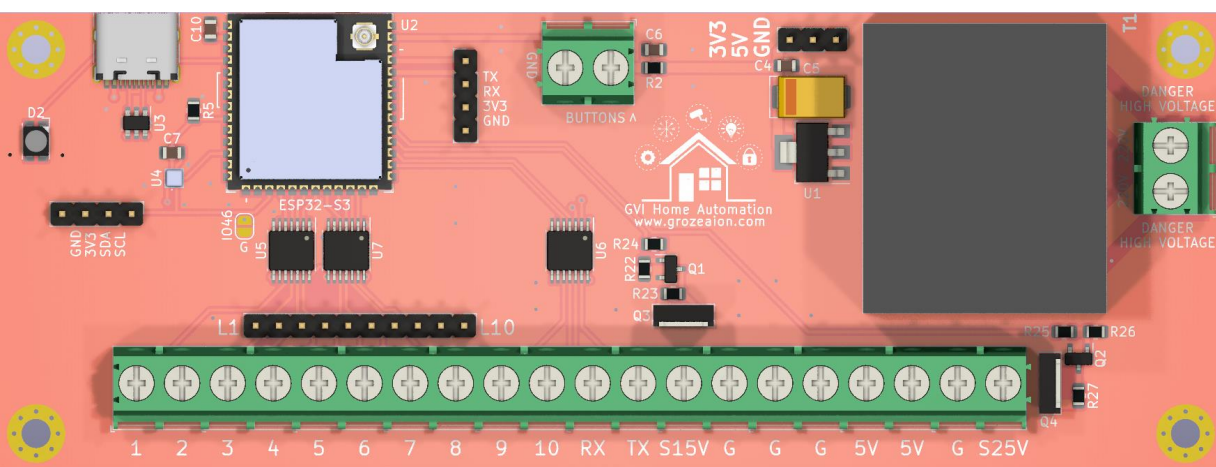


Water Automation Control

Made by Ion Grozea

www.grozeaion.com

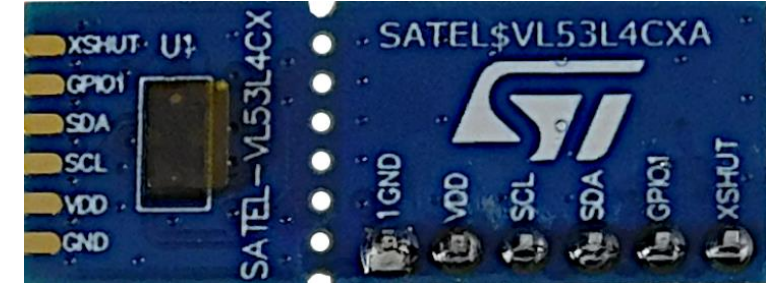
Components



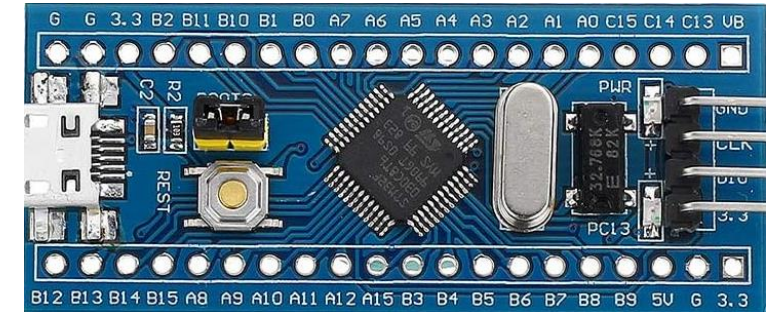
Controller Board



Relay Board



Time Of Flight Sensor
VL53L4CX



STM32 BluePill



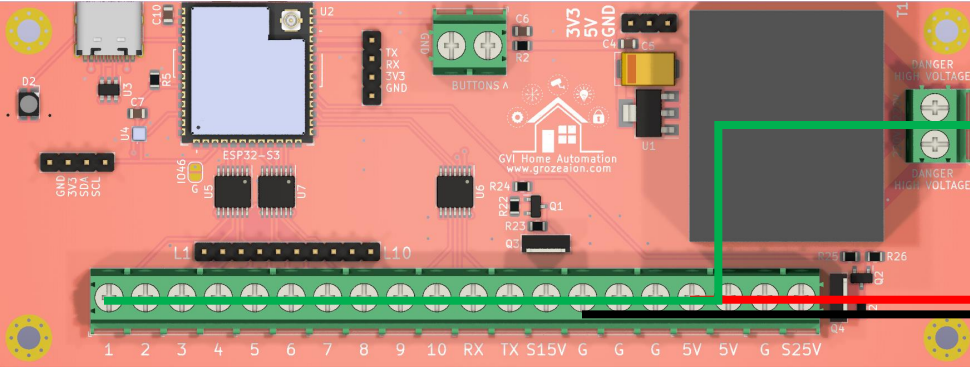
Power supply
HSTNS-PL14
12V 460W



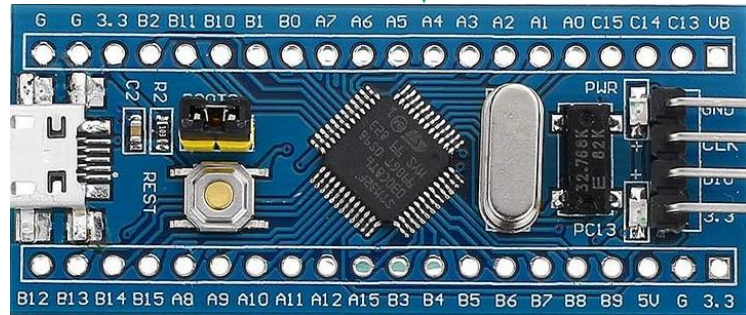
NO/NC 12V Valve

Components

3.3V Logic/5V Control



STM32 BluePill

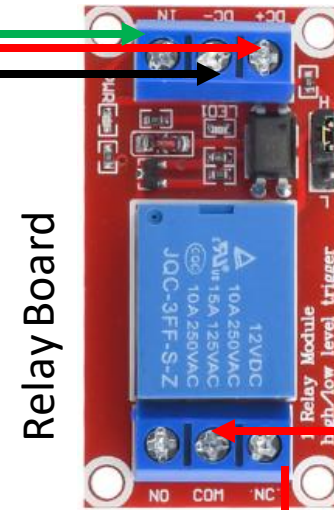
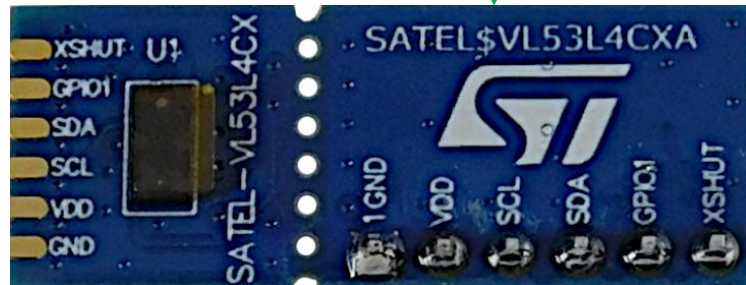


5V Serial

Time Of Flight Sensor

VL53L4CX

3V3 I2C



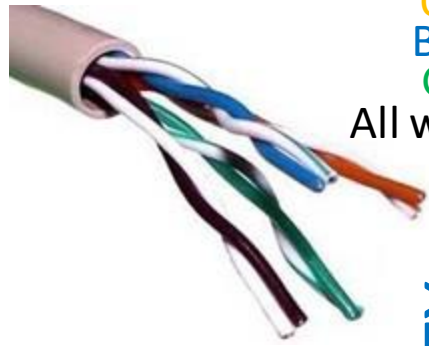
220V



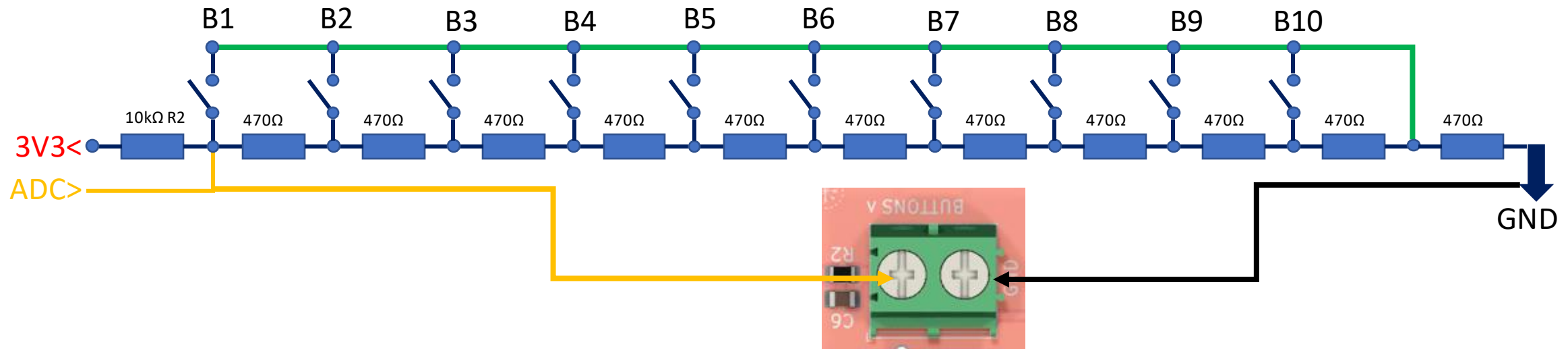
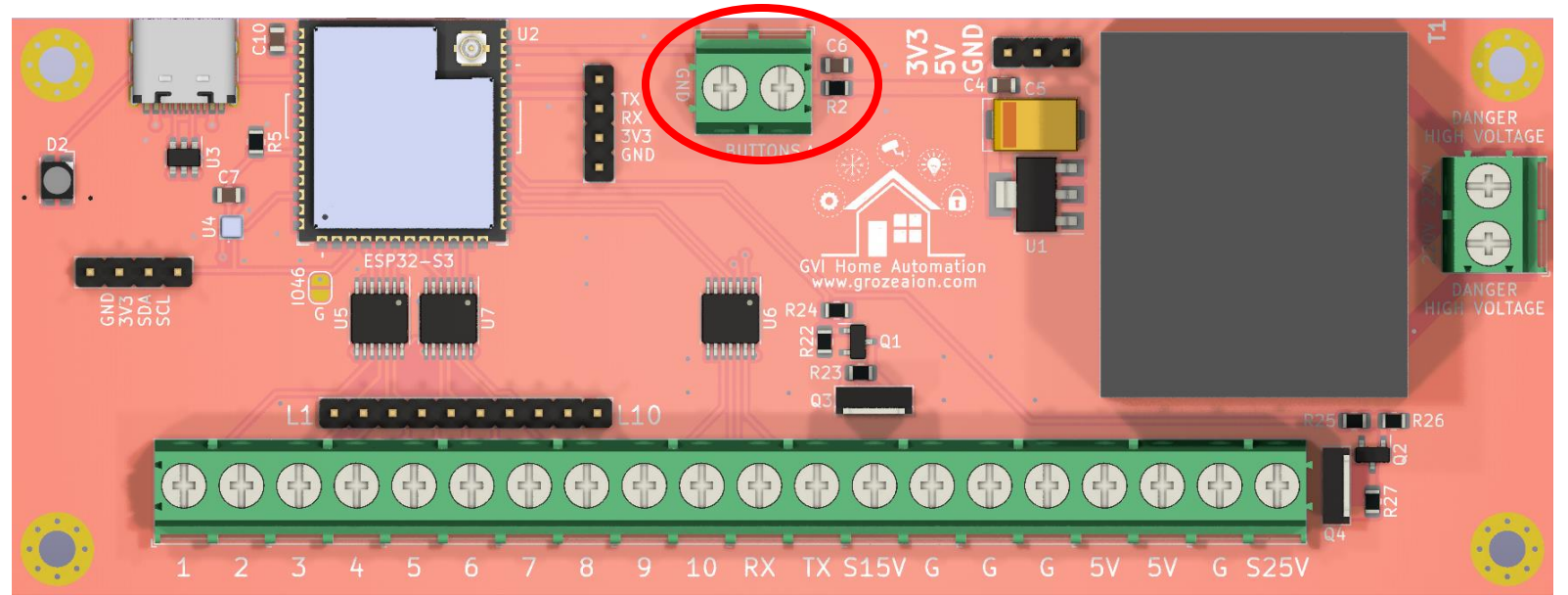
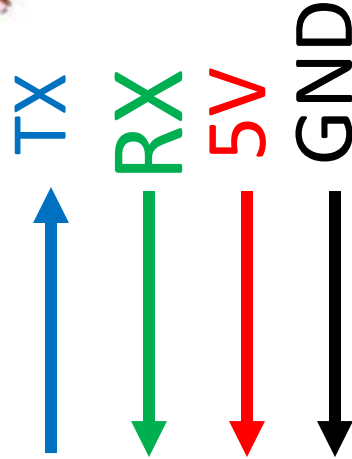
Power supply
HSTNS-PL14
12V 460W

NO/NC 12V Valve

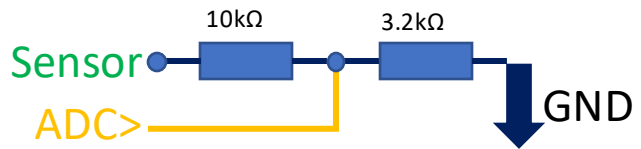
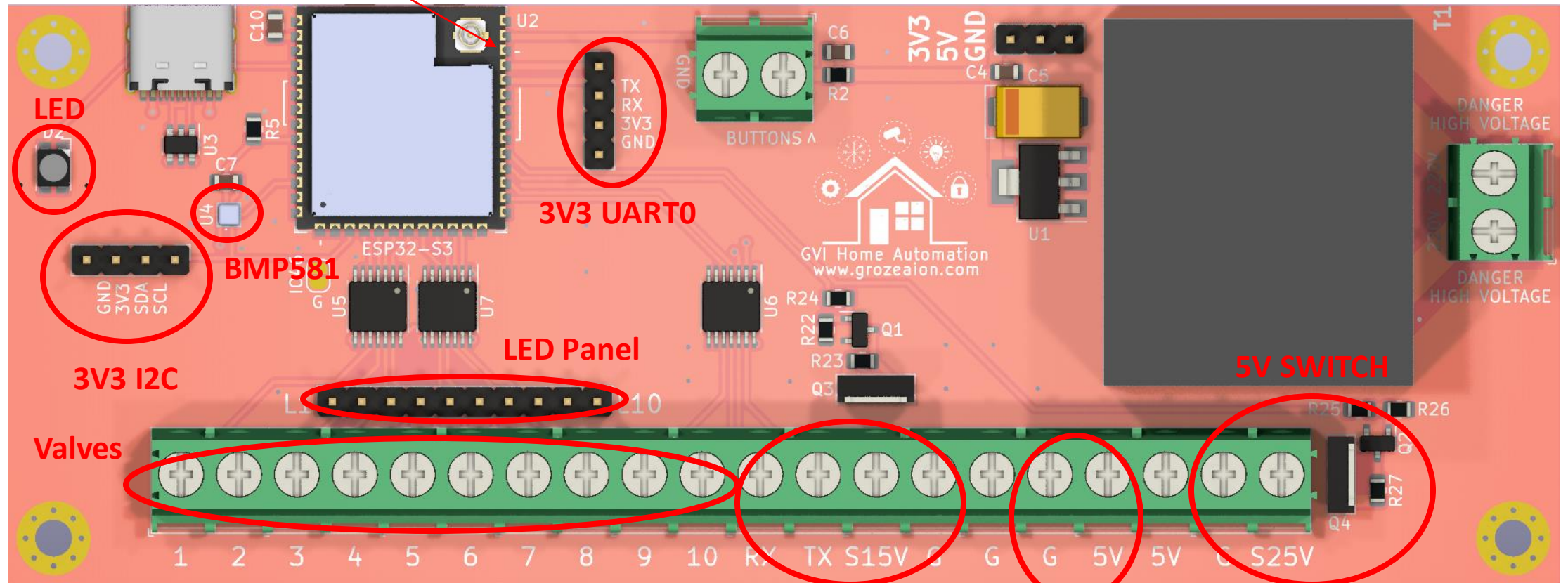
Controller PCB Top



Orange 5V
Blue TX
Green RX
All white GND



Controller PCB Top



Pressure Sensor ADC (Pin 38)

Bar	V Sen	V ESP
0	0.5	0.121212
5	2.5	0.606061
10	4.5	1.090909

