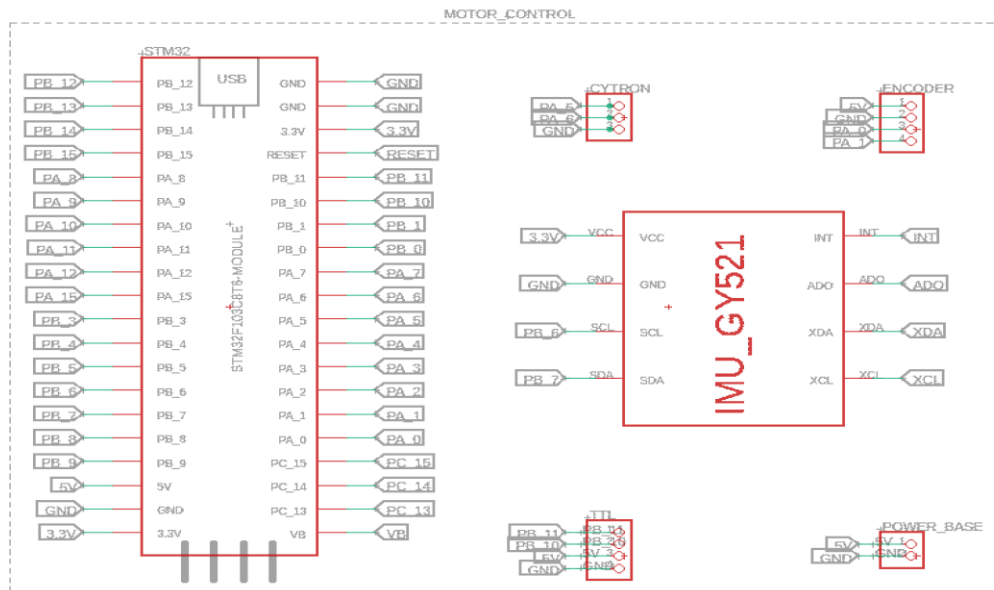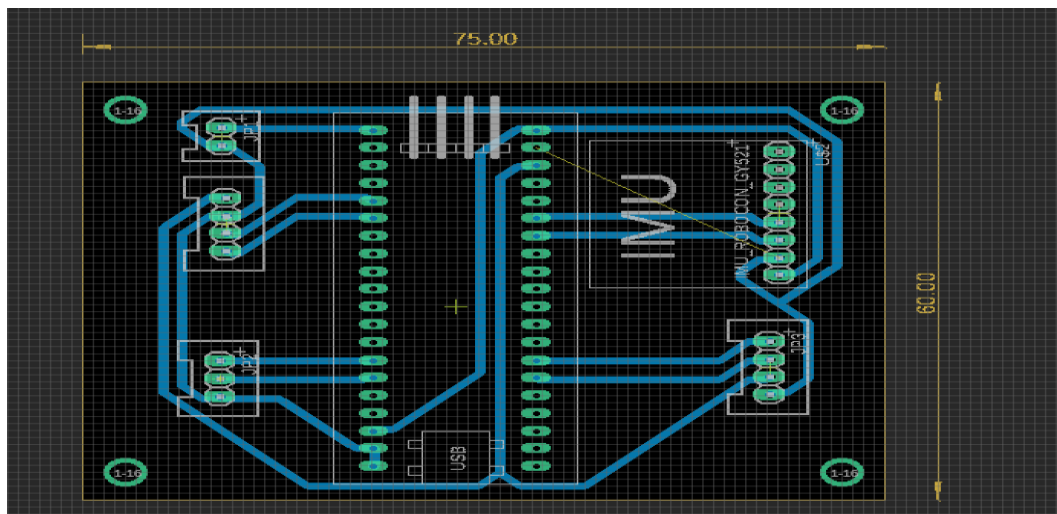# TASK1

OBJECTIVE

Design board with maximum dimension 10cmx10cm, to control motor with citron driver one channel, and some sensors to define motion like IMU and Encoder. Board has connection to peripherals with data cable base.
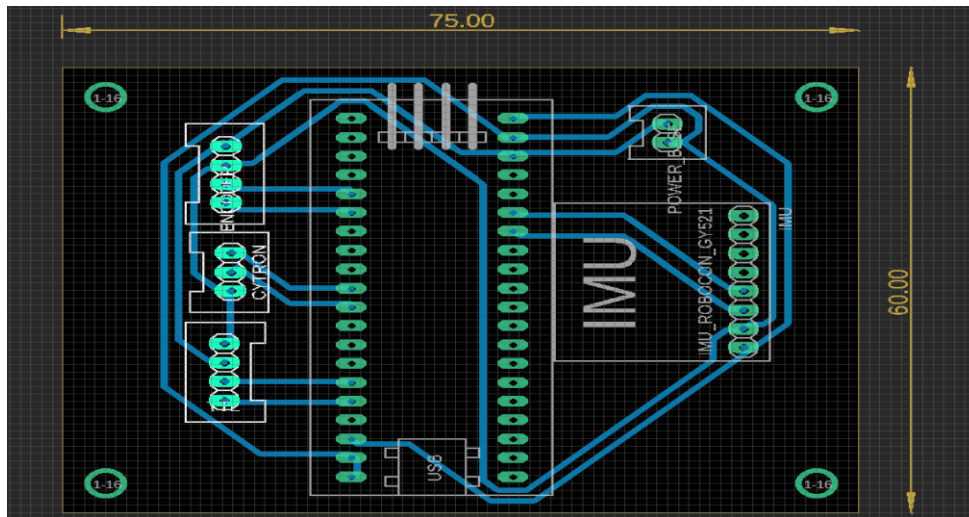
SCHAME

BOARD

UPDATE 25/10/2021

After review the first board with my friend Mohamed Alaa and he told me about my Mistakes.

- I was wired TTL faulty with serial1 and replaced TX with RX.
- I was used digital pin with PWM of CYTRON.

UPDATE 26/10/2021

- Add second TTL for debugging with serial1_version 1&2 has only one TTL_
- Minimize the size of board to 60cmx60cm.