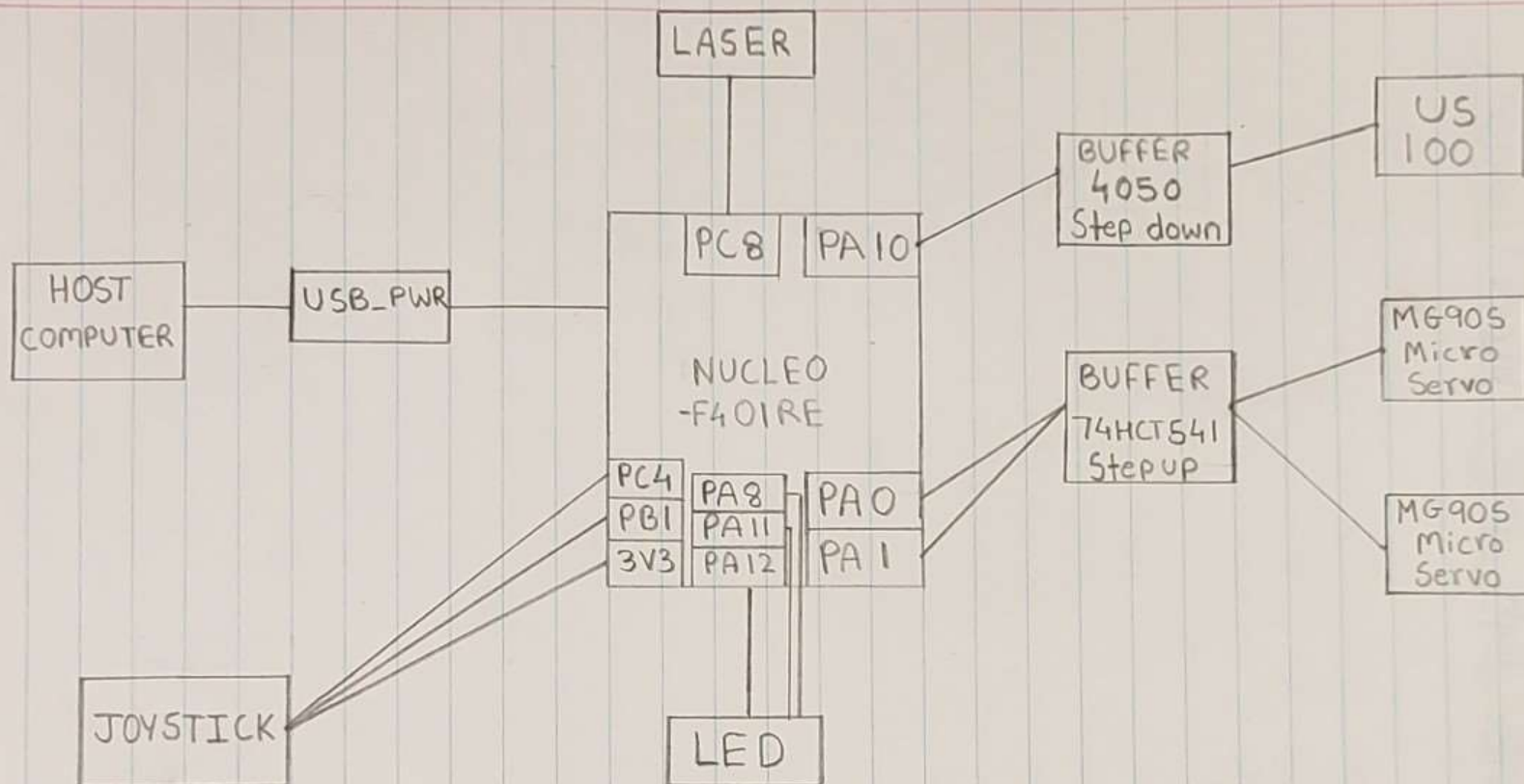


Object-Detecting Gimbal

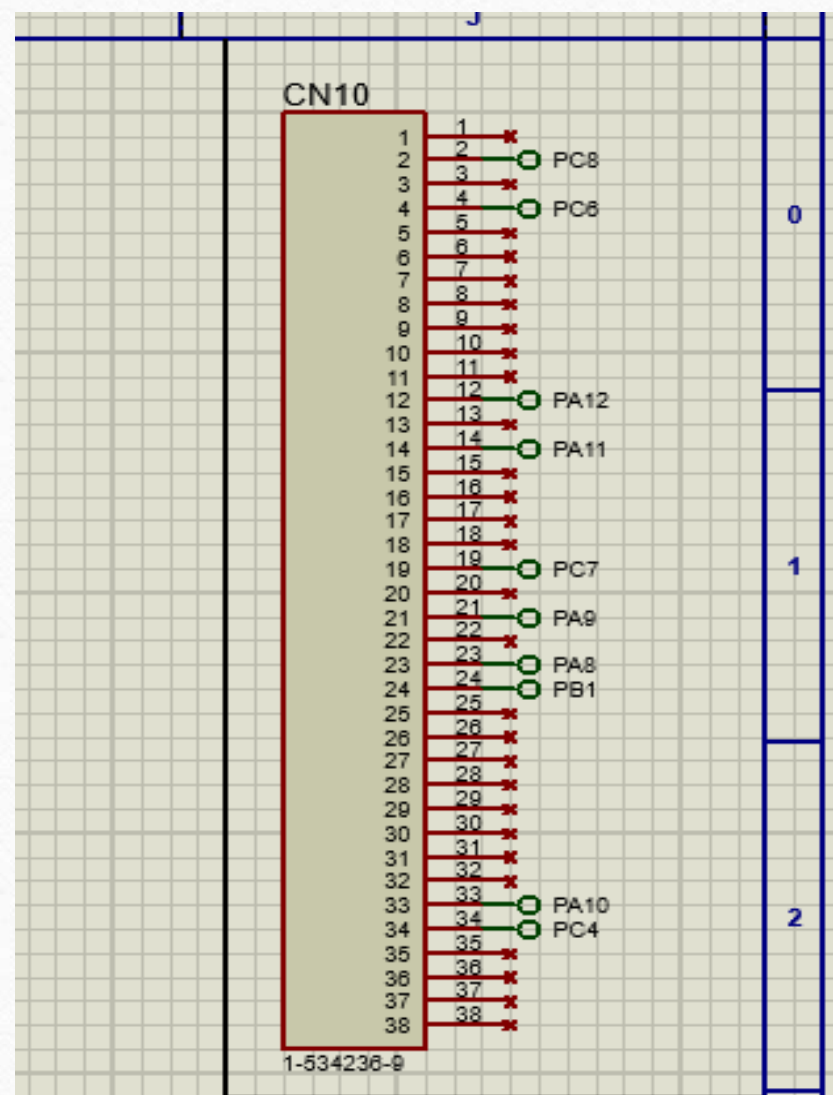
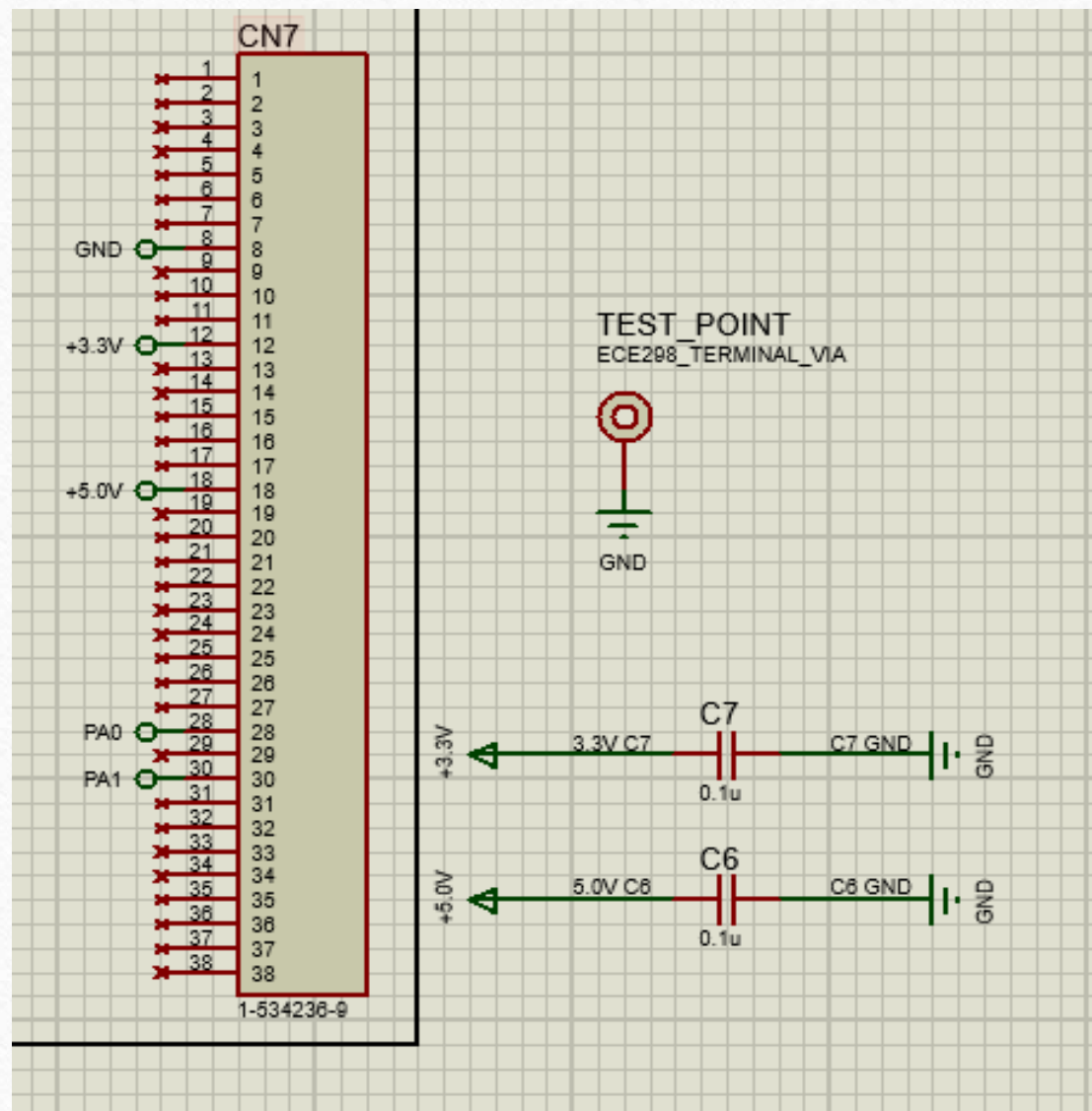
Peter Ra

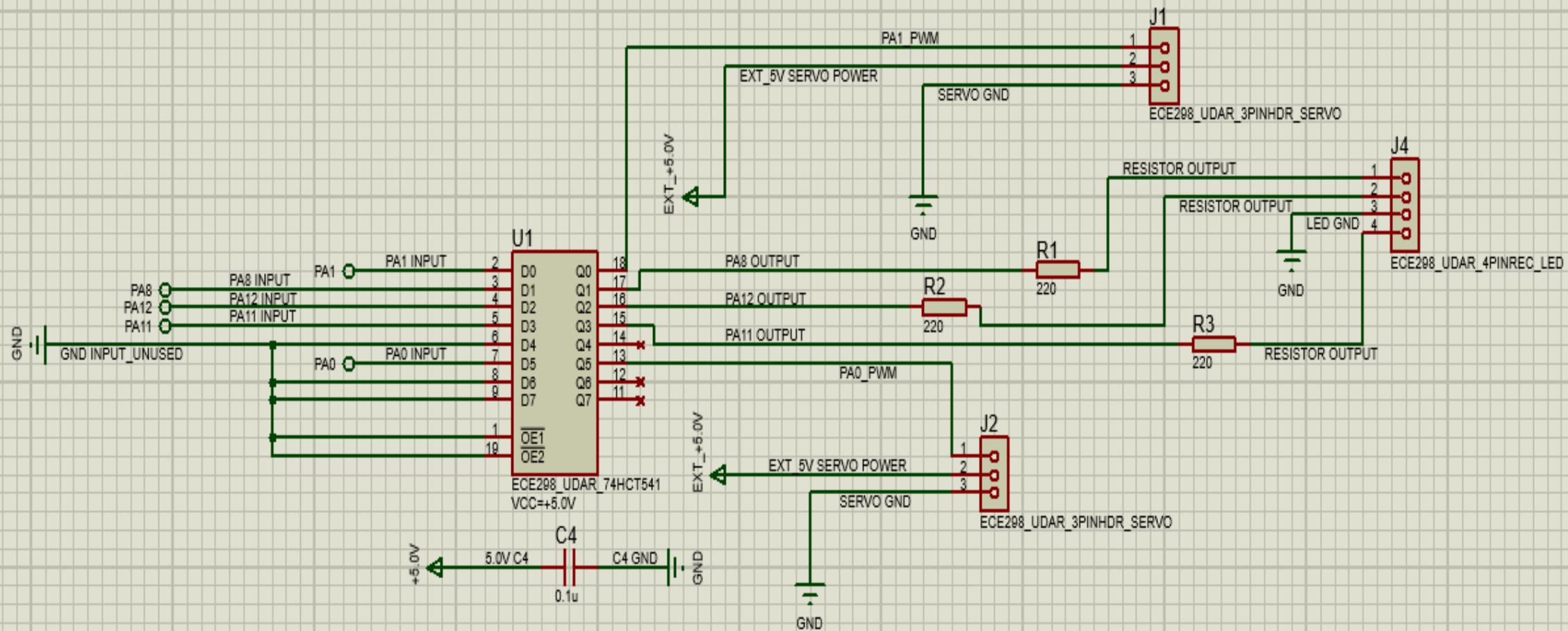
High-level Block Diagram

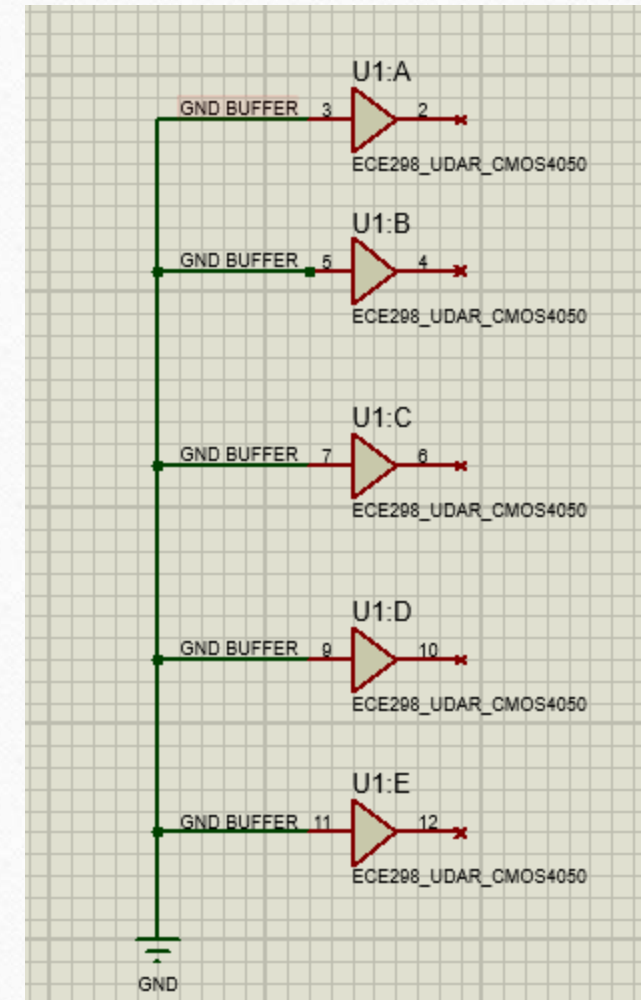
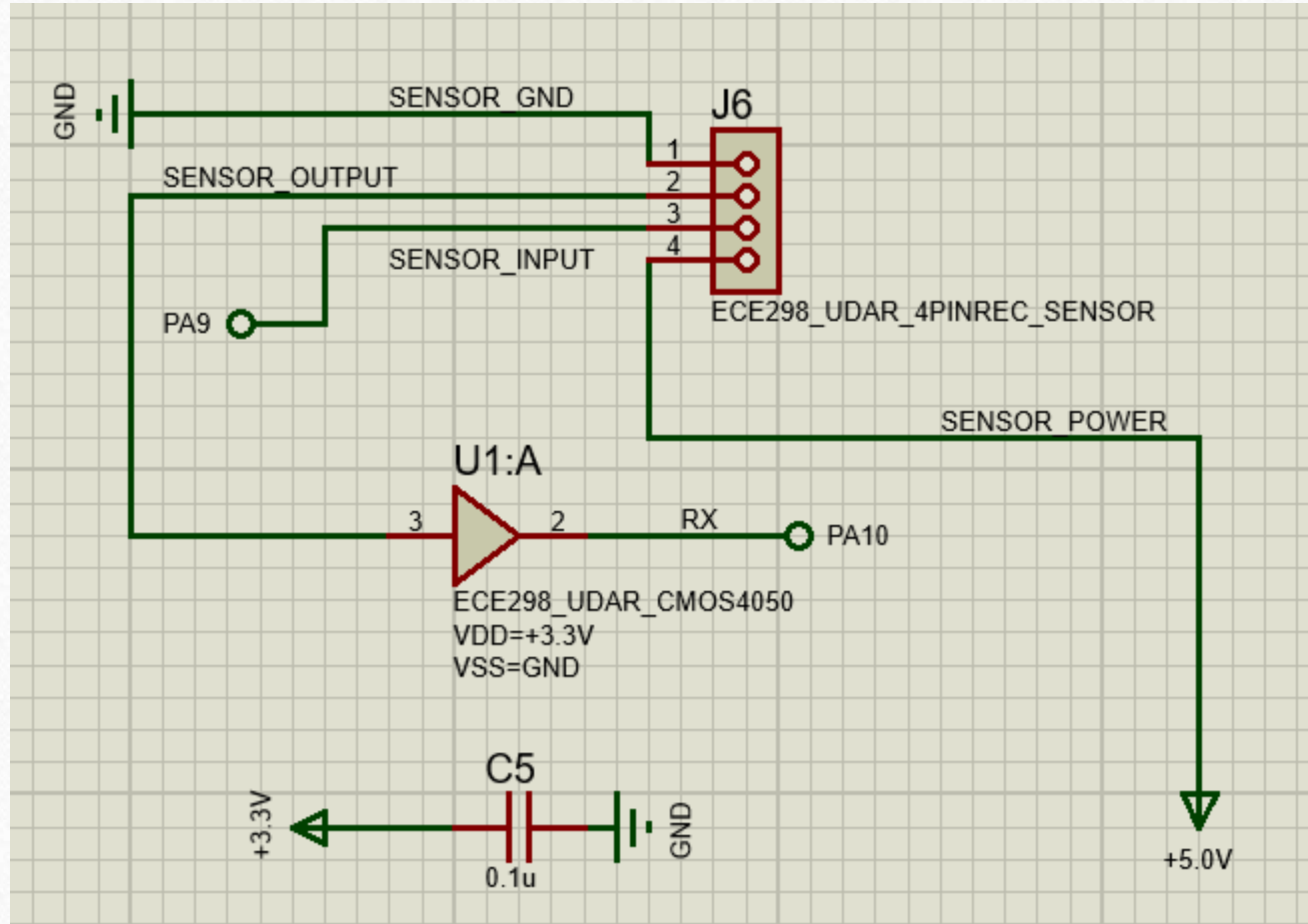
Simple high level Block Diagram

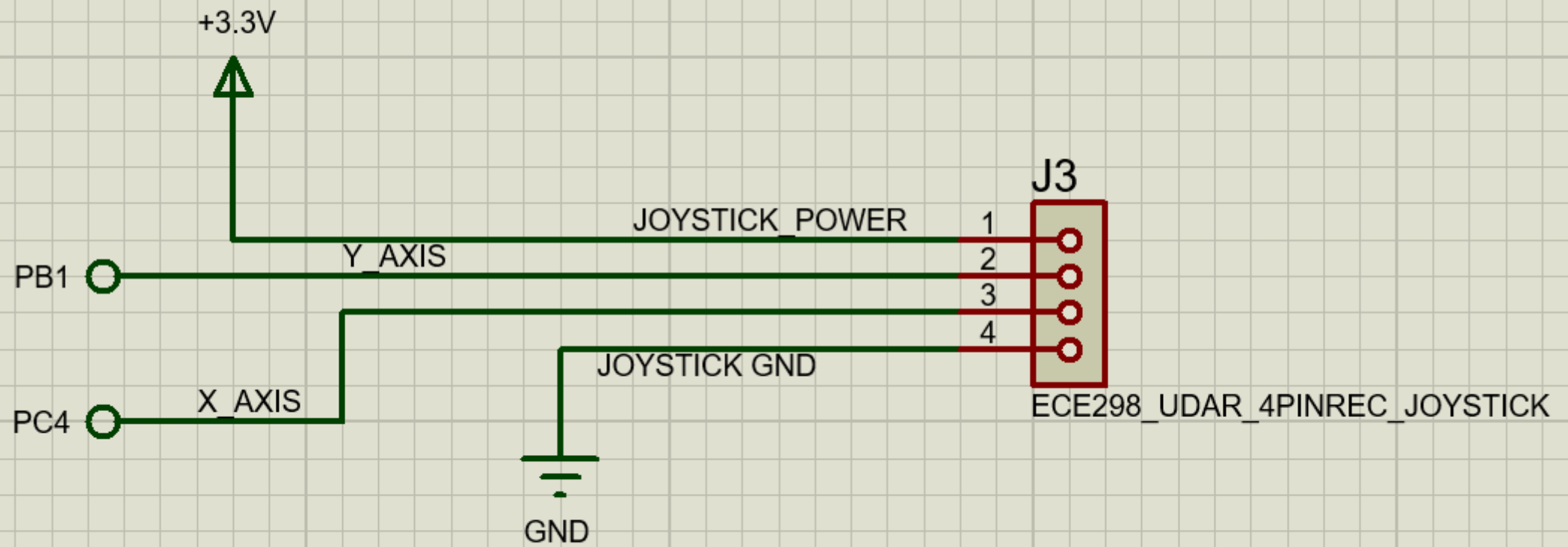


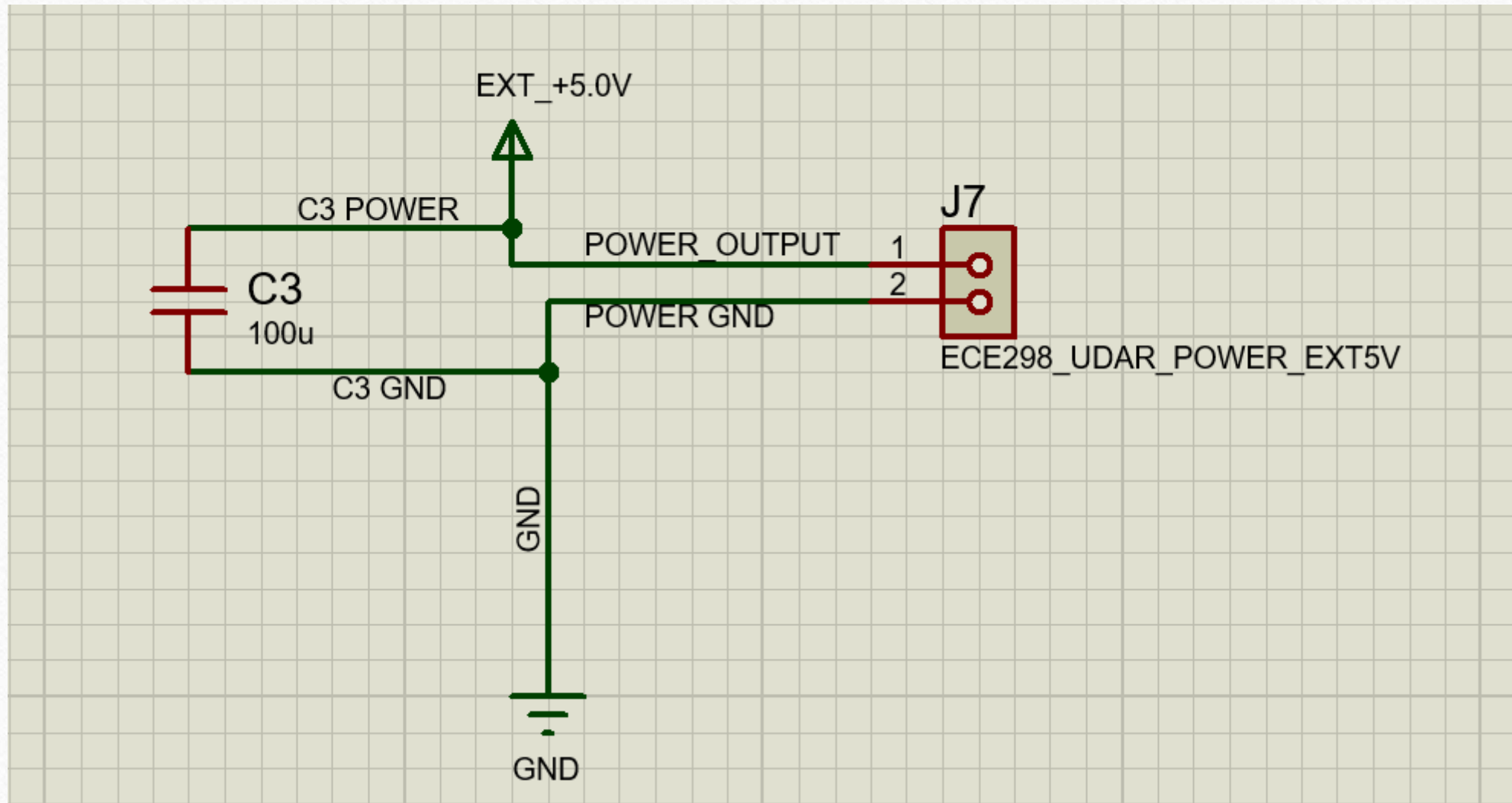
Schematic

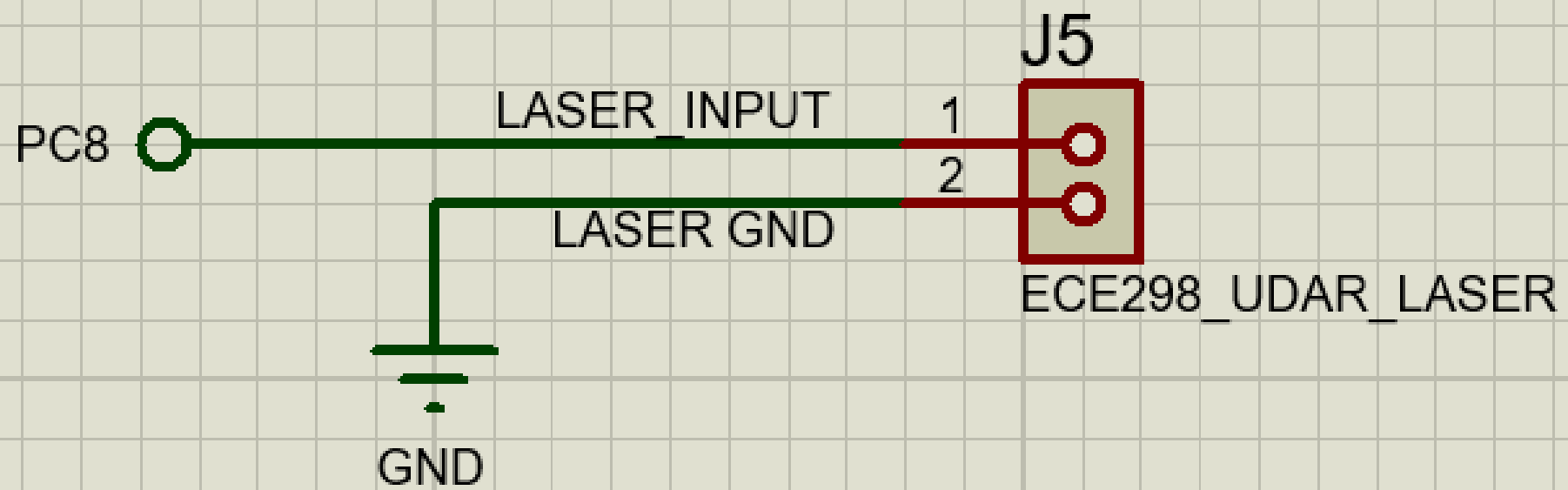


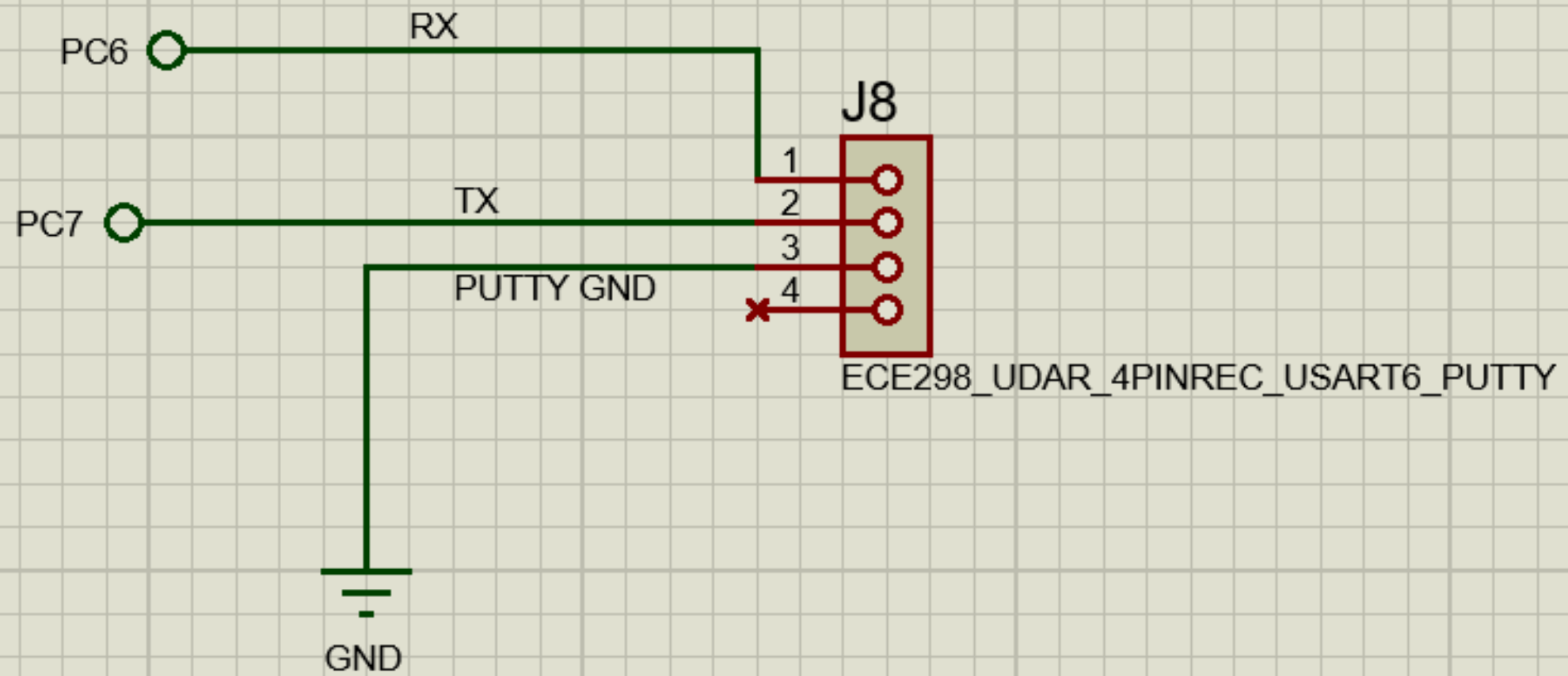




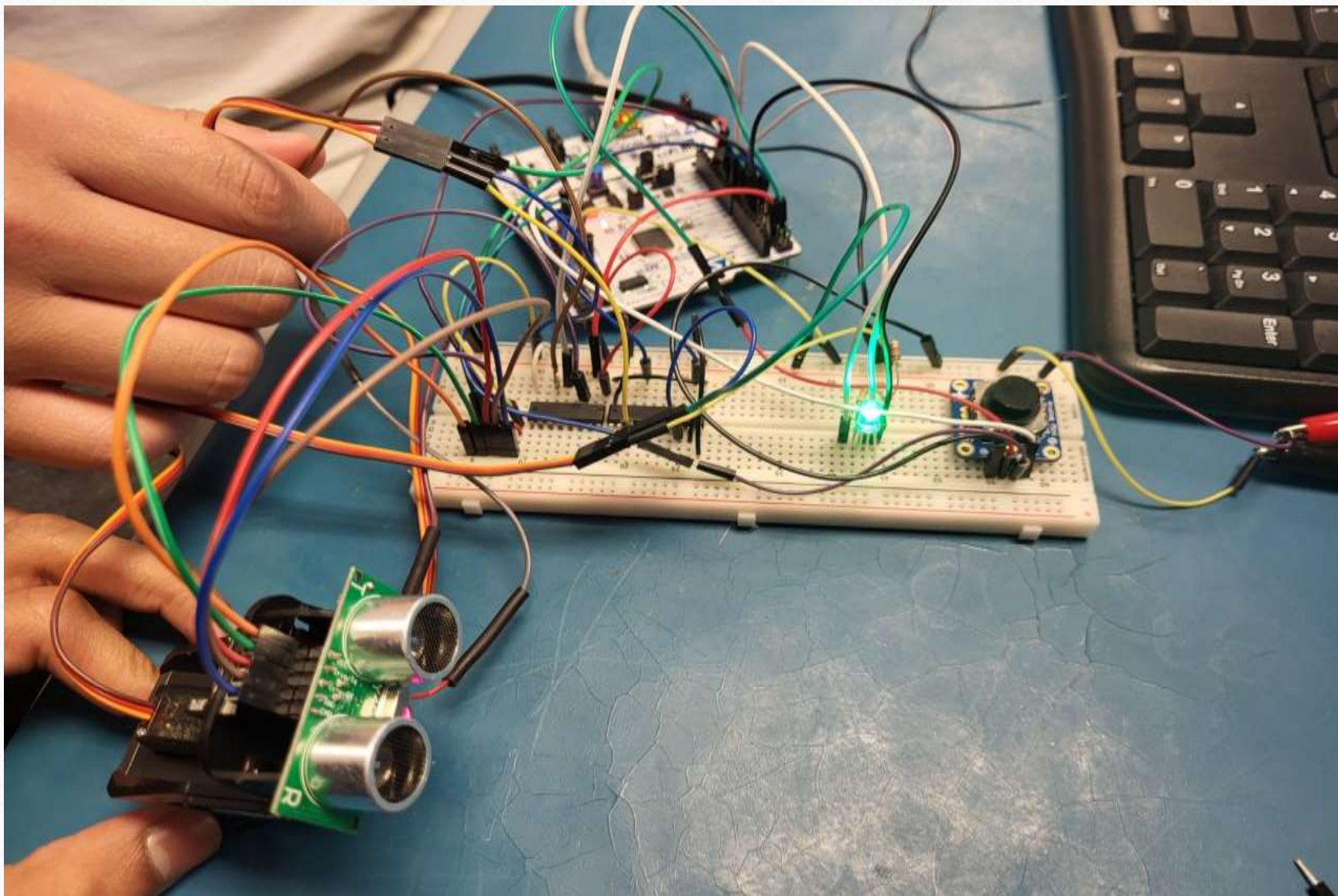


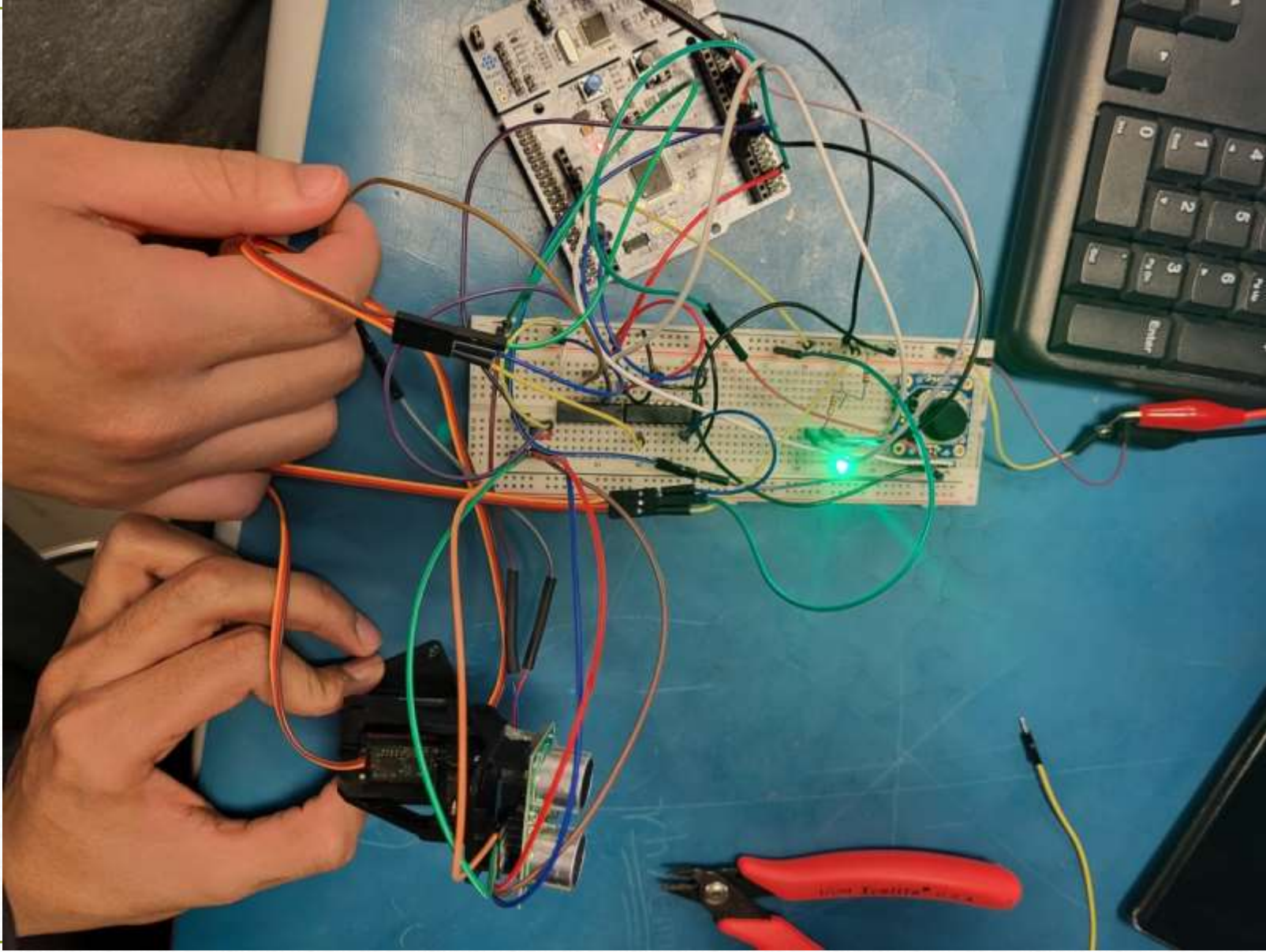






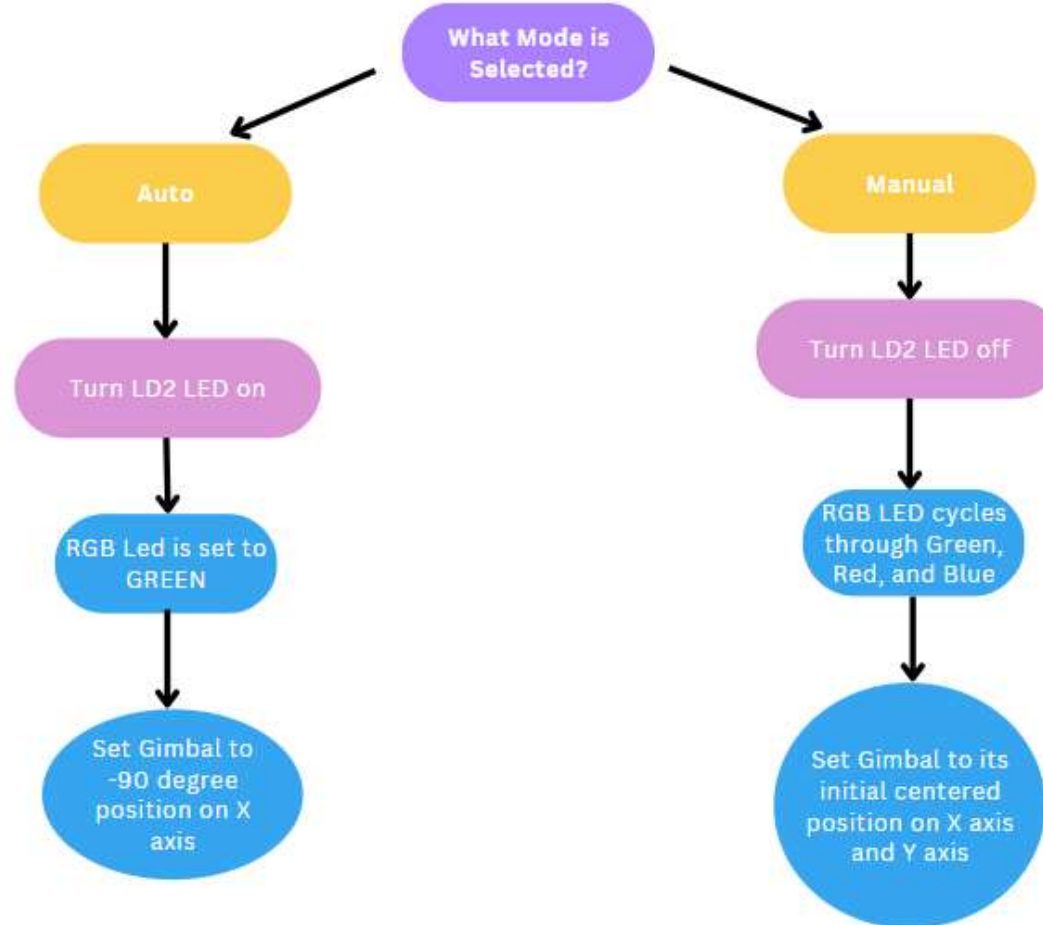
Breadboard Design

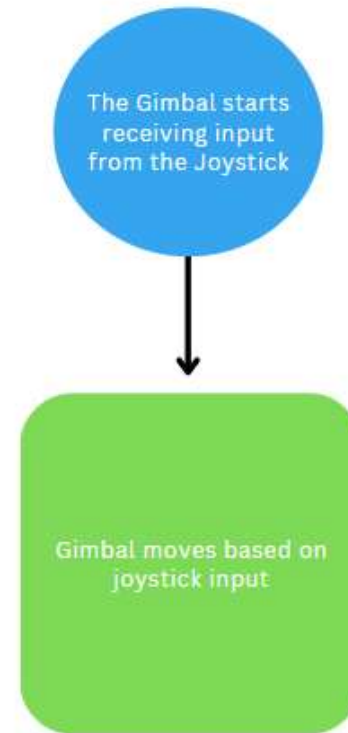
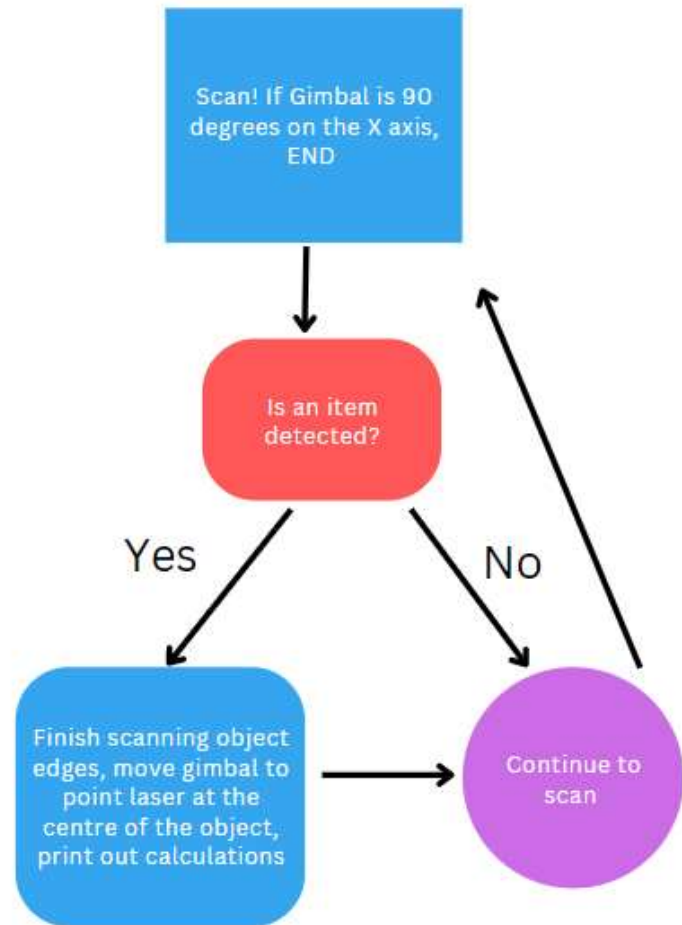




Software Flow Chart

Software Flow Chart





Final Feasibility Results

Object, Centre Bearing in Degrees, US100 Distance in mm, Calculated
Arctan of Object Angular Width

1, -57, 855, 18
2, 39, 751, 11

VS

WEDNESDAY & THURSDAY TARGET OBJECTS:

1	-60	840	5
2	+30	902	3

The End