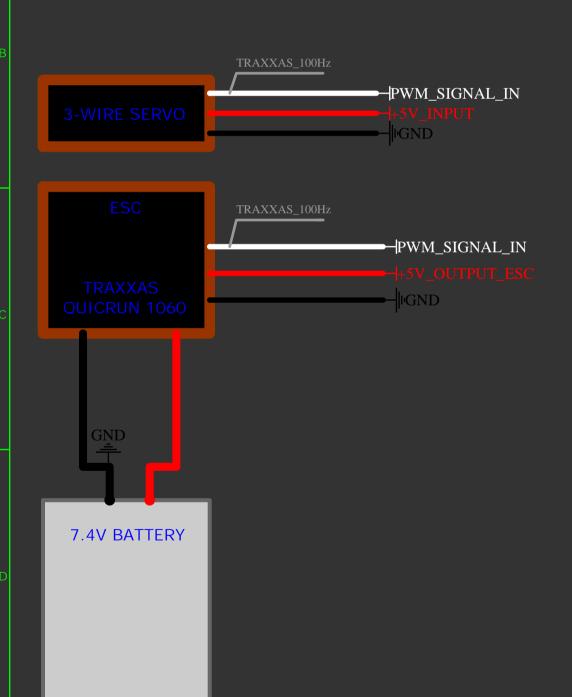
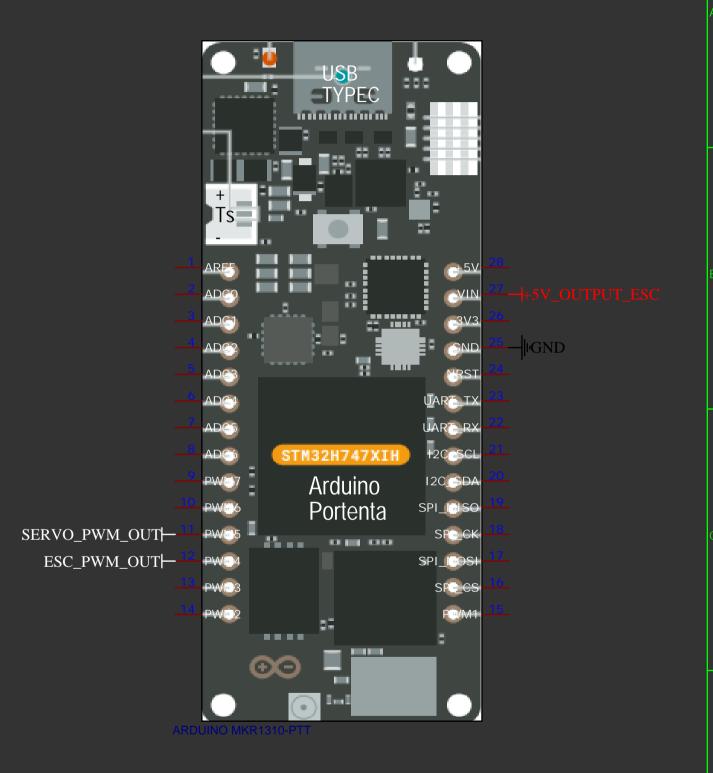
## NOTES:

PORTENTA AND SERVO NEED TO BE GROUNDED TOGETHER. THIS WILL AFFECT THE SIGNAL IF NOT DONE

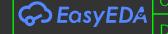
THE SERVO AND PORTENTA CAN BOTH BE POWERED OFF OF THE +5V\_OUTPUT\_ESC. AS THE ESC HAS A BEC (BATTERY ELIMINATOR CIRCUIT). THE SERVO NEEDS ONE OF THESE FOR IT TO OPERATE PROPERLY WITHOUT IT CUTTING IN AND OUT AS THIS CIRCUIT ALLOWS FOR A CONTINUOUS CURRENT DRAW WITH NO VOLTAGE DROPS WHEN THE SERVO COMES UNDER HIGH LOAD.

FOR BETTER PERFORMANCE POWER PORTENTA SEPARATELY.





PORTENTA ML CAR WIRE UP ESC REV: 1.0



Company: GEARBOTS

2023-08-31 Drawn By: Darth\_Vader96