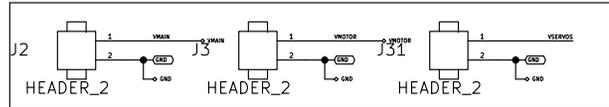
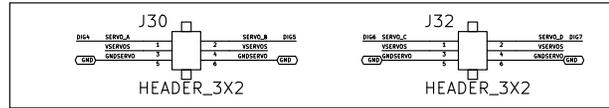


MOTOR



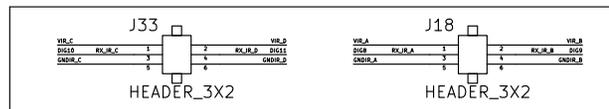
SUPPLY



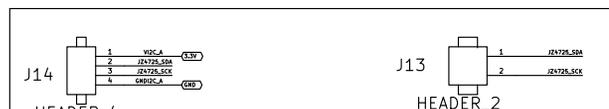
SERVOS



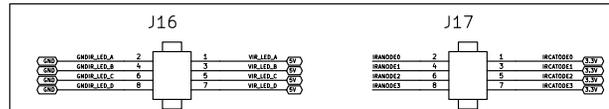
UART (GPS/ultrasonic)



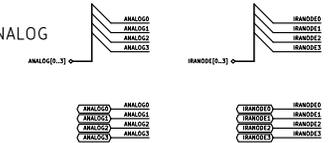
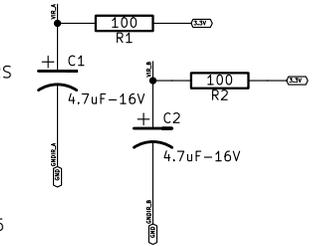
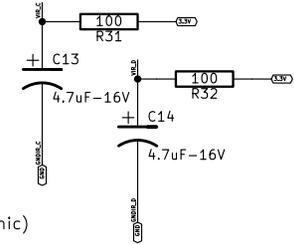
IR RECEIVERS

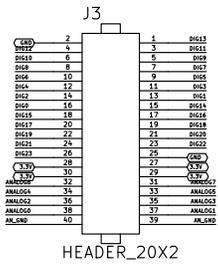


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IR ANALOG

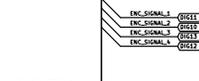




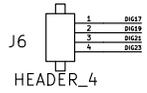
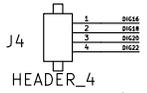
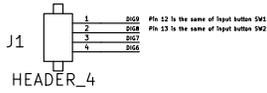
TO H-BRIDGE CONTROL PINS



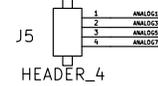
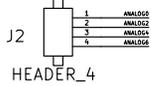
FROM ENCODER SIGNALS



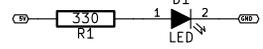
FREE DIGITAL PINS (12 ... 23)



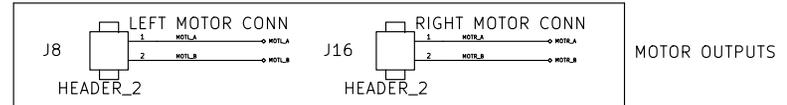
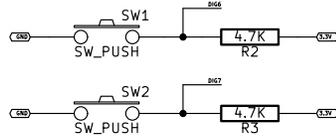
ALL ANALOG PINS (0 ... 7)



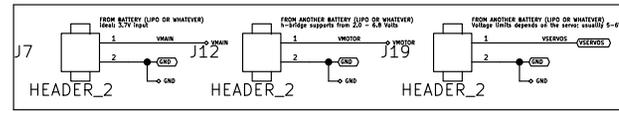
POWER LED



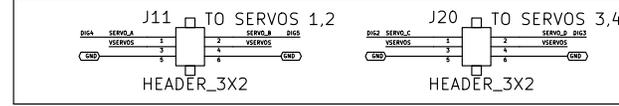
DIGITAL INPUT BUTTONS



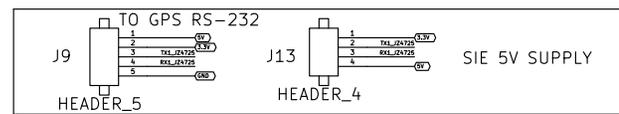
MOTOR OUTPUTS



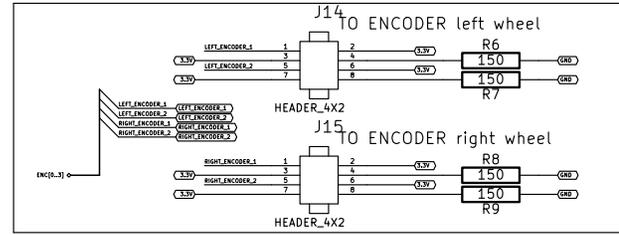
SUPPLY



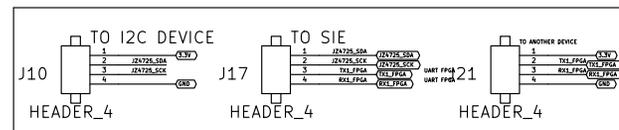
SERVOS



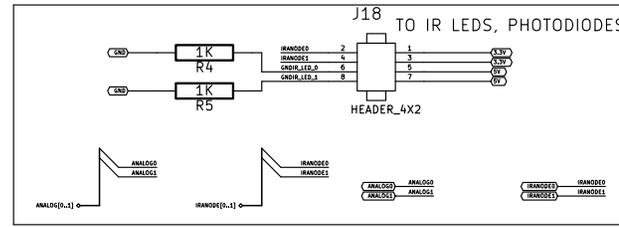
UART (GPS/ultrasonic) SUPPLY TO SIE (5V)



ENCODERS



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IR ANALOG