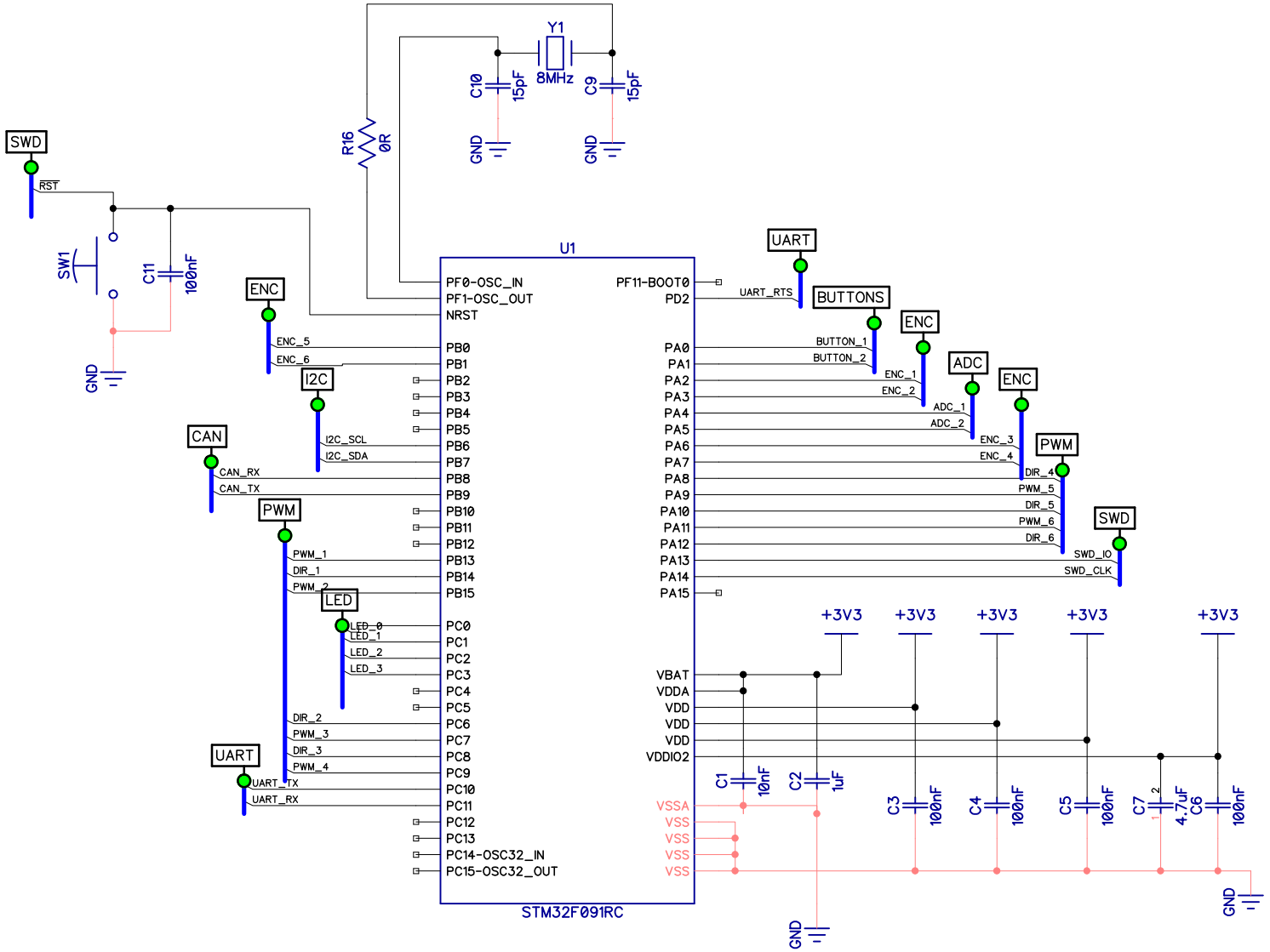

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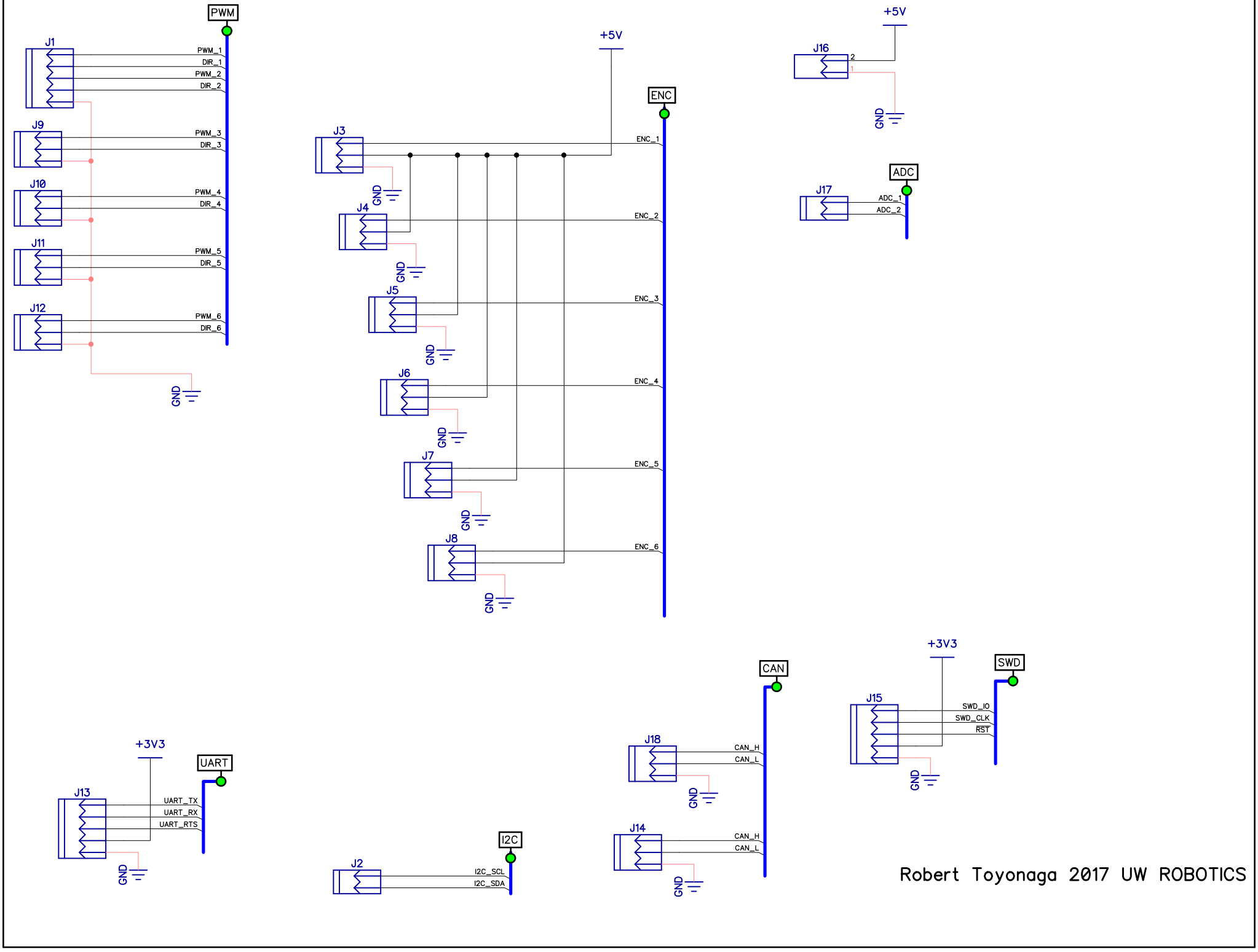
PWM
J1
PWM_1
DIR_1
PWM_2
DIR_2
J9
PWM_3
DIR_3
J10
PWM_4
DIR_4
J11
PWM_5
DIR_5
J12
PWM_6
DIR_6
GND
+5V
ENC
J3
ENC_1
GND
J4
ENC_2
GND
J5
ENC_3
GND
J6
ENC_4
GND
J7
ENC_5
GND
J8
ENC_6
GND
+5V
J16
2
1
GND
ADC
J17
ADC_1
ADC_2
+3V3
UART
J13
UART_TX
UART_RX
UART_RTS
GND
I2C
J2
I2C_SCL
I2C_SDA
CAN
J18
CAN_H
CAN_L
GND
J14
CAN_H
CAN_L
GND
+3V3
SWD
J15
SWD_IO
SWD_CLK
RST
GND
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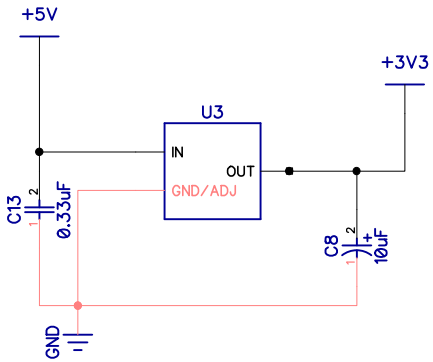

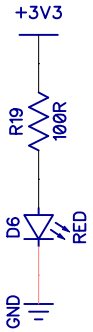

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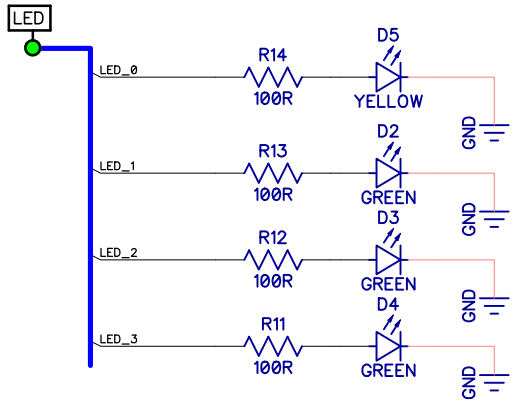
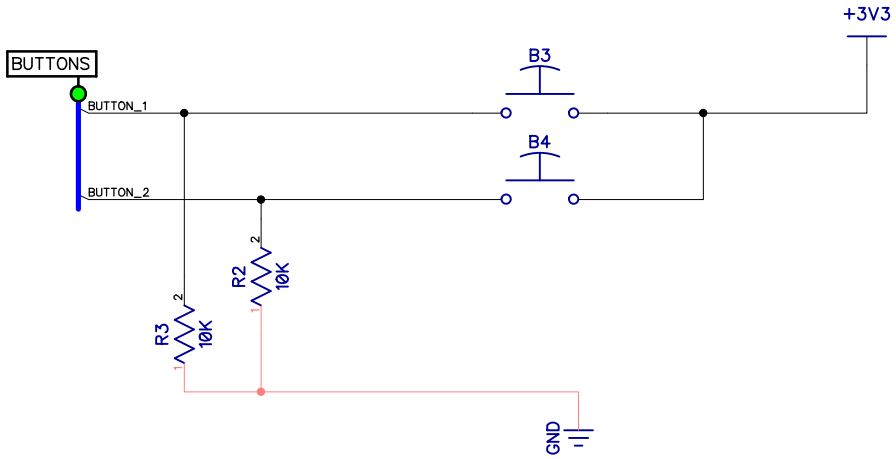
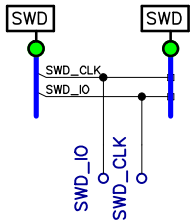
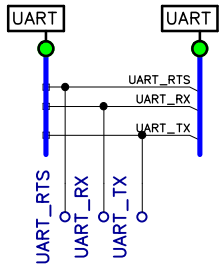
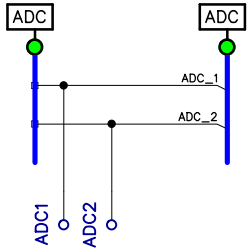
LED circuits

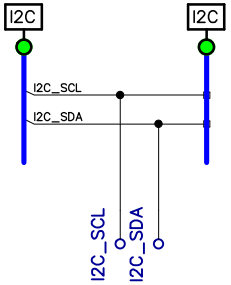












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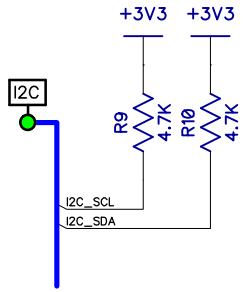
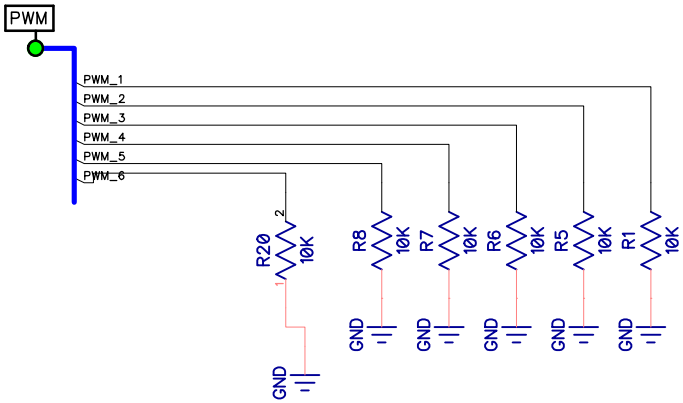
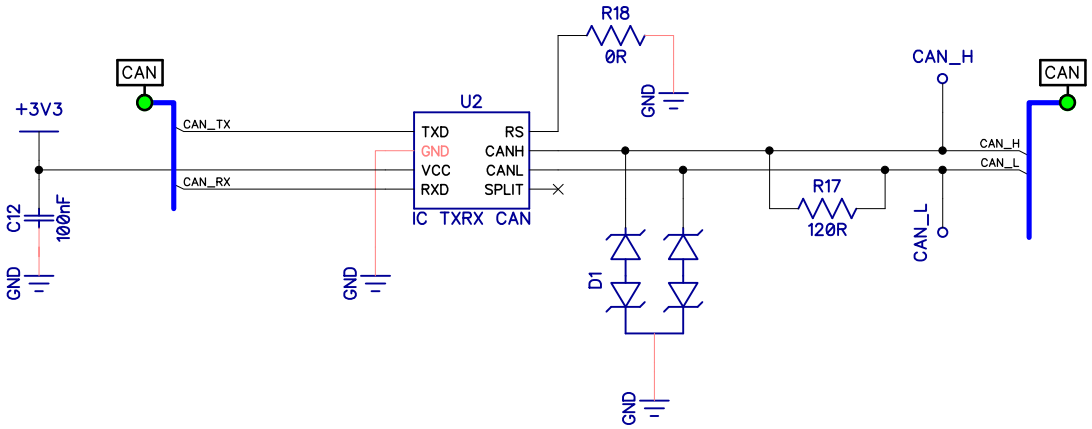
I2C pull-ups



PWM pull-downs



CAN



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