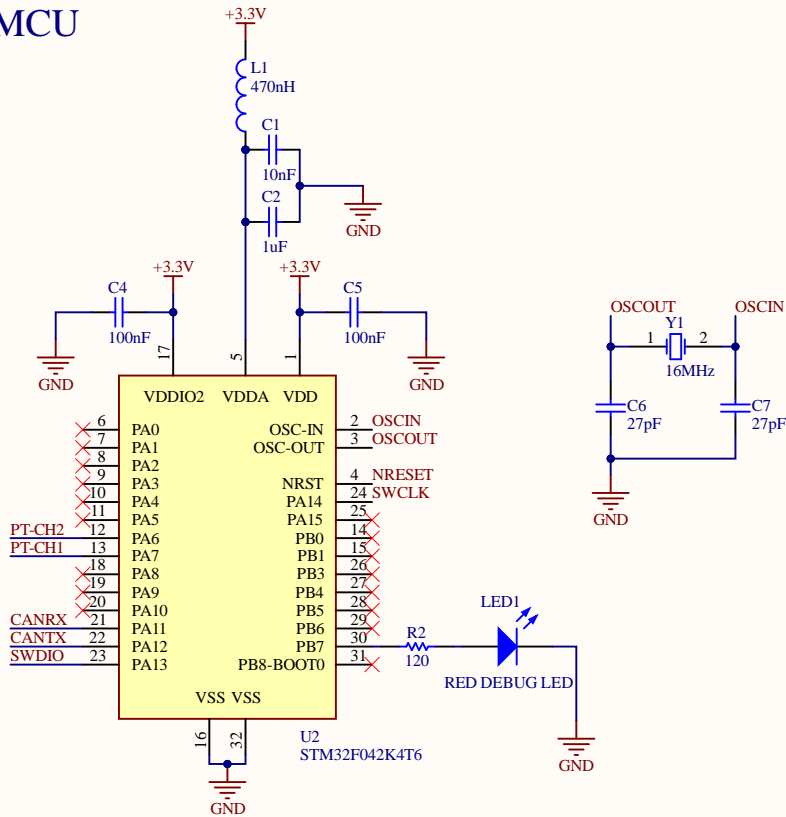
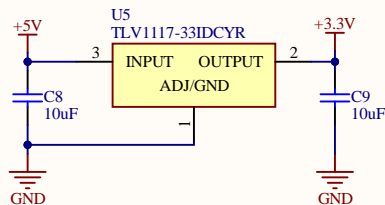


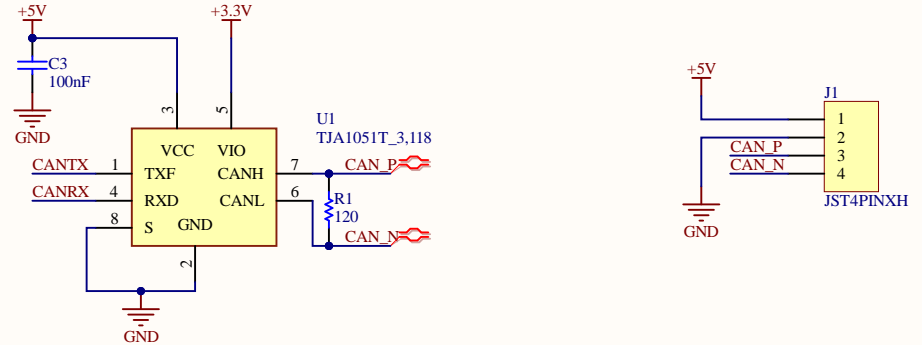
MCU



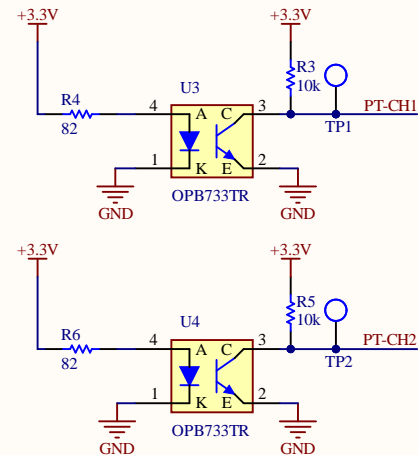
LDO (5V->3.3V)



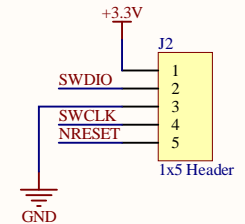
CAN Transceiver



Phototransistor

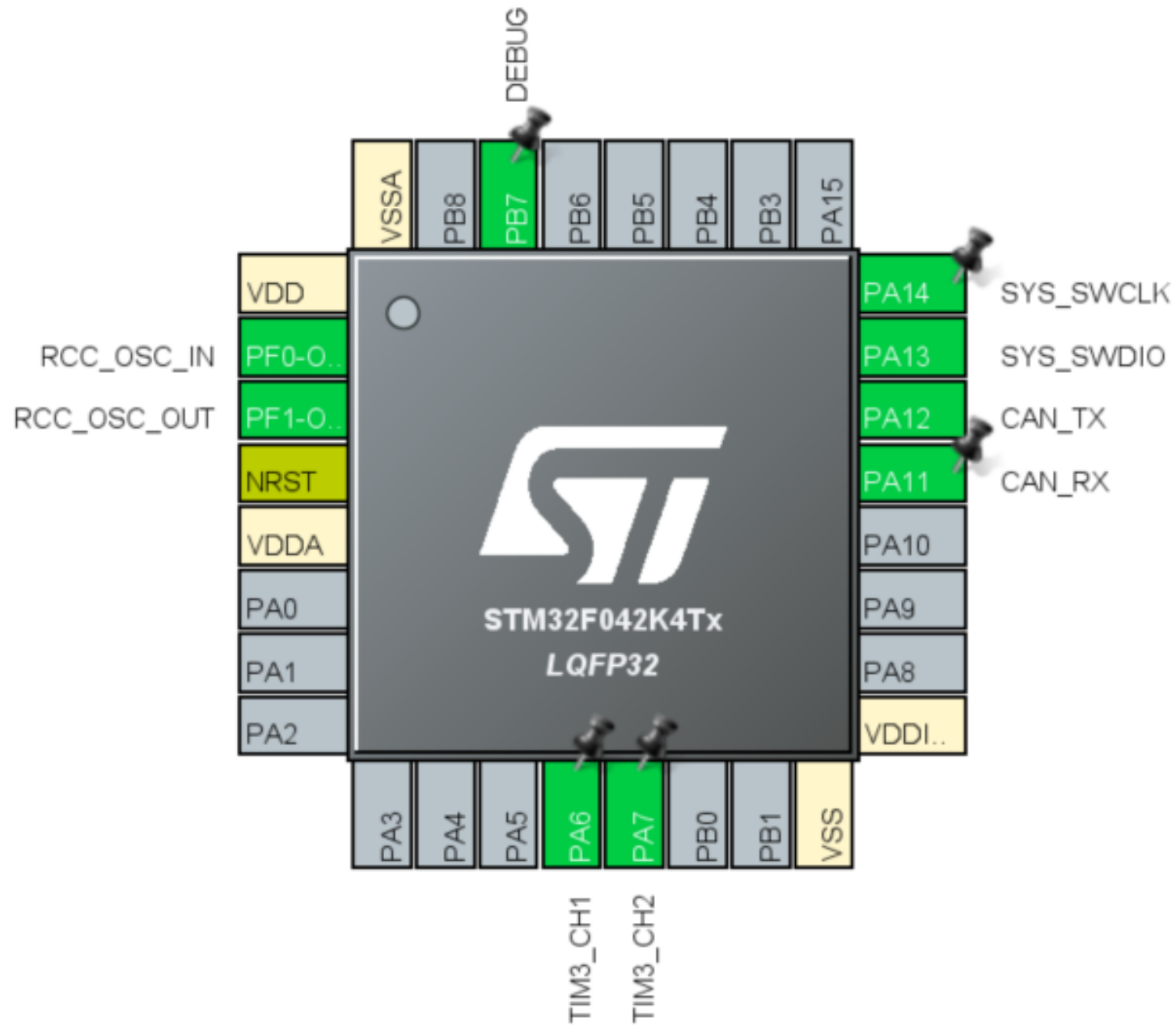


Connector

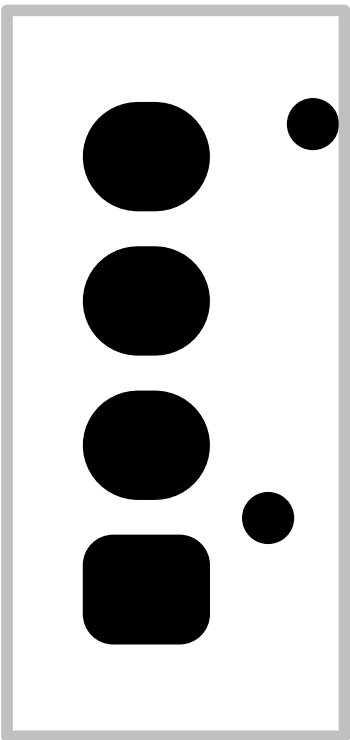


Title: **Yamper: Optical Ring Encoder Board**
 Size: **A4** Author: **Allen Zhang and Jennifer Chen**
 Date: **6/25/2021** Revision: **01** Sheet **1** of **1**
 File: **Yamper.SchDoc**

WATERLOOP



J1



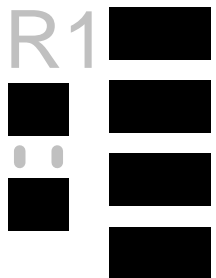
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C8



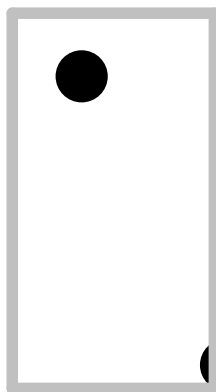
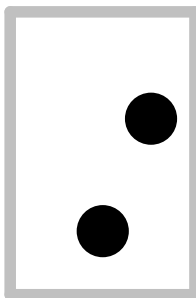
YAMPER

U1



U5

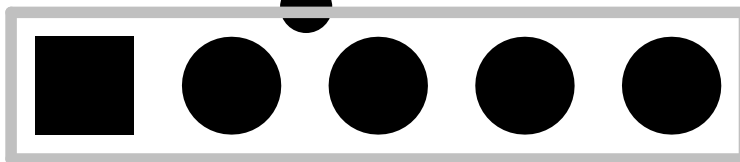
C3



C9

J2

1



R3



C4 U2



R2



LED1



CH1



CH2



R6



R4



R5



R4



C1



L1



C2



C5



C7



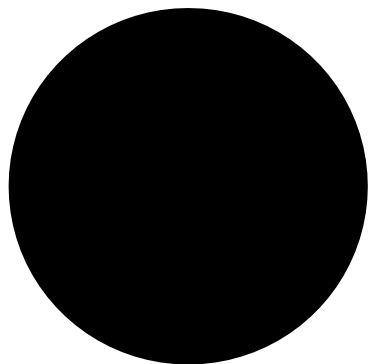
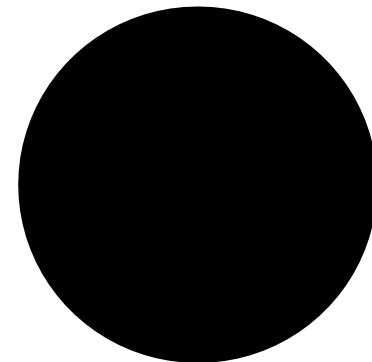
C5

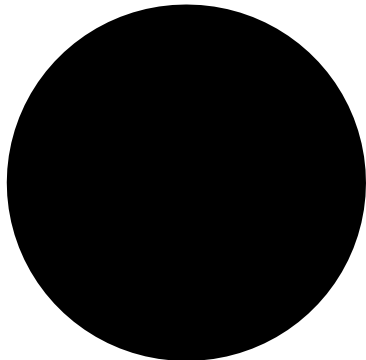


C6

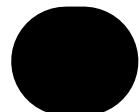
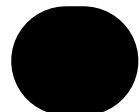
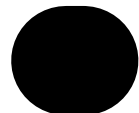


Y1





Jenn C
Allen Z
YuAn C



U4

U3

