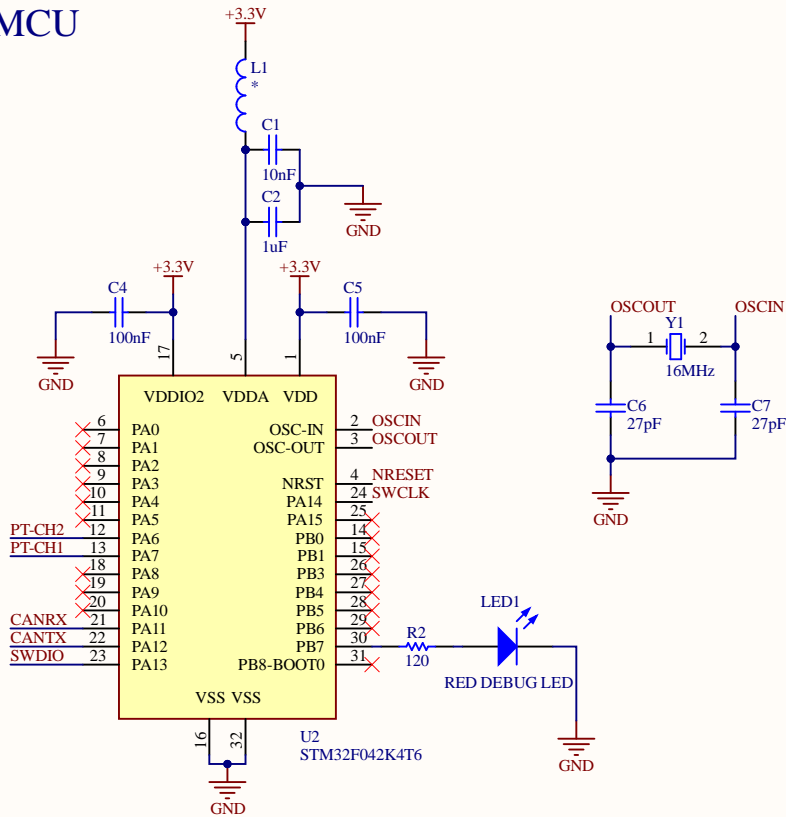
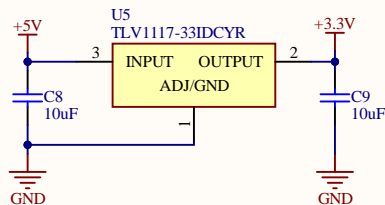


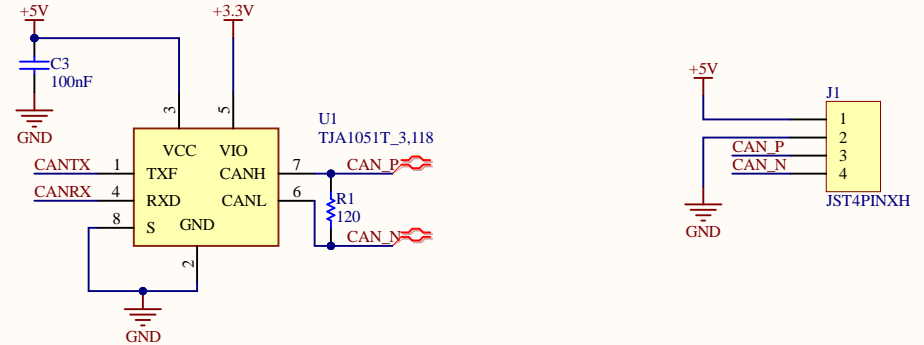
MCU



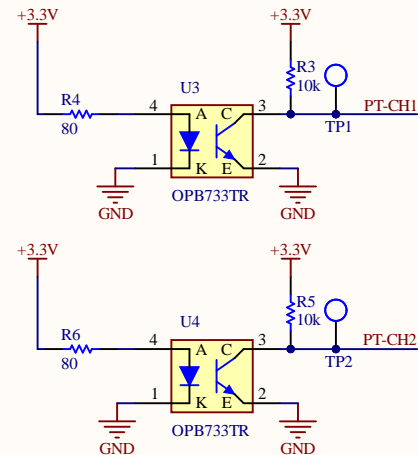
LDO (5V->3.3V)



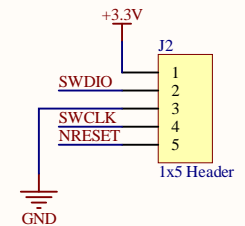
CAN Transceiver



Phototransistor

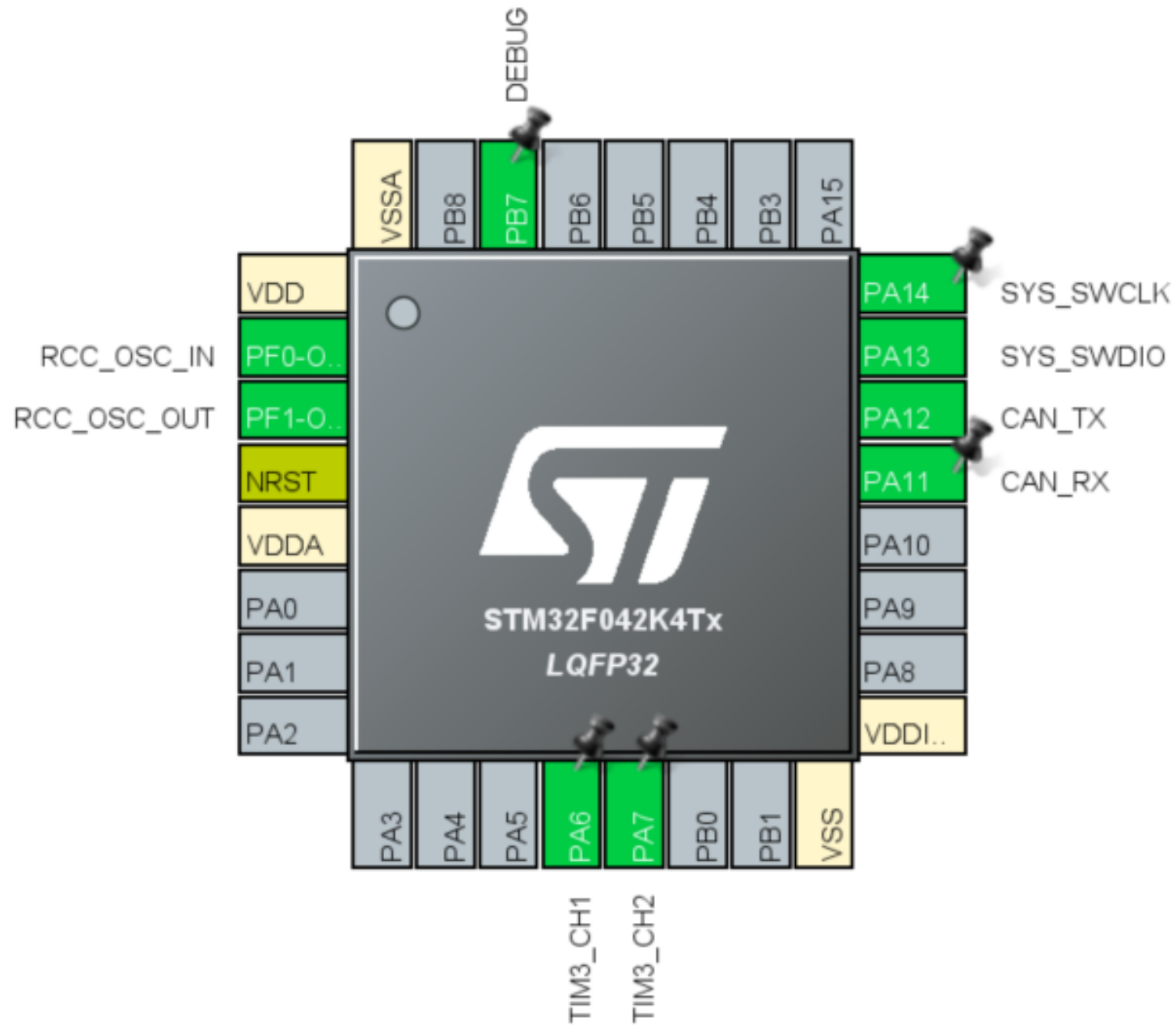


Connector

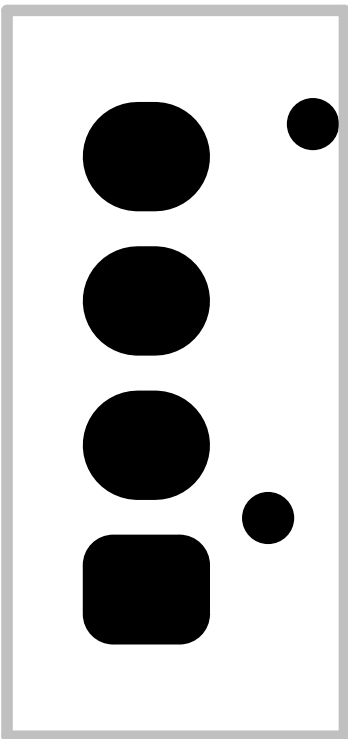


Title: **Yamper: Optical Ring Encoder Board**
 Size: **A4** Author: **Allen Zhang and Jennifer Chen**
 Date: **6/25/2021** Revision: **01** Sheet **1** of **1**
 File: **Yamper.SchDoc**

WATERLOOP



J1



1

C8



YAMPER

U1

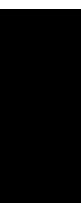
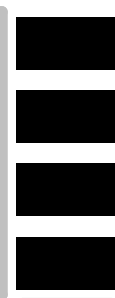
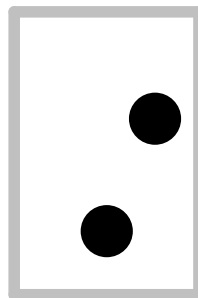
R1



U5



C3

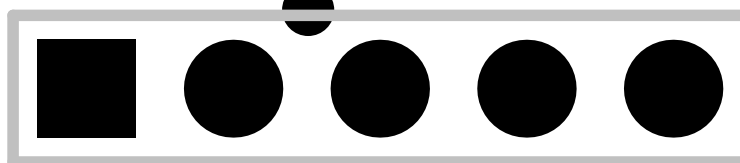


C9



J2

1



R3



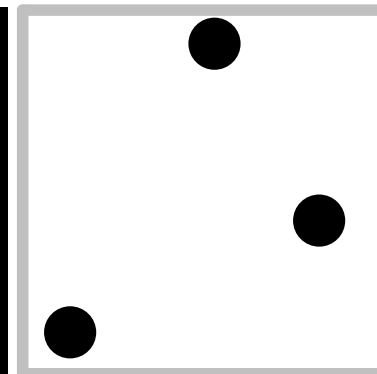
C4



LED1



R2



U2



R6



R4



R5



CH1



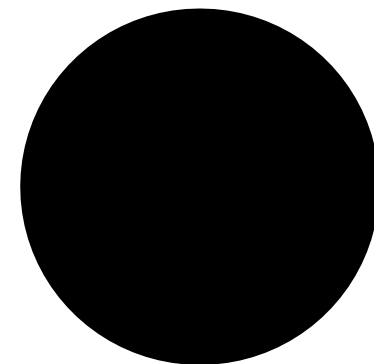
CH2



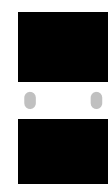
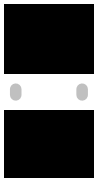
R5



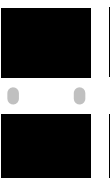
Y1



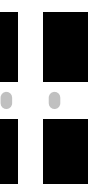
C1

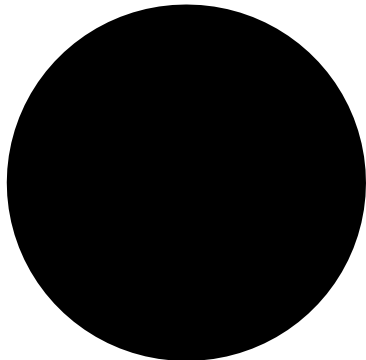


L1

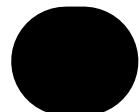
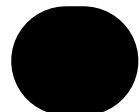
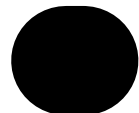


C2





Jenn C
Allen Z
YuAn C



U4

U3

