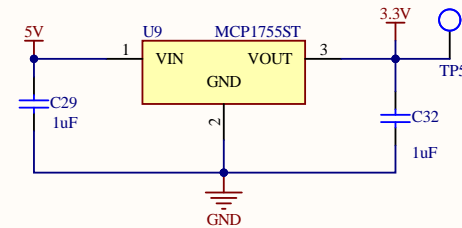
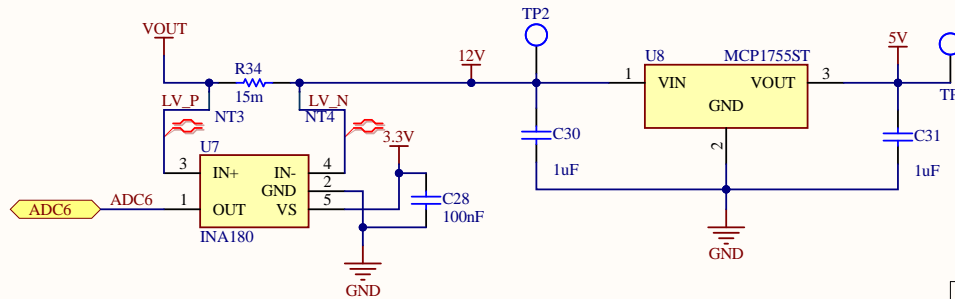
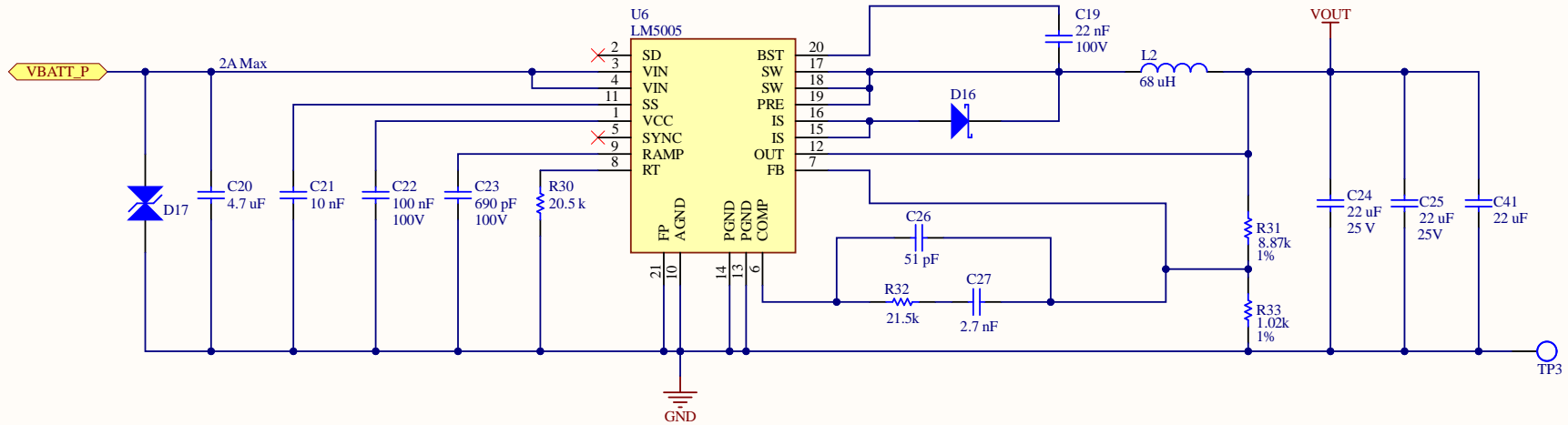
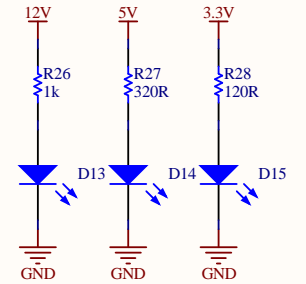
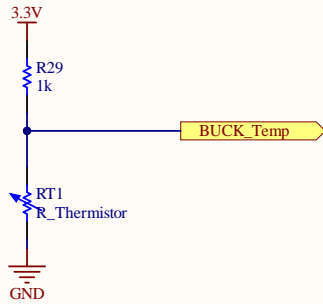


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Size: A4	Author: *		
Date: 12/28/2021	Revision: *	Sheet 1 of 5	
File: master_schematic.SchDoc			

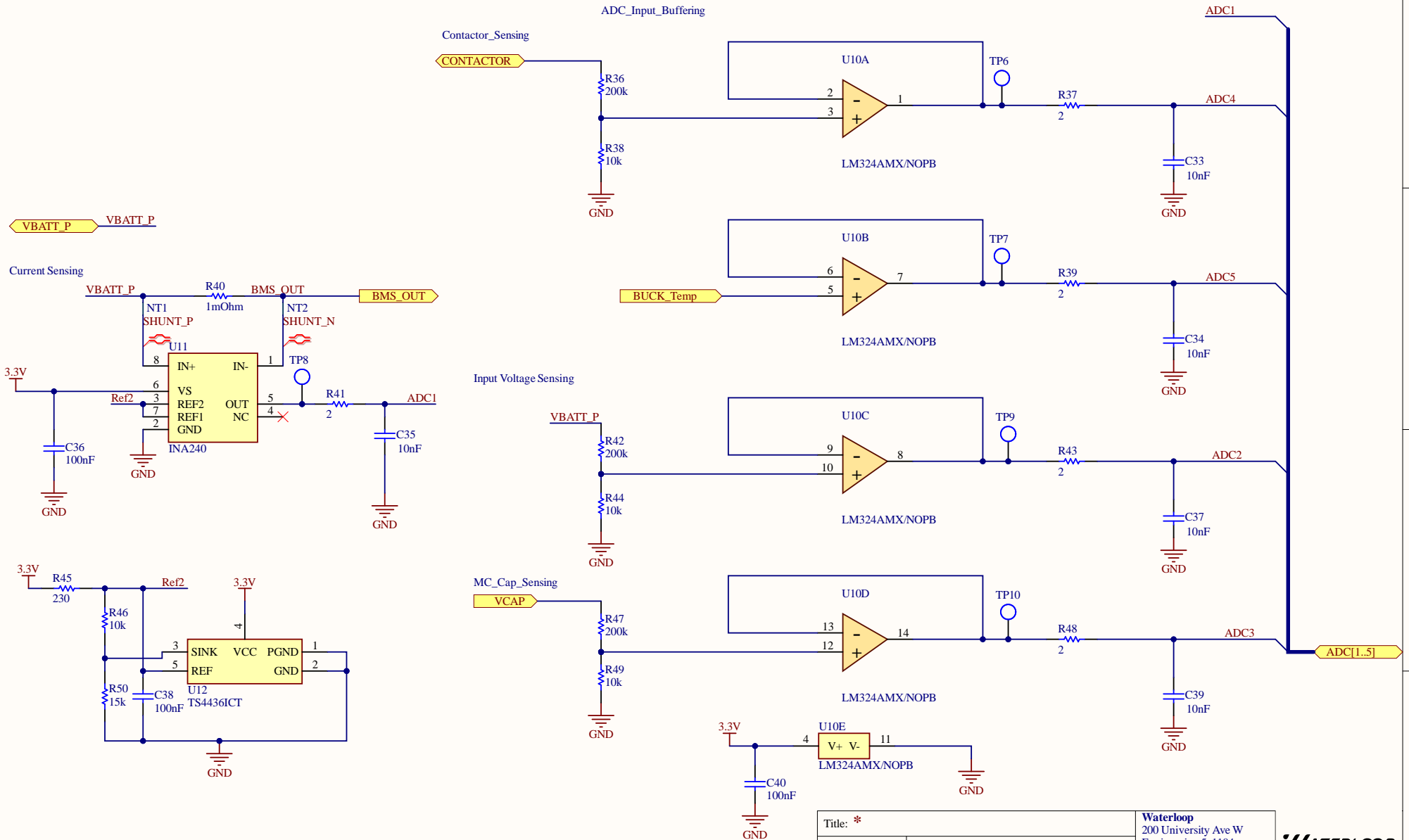


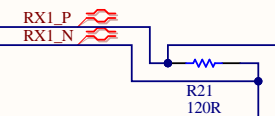
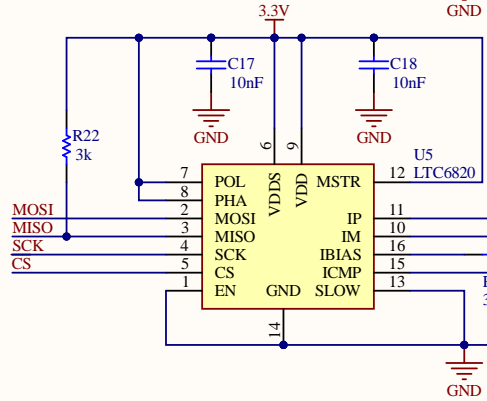
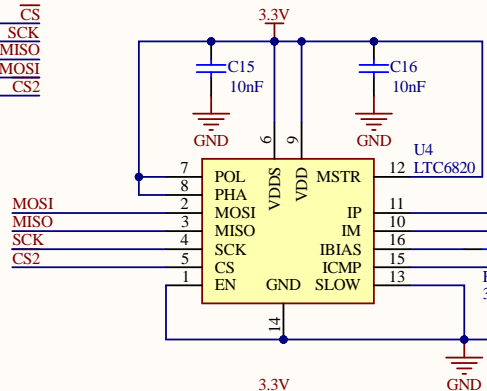
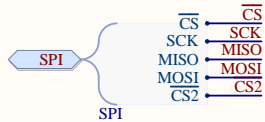
Temperature Monitoring



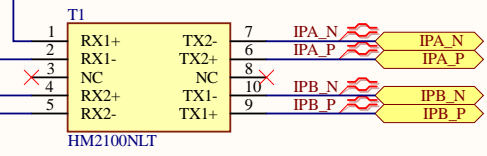
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Date: 12/28/2021	Revision: *		
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WATERLOOP





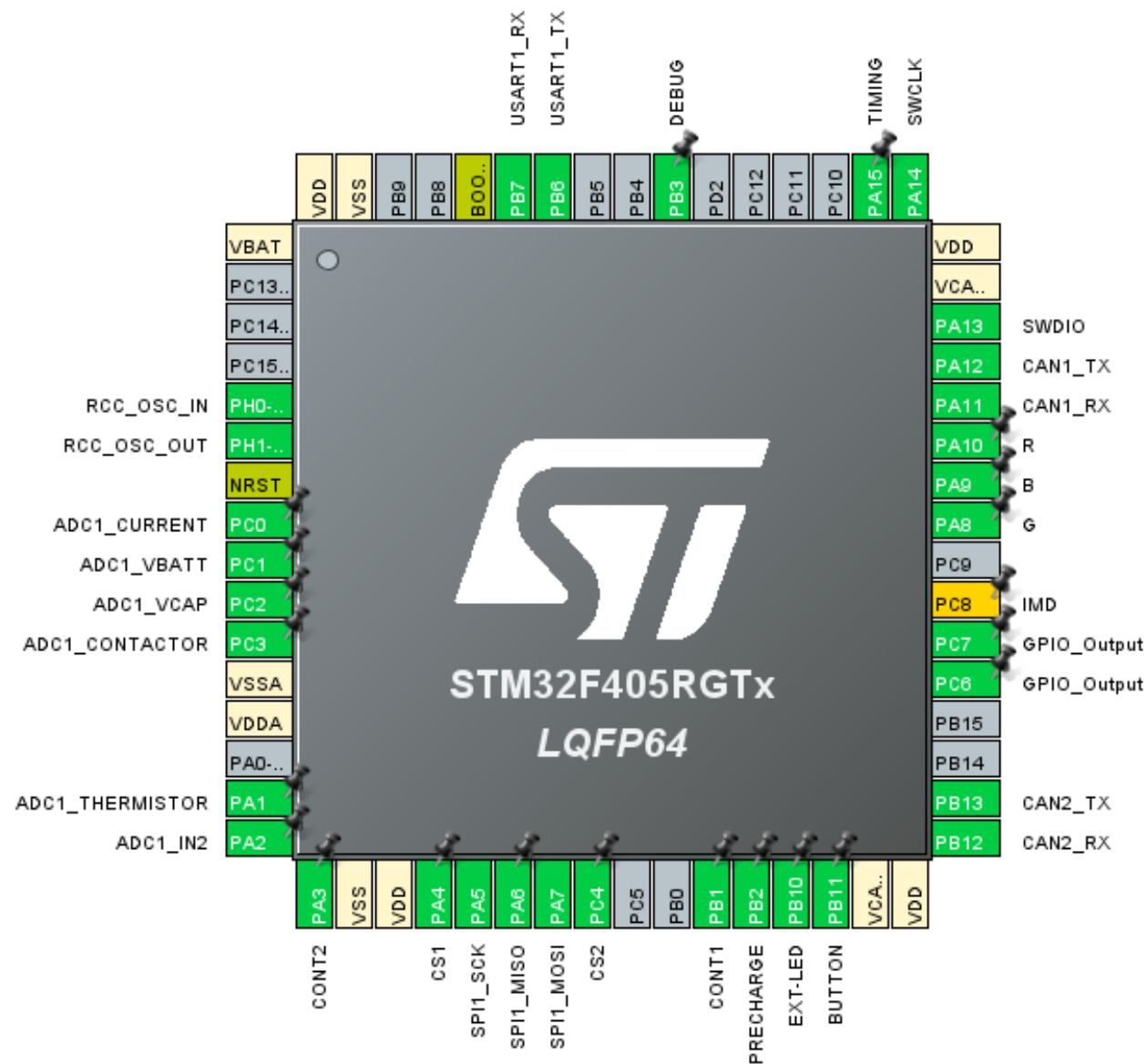
IM and IP should be kept at most 1.5cm in length, transformer to connector length should be at most 1cm



ISOSPI

Title: *		Waterloop 200 University Ave W Engineering 5, 1104 Waterloo, ON N2L 3G1	
Size: A4	Author: *		
Date: 12/28/2021	Revision: *	Sheet 5 of 5	
File: ISO_SPI.SchDoc			





BATTERY+ BMS-OUT

P6

C20

C22

D16
C19

L2

P2

D9 P12

D12

R16

R18 Q4 R12 D8

D11

R15

R17 Q3 R10

EXT-LED

P10 R14

GND 12V

3V3 5V

IBATT

TEMP VCAP

P1 P7 P9

-

RX

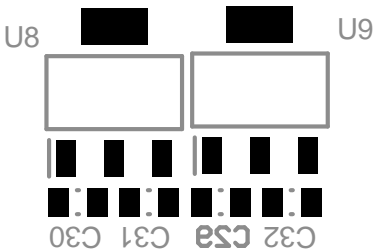
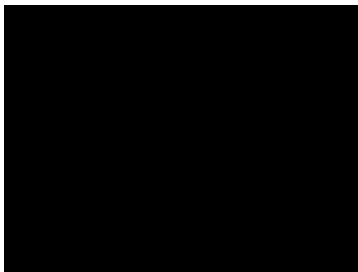
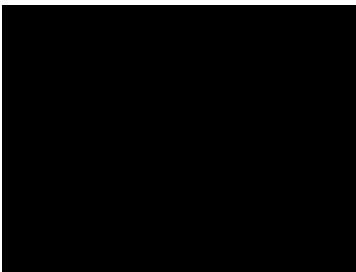
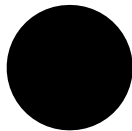
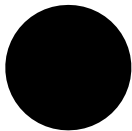
TX

RST

CLK

DIO

+



R35

