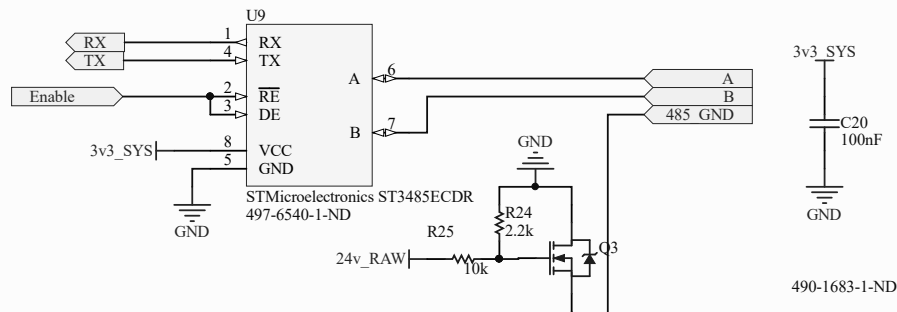
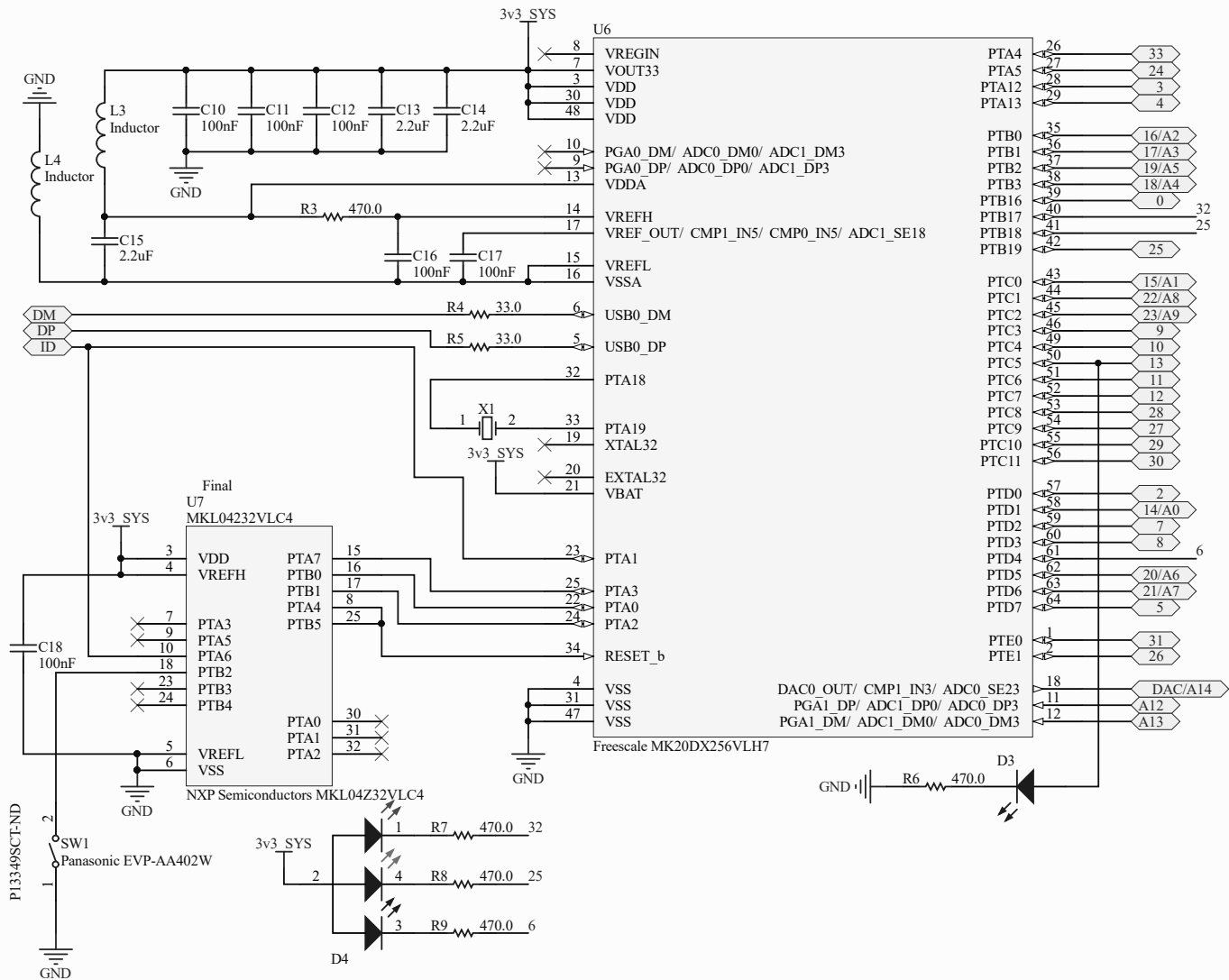
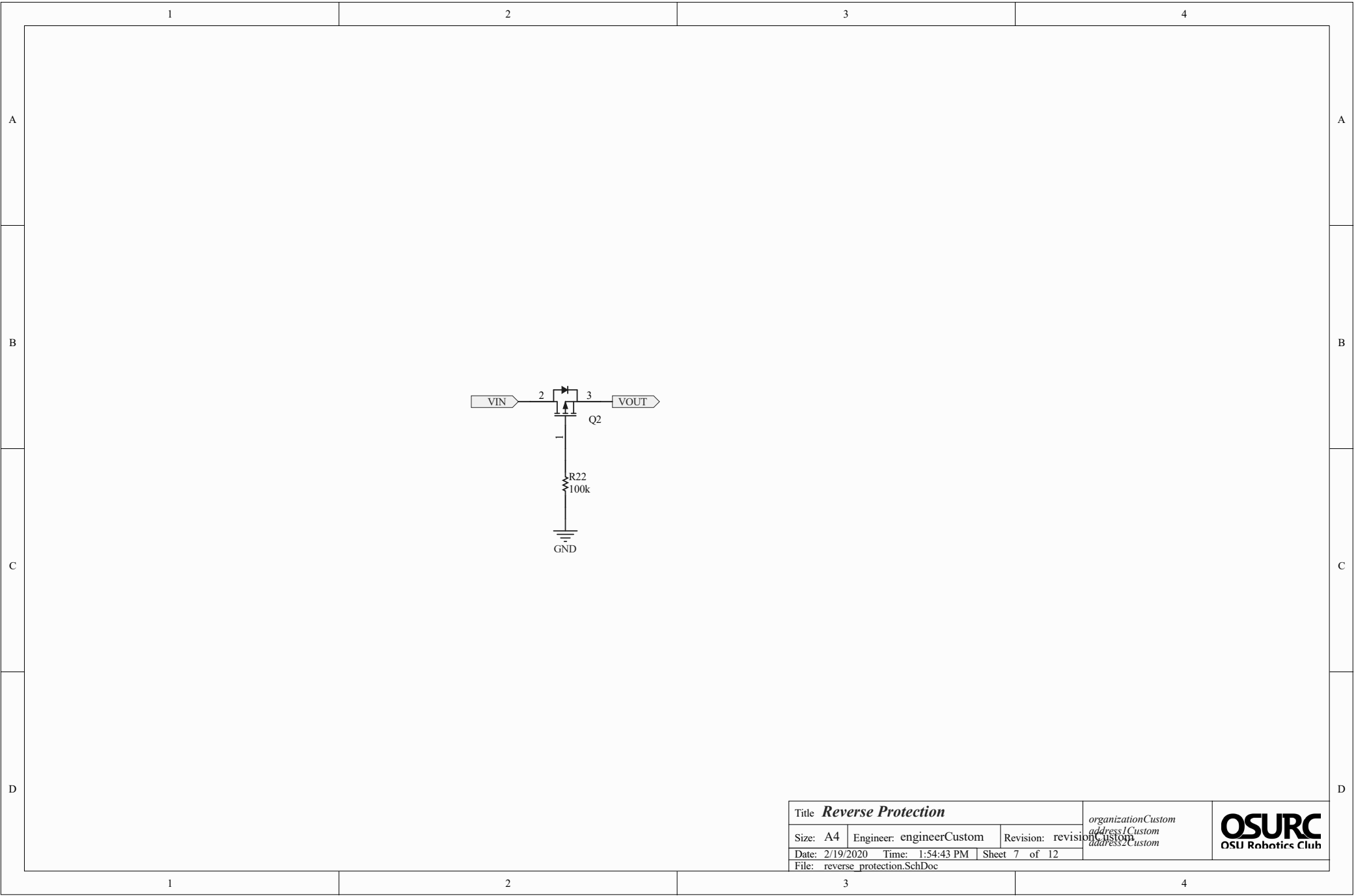




Title <i>RS485 Transceiver</i>			organizationCustom address1Custom address2Custom	
Size: A4	Engineer: engineerCustom	Revision: revisionCustom		
Date: 2/19/2020	Time: 1:54:42 PM	Sheet 4 of 11		
File: rs485_transceiver.SchDoc				



Title <i>Teensy 3.2 MCU</i>			organizationCustom address!Custom address2Custom	
Size: A4	Engineer: engineerCustom	Revision: revisionCustom		
Date: 2/19/2020	Time: 1:54:42 PM	Sheet 4 of 6		
File: mcu2019.SchDoc				



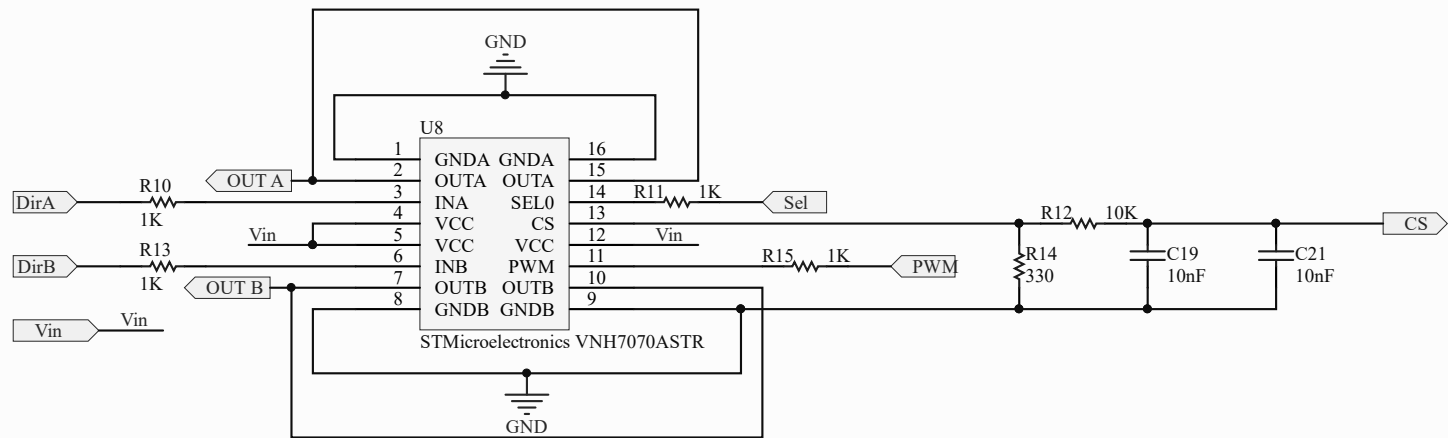
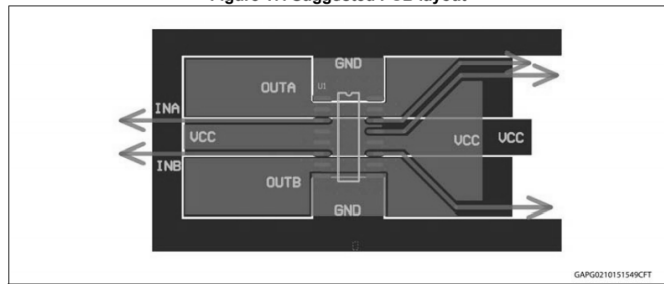
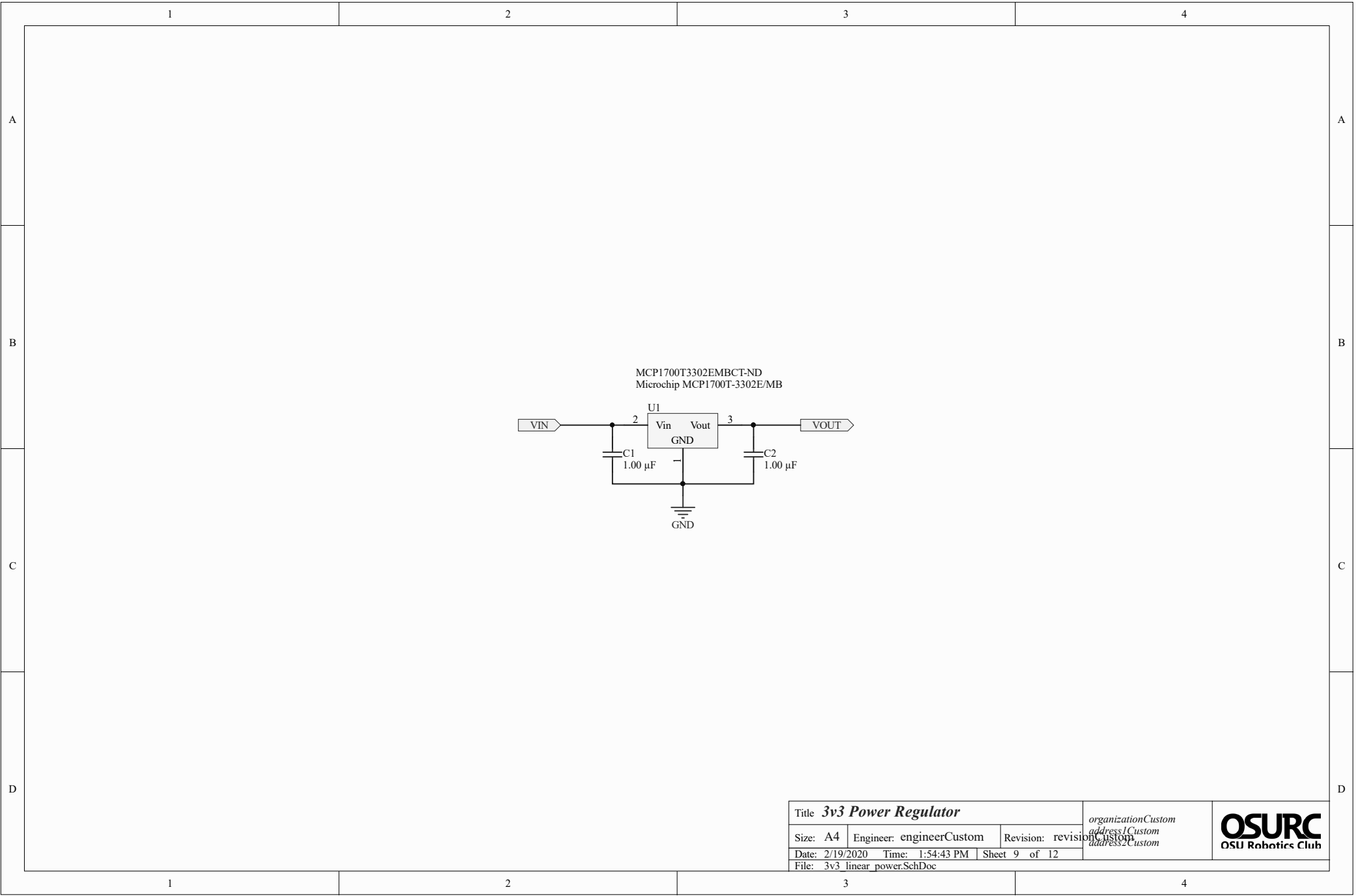


Figure 17. Suggested PCB layout



Title		
Size	Number	Revision
A		
Date:	2/19/2020	Sheet of
File:	Motor Controller.SchDoc	Drawn By:



Title <i>3v3 Power Regulator</i>			organizationCustom	
Size: A4	Engineer: engineerCustom	Revision: revisionCustom	address1Custom	
Date: 2/19/2020	Time: 1:54:43 PM	Sheet 9 of 12	address2Custom	
File: 3v3_linear_power.SchDoc				

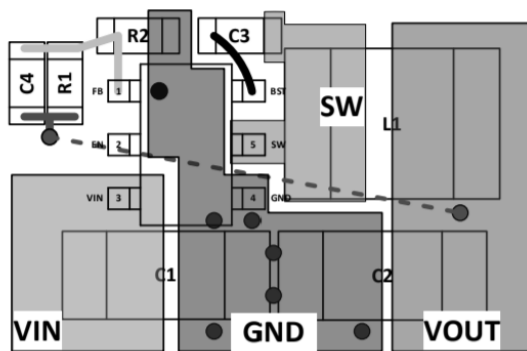
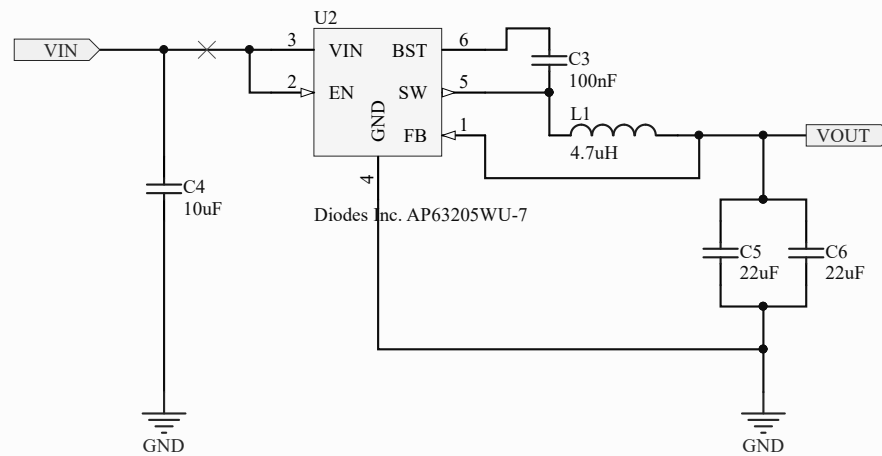
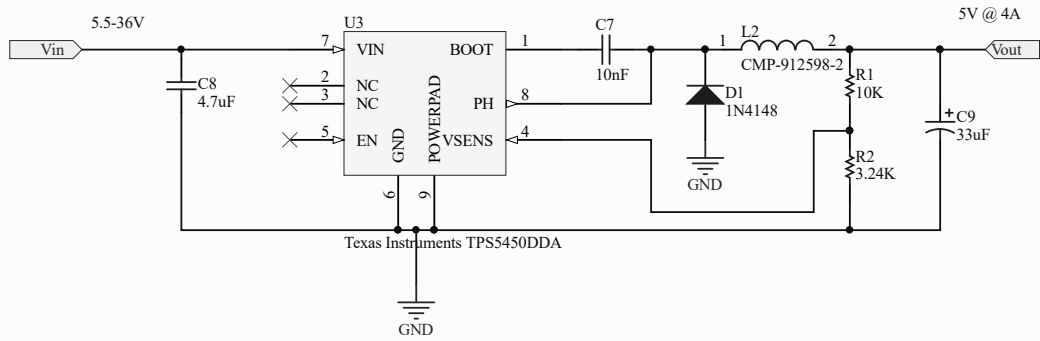


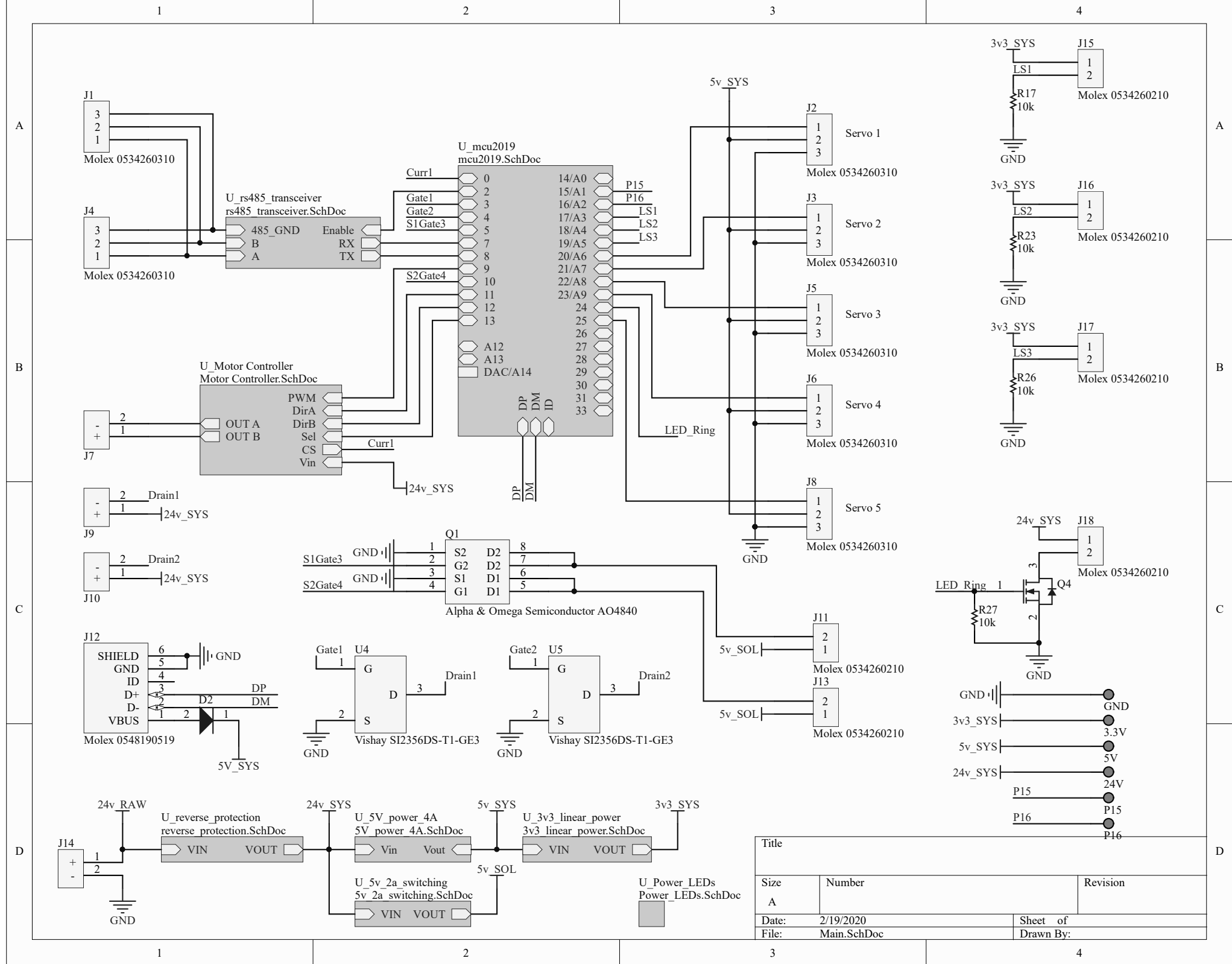
Figure 25. Recommended Layout

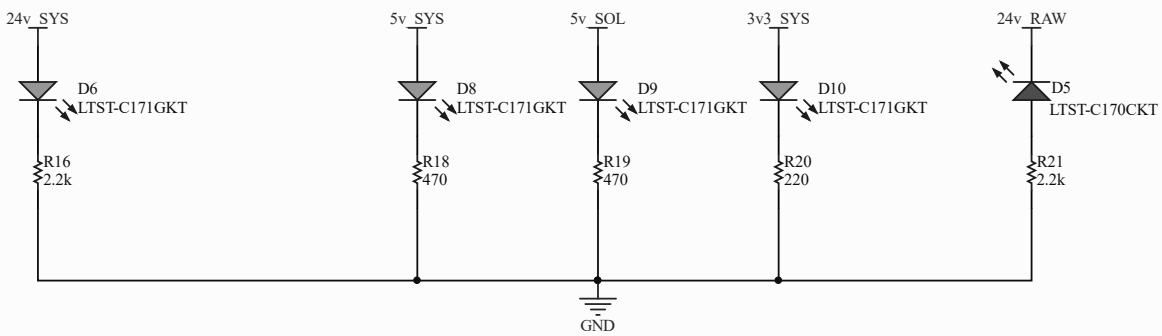
Title		
Size	Number	Revision
A		
Date:	2/19/2020	Sheet of
File:	5v 2a switching.SchDoc	Drawn By:



Title 5v Regulator 4A			organizationCustom
Size: A4	Engineer: engineerCustom	Revision: revisionCustom	address1Custom
Date: 2/19/2020	Time: 1:54:43 PM	Sheet * of *	address2Custom
File: 5V_power 4A.SchDoc			

OSURC
OSU Robotics Club





Title Power LEDs			organizationCustom address1Custom address2Custom OSURC OSU Robotics Club
Size: A4	Engineer: engineerCustom	Revision: revisionCustom	
Date: 2/19/2020	Time: 1:54:43 PM	Sheet * of *	
File: Power LEDs.SchDoc			