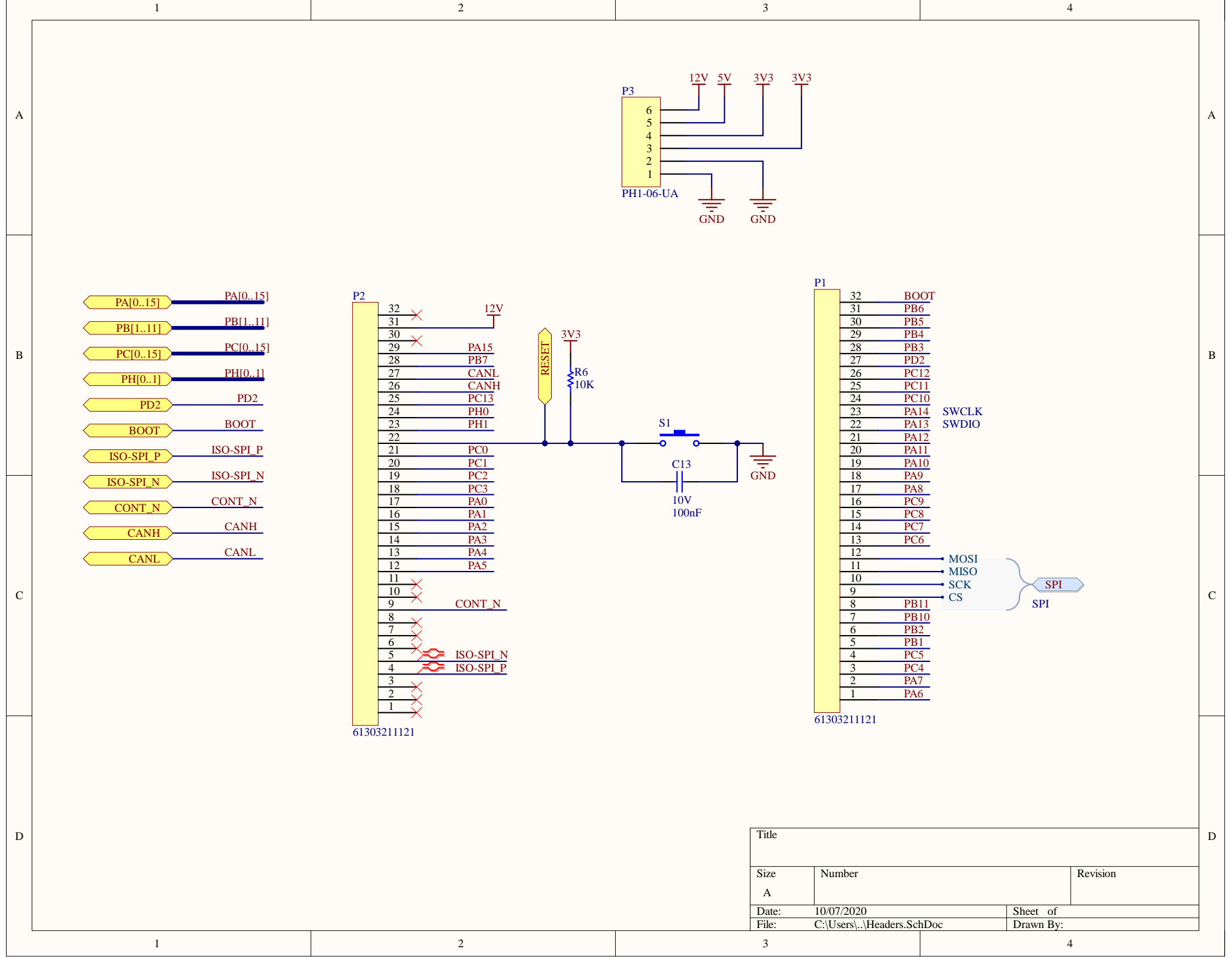
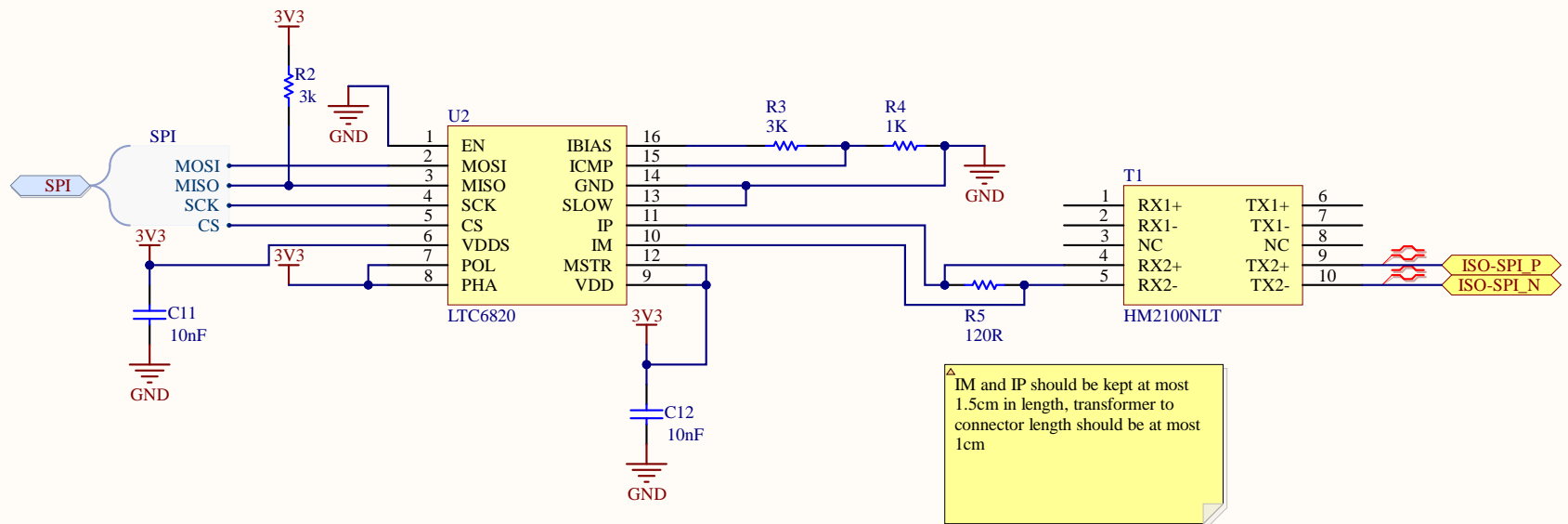
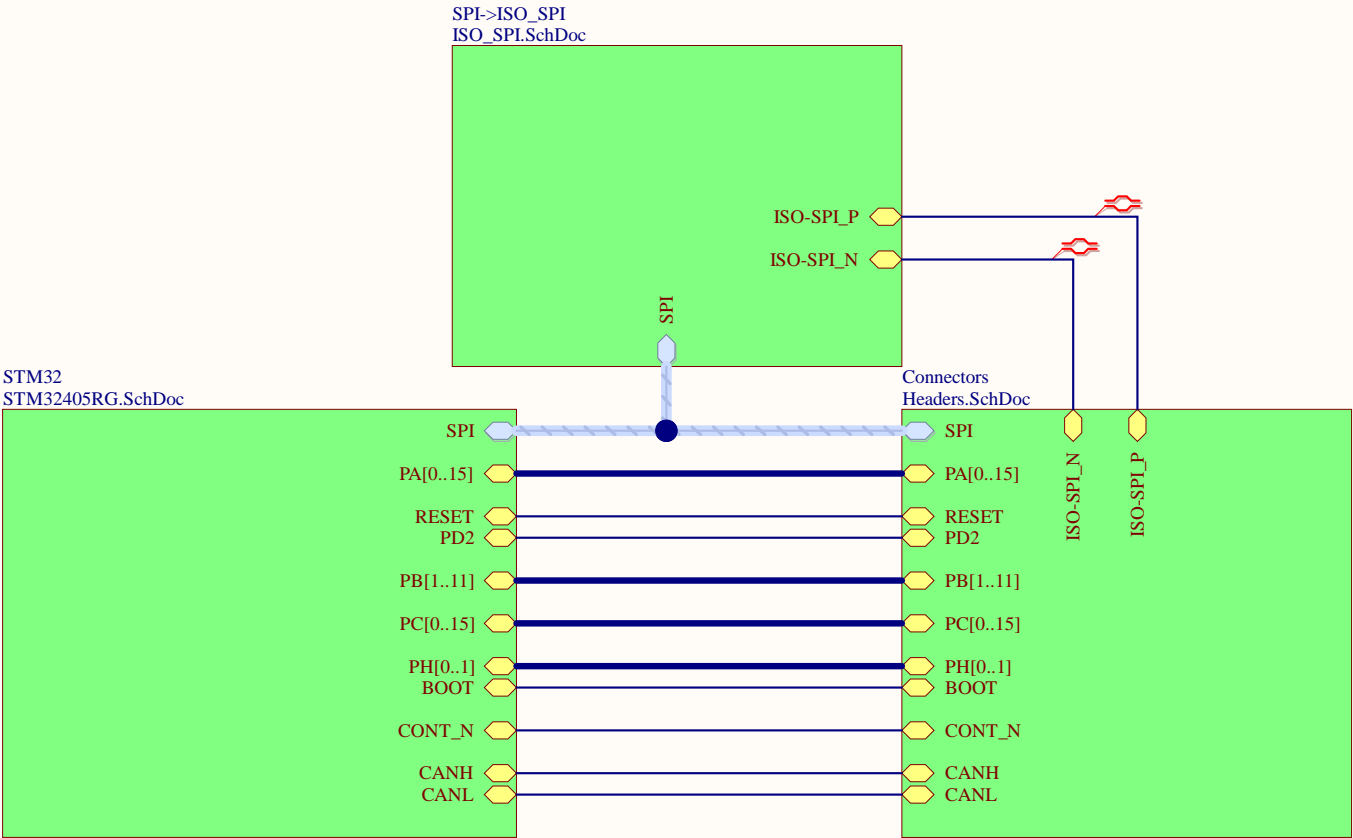


Designator	Value	Comment	Description	Footprint	Quantity
C1, C2	2.2uF	10V	C0805C225K8RACAUT 0. 2.2uF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	2
C3, C4, C5, C6, C13, C14, C15	100nF	10V	C0805C104K8RACTU. 0. 1uF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	7
C7, C8	4pF	50V	CBR08C409B5GAC. 4pF ±0. 1pF 50V Ceramic Capacitor COG, NPO 0805 (2012 Metric), CBR08C409B5GAC	C0805	2
C9, C11, C12	10nF	10V	C0805C103K8RAC7800 . 10000pF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	3
C10	1uF	10V	CL21B105KPFNNNE. 1uF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	1
D1		SMPLP13BC8TT86	Blue 470nm LED Indication - Discrete 2.9V 2-SMD, No Lead	SMPLP13BC8TT86	1
D2		CL-340T-SD-T		CL-340T-SD-T	1
P1, P2		61303211121		61303211121	2
P3		PH1-06-UA	Connector Header Through Hole 6 position 0.100" (2.54mm)	PH1-06-UA	1
Q1		NVS4409NT1G	N-Channel 25V 700mA (Ta) 280mW (Tj) Surface Mount SC- 70-3 (SOT323)	NVS4409NT1G	1
R1, R6	10K	5%	ERJ-3GEY103V. 10 kOhms ±5% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200 Thick Film	J1-0603	2
R2, R3	3k	1%	RMCF0603FT3K00. 3 kOhms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200 Thick Film	J1-0603	2
R4	1K	1%	RC0603FR-071KL. 1 kOhms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	J1-0603	1
R5, R8, R9, R10, R12	120R	1%	RC0603FR-07120RL. 120 Ohms ±1% 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Moisture Resistant Thick Film	J1-0603	5
R7	2K	5%	ERJ-PA3J202V. 2 kOhms ±5% 0.25W, 1/4W Chip Resistor 0603 (1608 Metric) Automotive AEC- Q200, Pulse Withstanding Thick Film	J1-0603	1
R11	0	0603	ERJ-U030R00V. 0 Ohms Jumper 0.1W, 1/10W Chip Resistor 0603 (1608 Metric) Anti-Sulfur, Automotive AEC- Q200 Thick Film	J1-0603	1
S1		PTS636 SM43 SMTR LFS	Tactile Switch SPST- NO Top Actuated Surface Mount	PTS636 SM43 SMTR LFS	1
T1		HM2100NLT		HM2100NLT	1
U1		STM32F405RG76		STM32F405RG76TR	1
U2		LTC6820		LTC6820	1
U3		TJA1051T/3/CM,118			1
Y1		CX5032GB08000H0HP QZ1	8MHz ±20ppm Crystal 12pF 300 Ohms 2- SMD, No Lead	CX5032GB08000H0HP QZ1	1

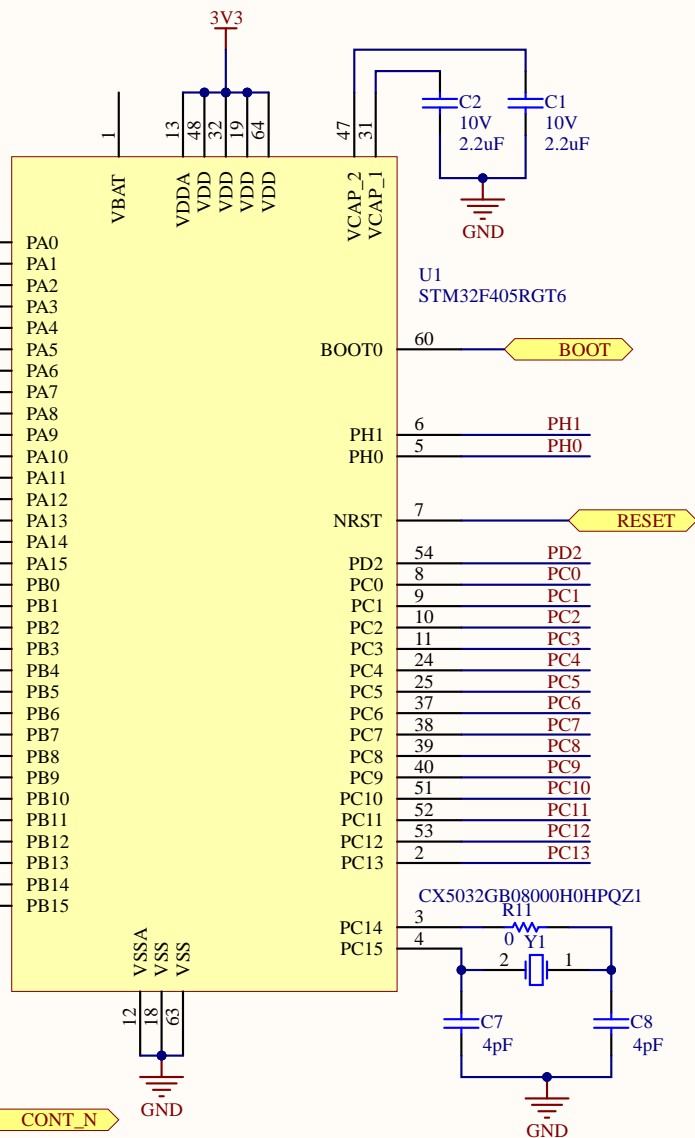
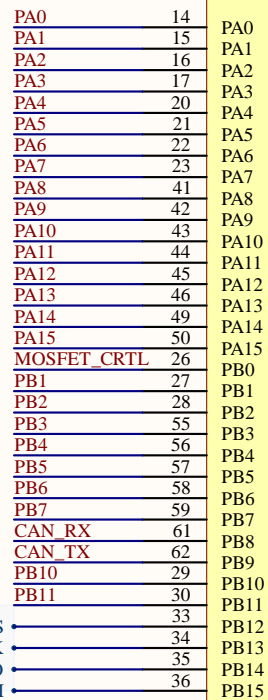
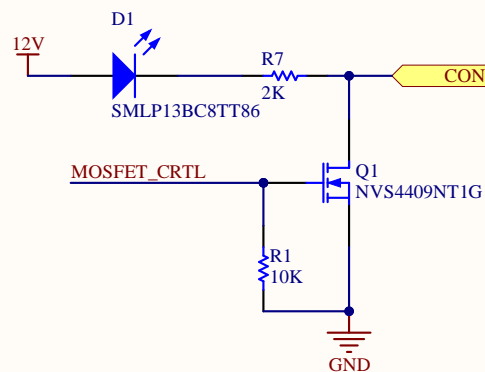
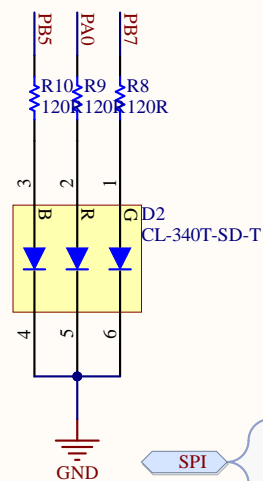
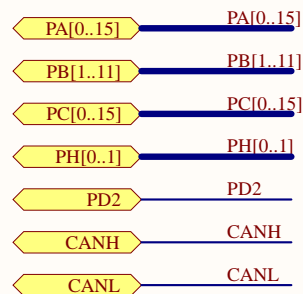




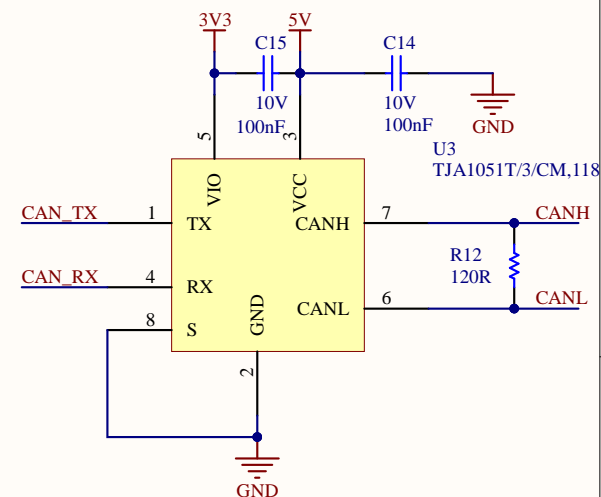
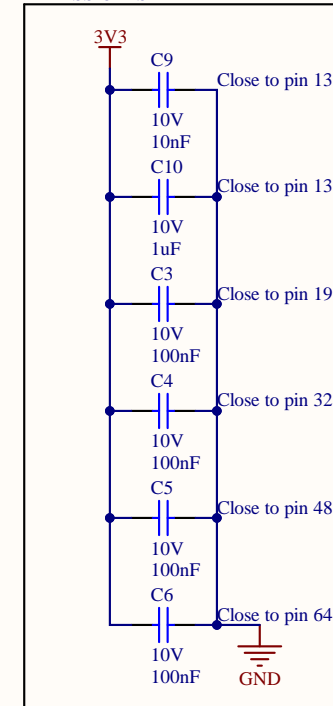
Title		
ISOSPI		
Size	Number	Revision
A		
Date:	10/07/2020	Sheet of
File:	C:\Users\...\ISO_SPI.SchDoc	Drawn By:



Title		
Size	Number	Revision
A		
Date:	10/07/2020	Sheet of
File:	C:\Users\...\MCU.SchDoc	Drawn By:



BYPASS CAPS



Title

STM32F405 + MOSFET Schematic

Size

Number

Revision

Date:

10/07/2020

Sheet of

File:

C:\Users\...\STM32405RG.SchDoc

Drawn By:

