

1	2	3	4
A			A
B			B
C			C
D			D
1	2	3	4

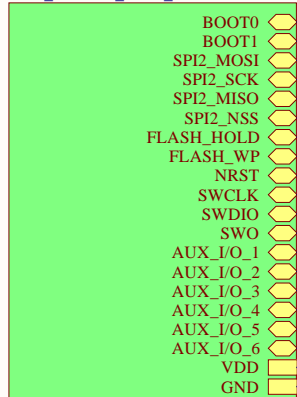
U_1
1.1.0_Interface_board.SchDoc

U_1
1.2.0_XBee_module.SchDoc

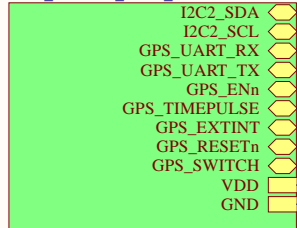
U_1
1.3.0_Power_board.SchDoc

Title 1.0.0_Overall_Rocket_Eletrical.SchDoc		
Size A4	Number	Revision
Date: 09.03.2017	Sheet1 of 14	
File: F:\EPFL\...\1.0.0_Overall_Rocket_Eletrical.SchDoc	Drawn by:	

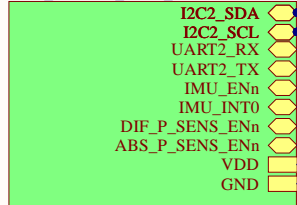
U_1
1.1.3_Interface_board_SWD&FLASH&IO.SchDoc



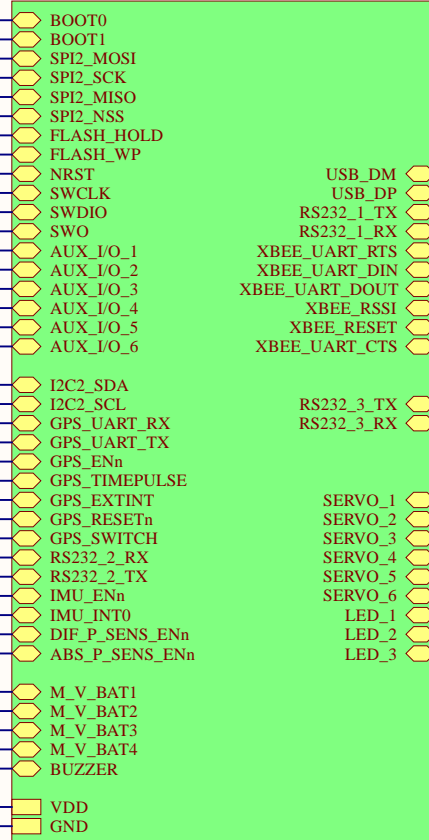
U_1
1.1.7_Interface_board_GNSS.SchDoc



U_1
1.1.6_Interface_board_Pressure&IMU.SchDoc



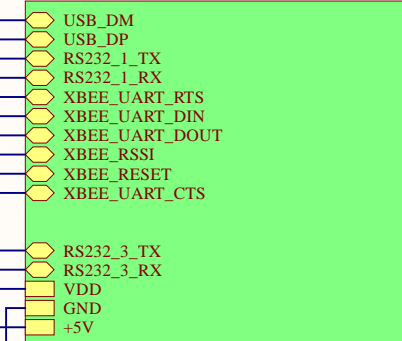
U_1
1.1.1_Interface_board_MCU.SchDoc



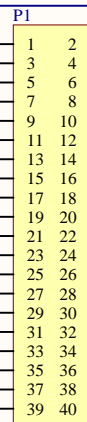
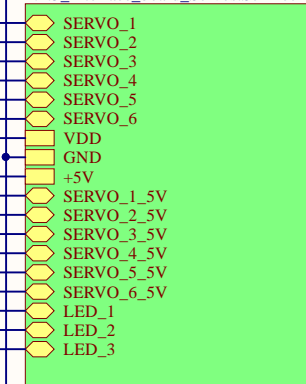
U_1
1.1.2_Interface_board_Power_Supply.SchDoc



U_1
1.1.4_Interface_board_USB&XBee&RS232.SchDoc



U_1
1.1.5_Interface_board_Servos.SchDoc



649-61082-042402LF

Title 1.1.0_Interface_board.SchDoc		
Size A4	Number	Revision
Date: 09.03.2017	Sheet2 of 14	
File: F:\EPFL\...\1.1.0_Interface_board.SchDoc	Drawn By:	

A

A

B

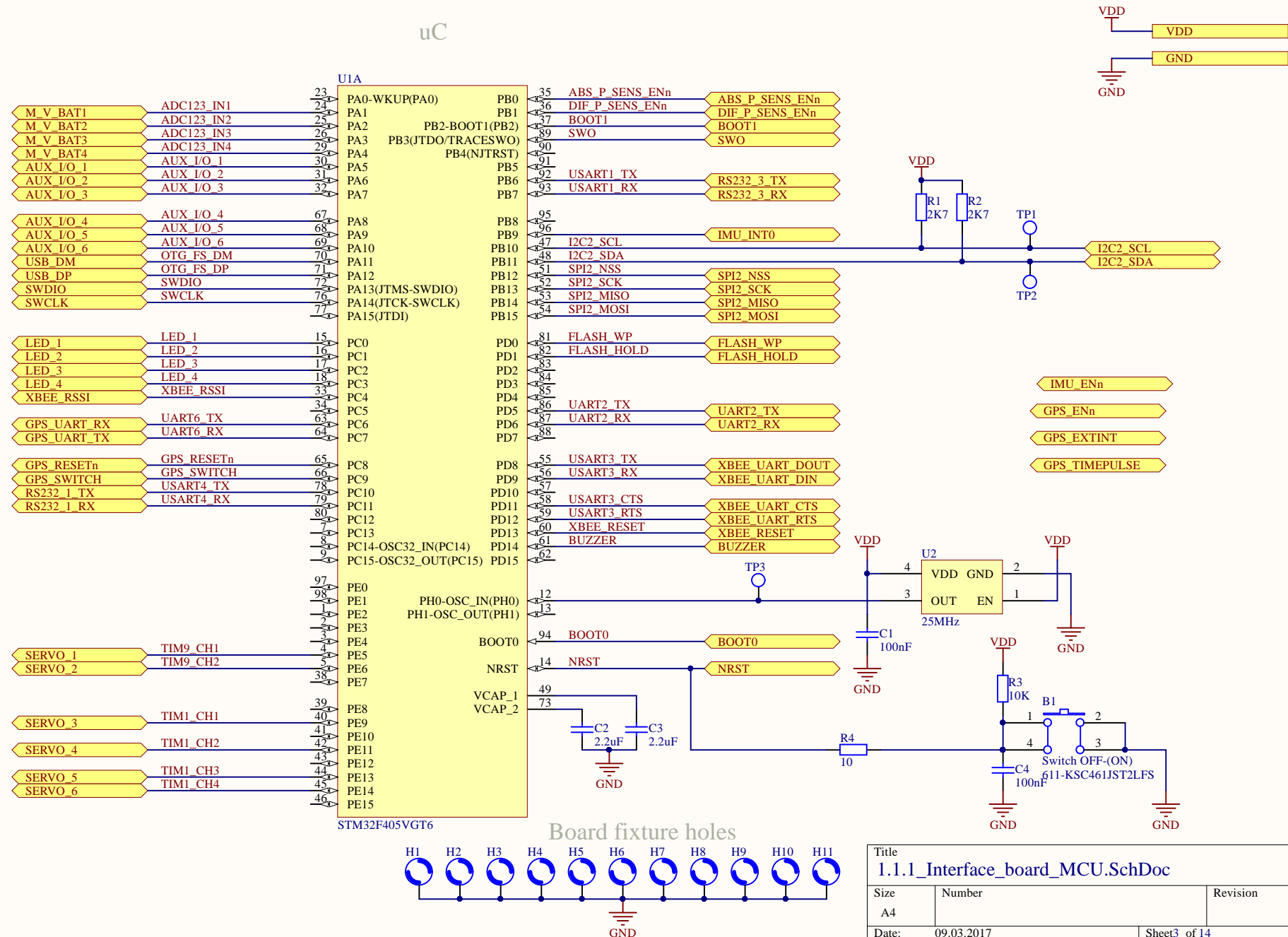
B

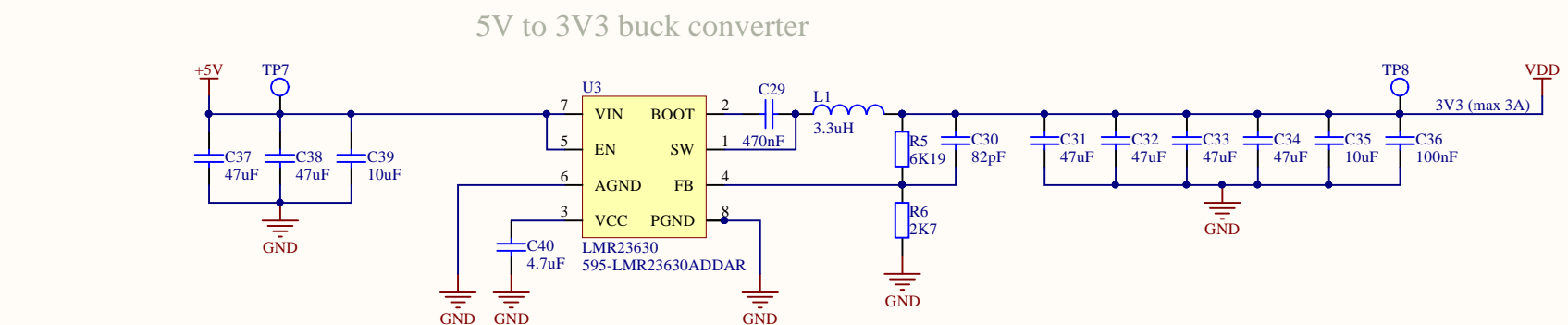
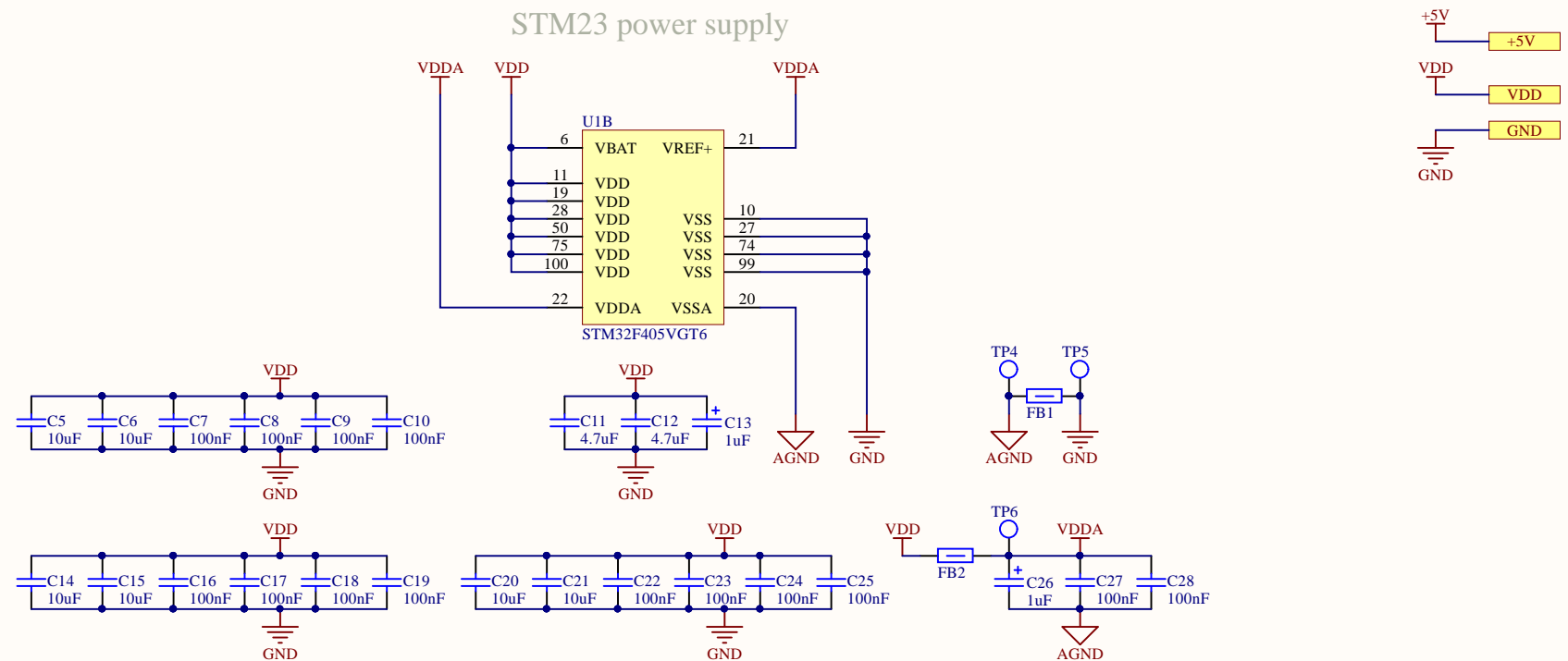
C

C

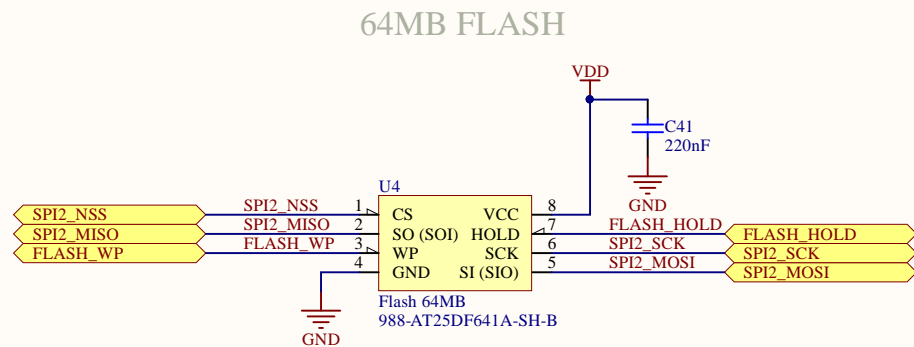
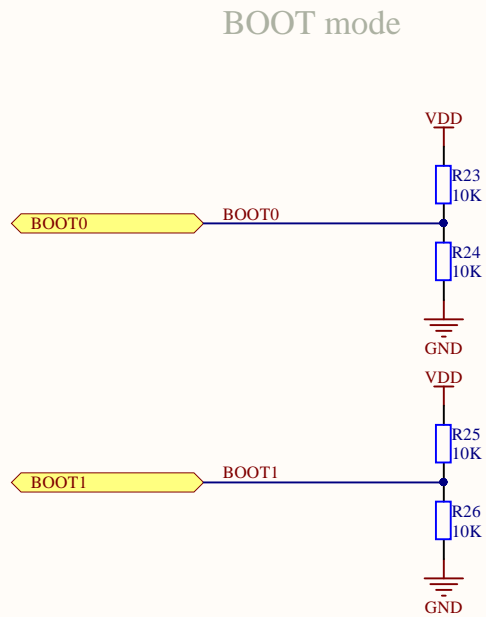
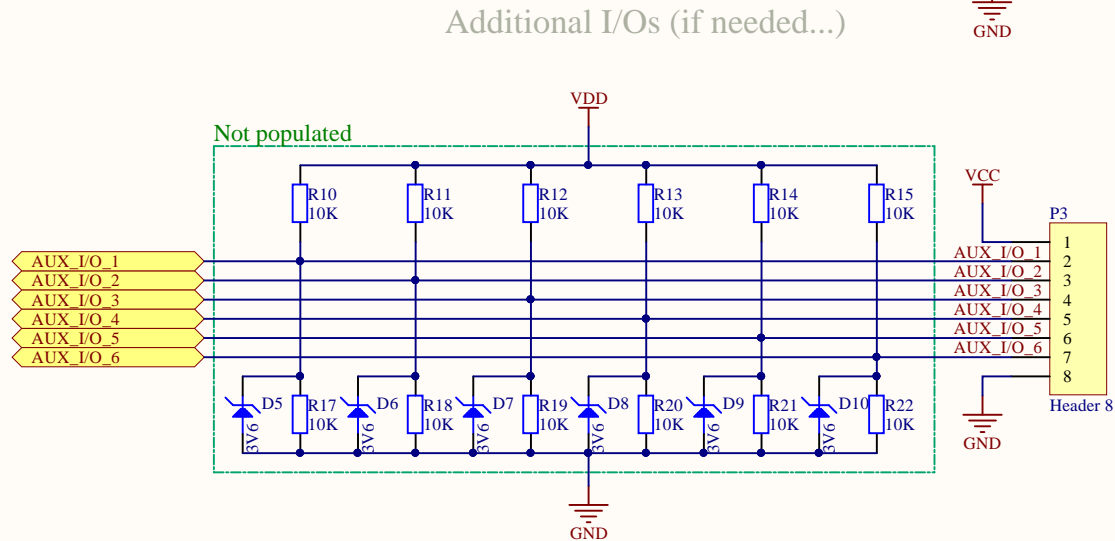
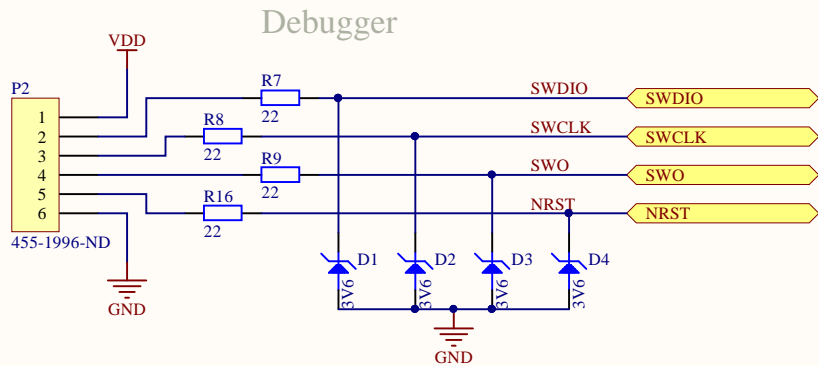
D

D

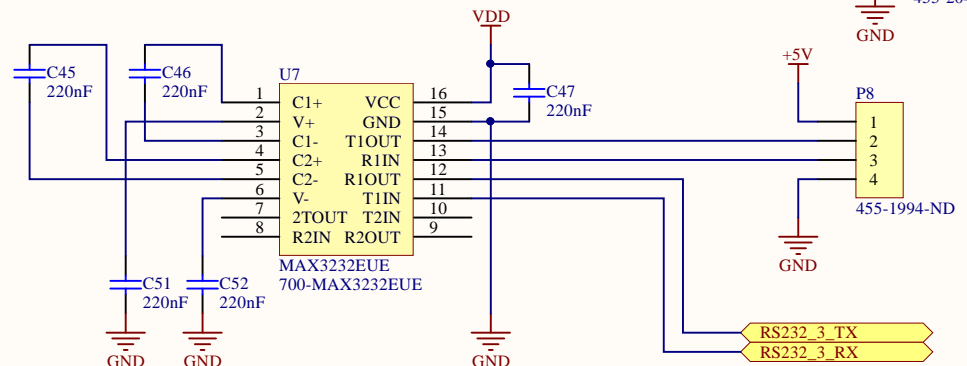
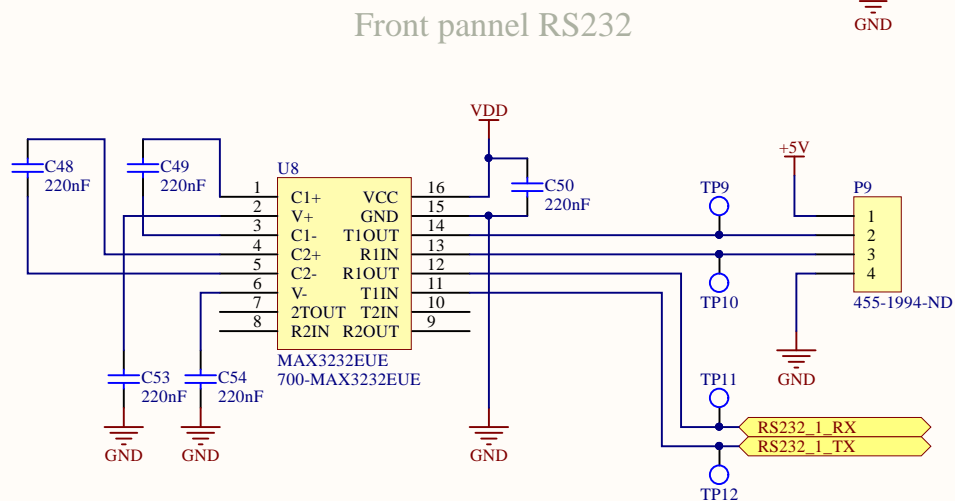
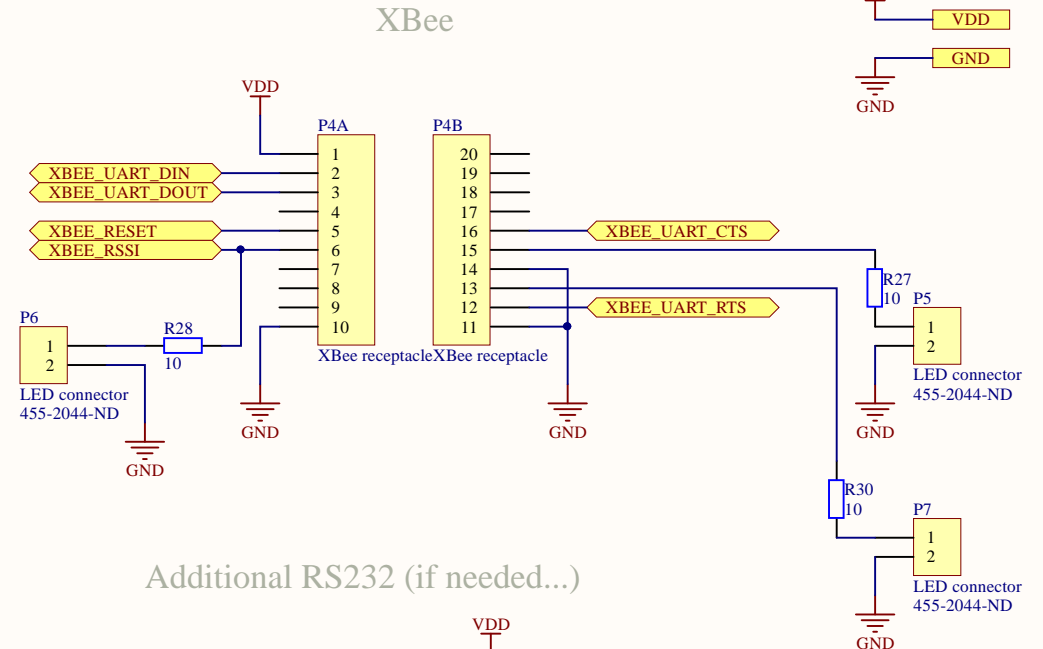
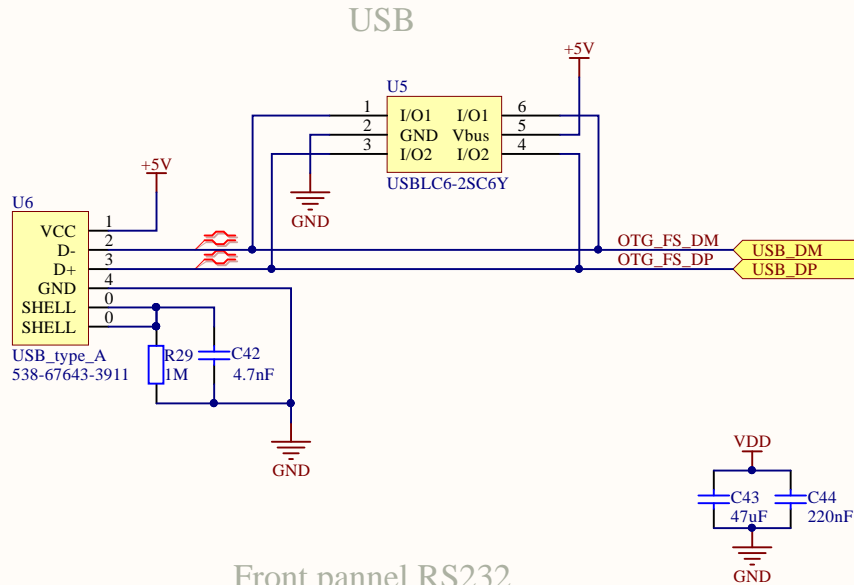




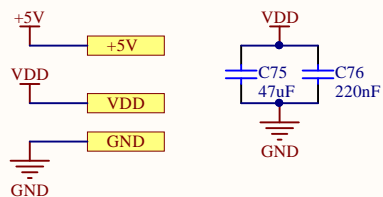
Title 1.1.2_Interface_board_Power_Supply.SchDoc		
Size A4	Number	Revision
Date: 09.03.2017	Sheet 4 of 14	
File: F:\EPFL\...\1.1.2_Interface_board_Power	Supply.BshDoc	



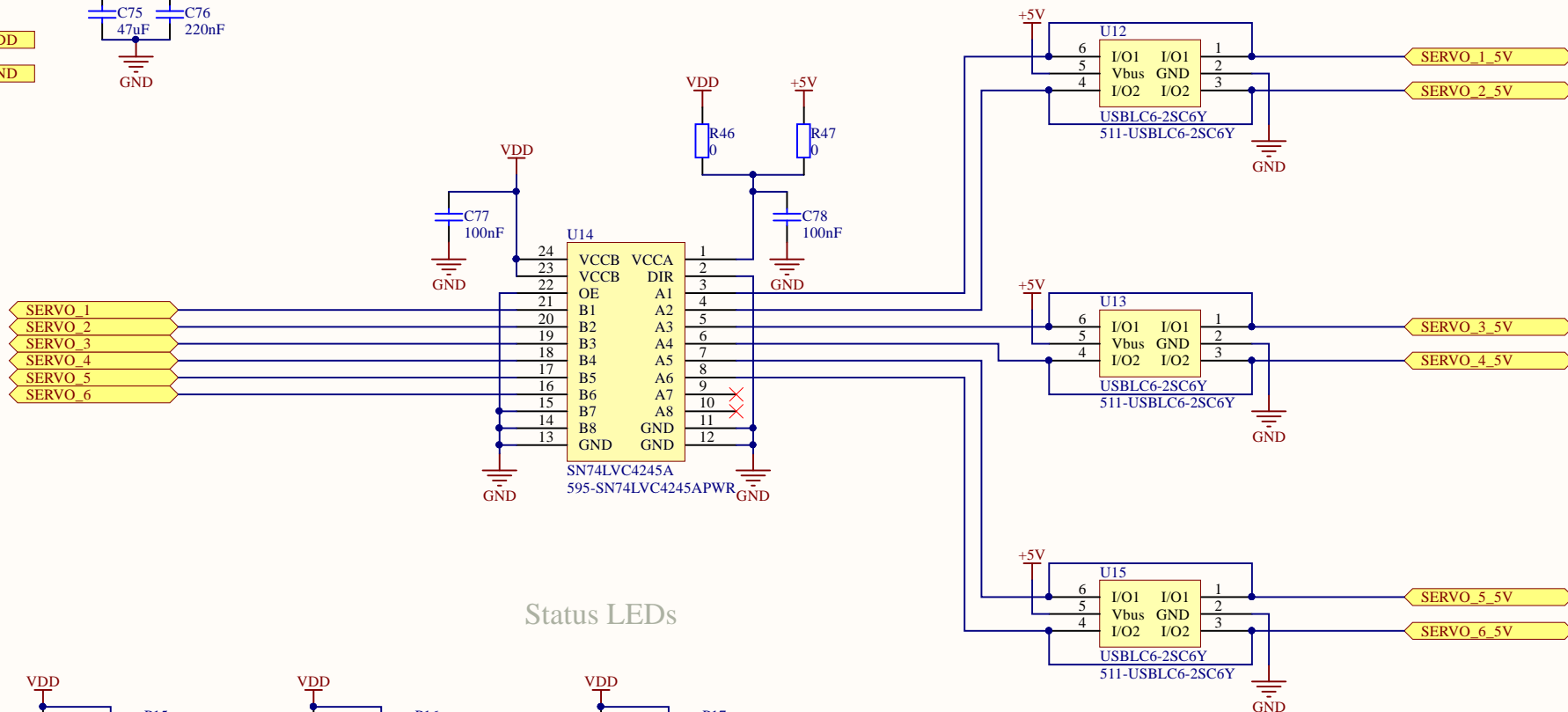
Title 1.1.3_Interface_board_SWD&FLASH&IO.SchDoc		
Size A4	Number	Revision
Date: 09.03.2017	Sheet5 of 14	
File: F:\EPFL\1.1.3_Interface_board_SWD&FLASH&IO.SchDoc		



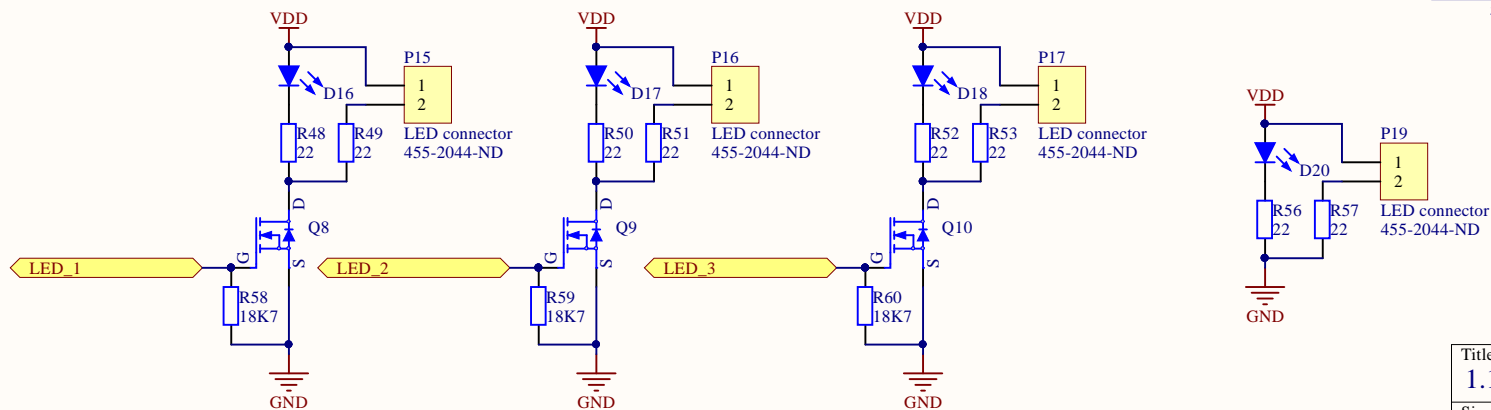
Title		
1.1.4_Interface_board_USB&XBee&RS232.SchDoc		
Size	Number	Revision
A4		
Date:	09.03.2017	Sheet 6 of 14
File:	F:\EPFL\1.1.4_Interface_board_USB&XBee&RS232.SchDoc	



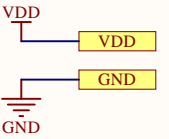
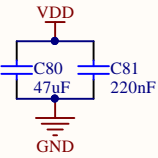
Servos control output



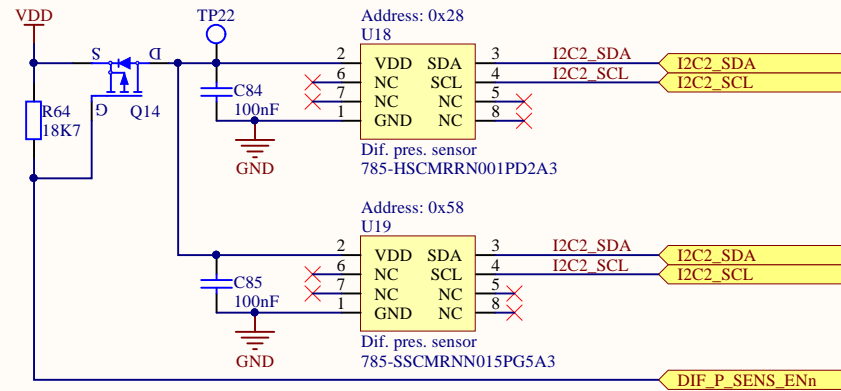
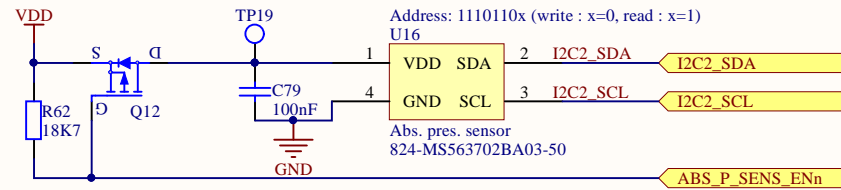
Status LEDs



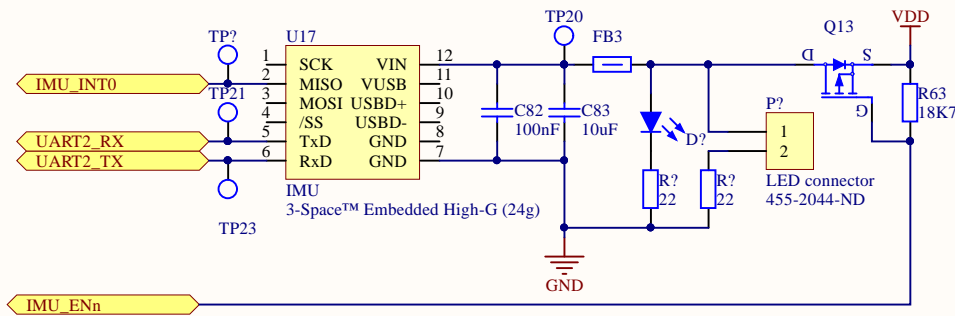
Title		
1.1.5_Interface_board_Servos.SchDoc		
Size	Number	Revision
A4		
Date:	09.03.2017	Sheet 7 of 14
File:	F:\EPFL\...1.1.5_Interface_board_Servos.SchDoc	



Pressure sensors

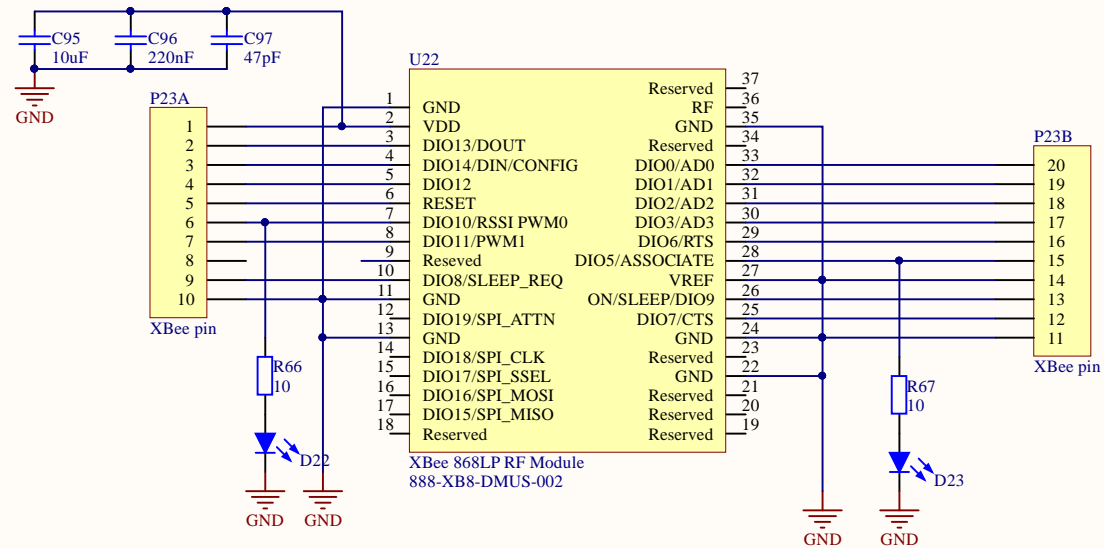


IMU (24g max)

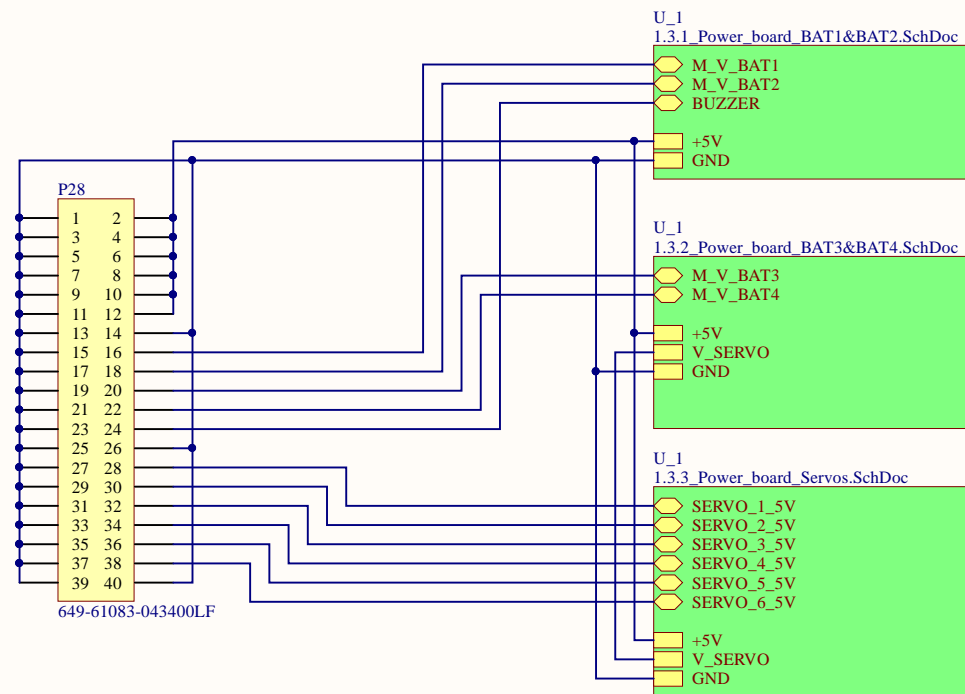


Title		
1.1.6_Interface_board_Pressure&IMU.SchDoc		
Size	Number	Revision
A4		
Date:	09.03.2017	Sheet 8 of 14
File:	F:\EPFL\...1.1.6_Interface_board_Pressure&IMU.SchDoc	

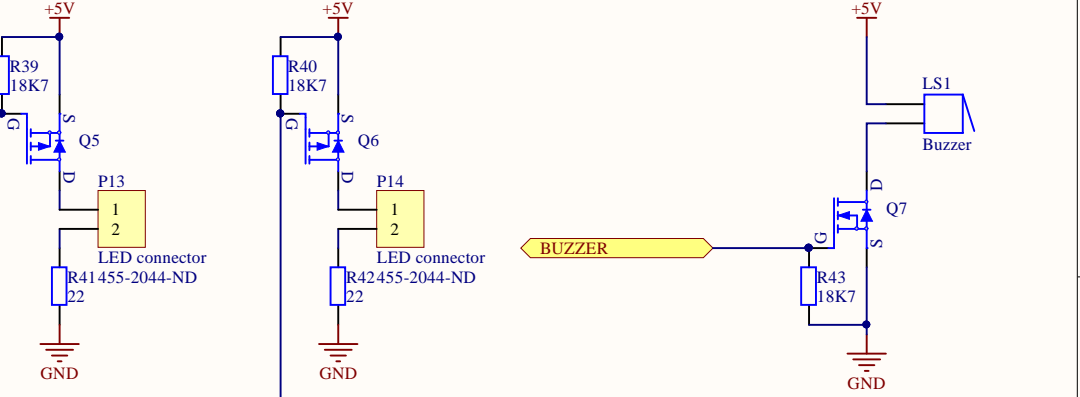
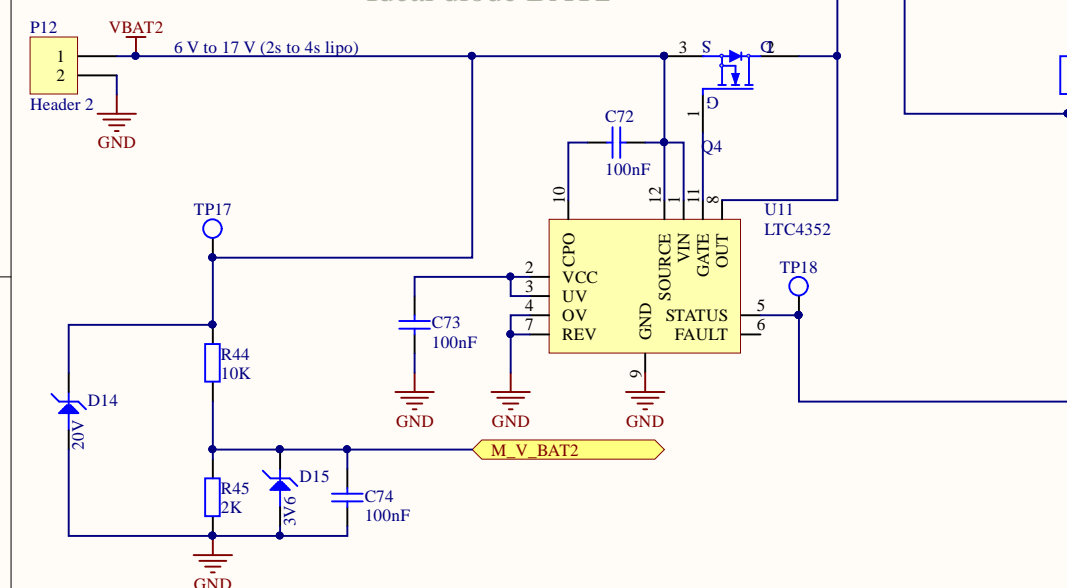
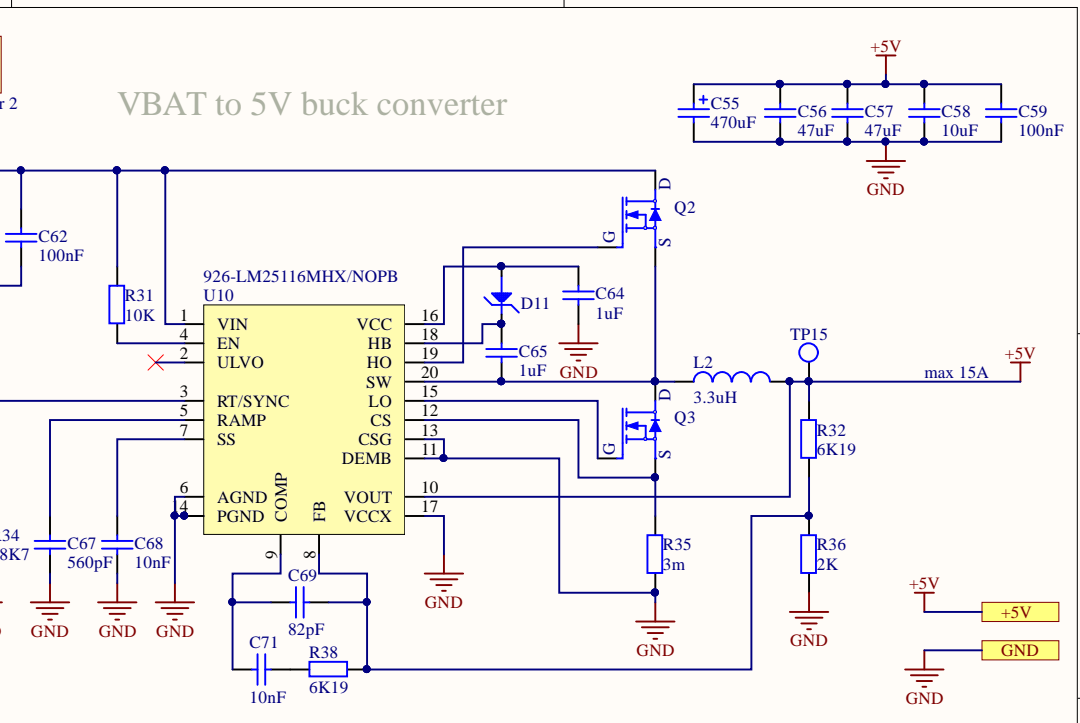
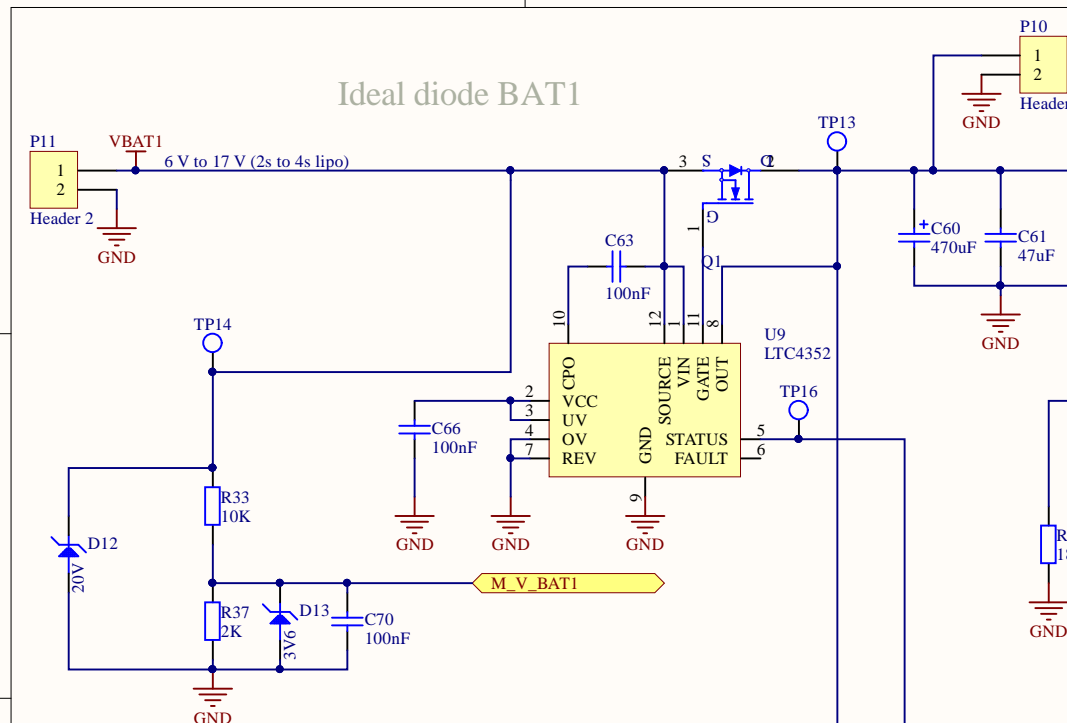
XBee



Title 1.2.0_XBee_module.SchDoc		
Size A4	Number	Revision
Date: 09.03.2017	Sheet10 of 14	
File: F:\EPFL\...\1.2.0_XBee_module.SchDoc	Drawn By:	



Title 1.3.0_Power_board.SchDoc		
Size A4	Number	Revision
Date:	09.03.2017	Sheet11 of 14
File:	F:\EPFL\...\1.3.0_Power_board.SchDoc	Drawn By:



Title 1.3.1_Power_board_BAT1&BAT2.SchDoc		
Size A4	Number	Revision
Date: 09.03.2017	Sheet 12 of 14	
File: F:\EPFLA\1.3.1_Power_board_BAT1&BAT2.SchDoc		

A

B

C

D

A

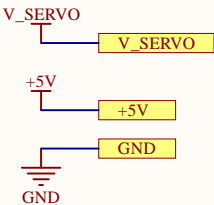
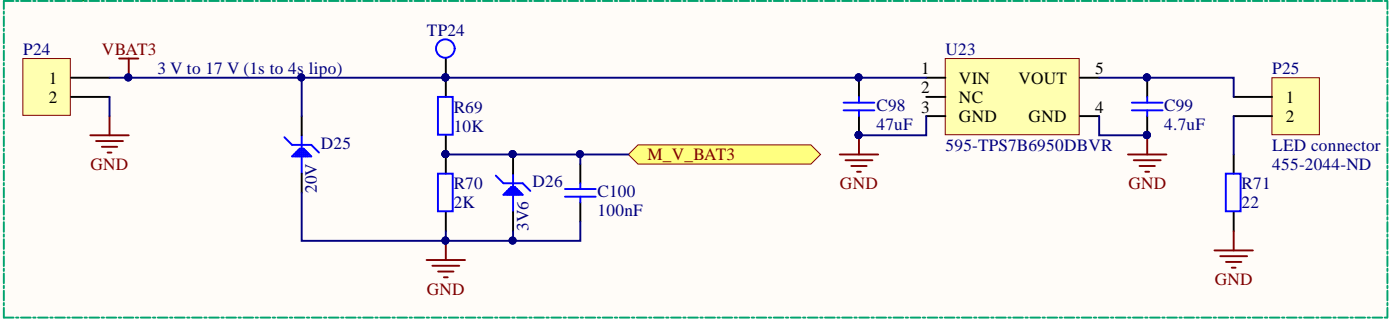
B

C

D

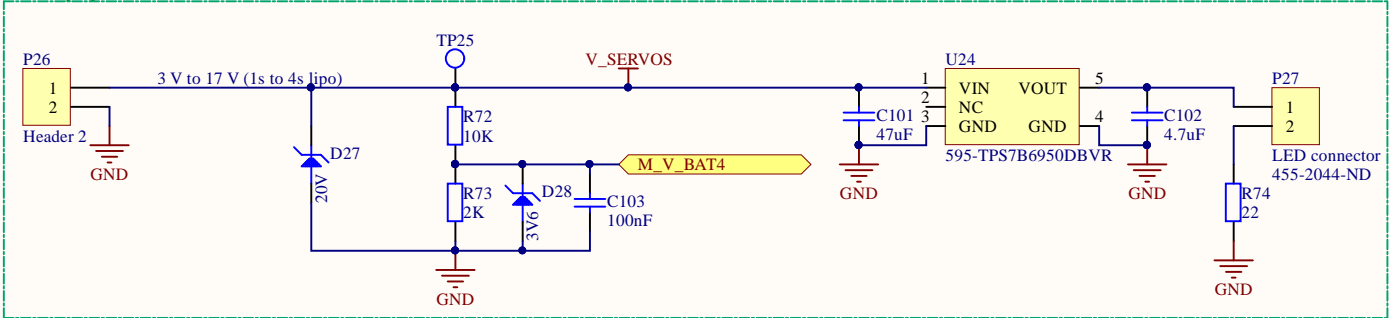
VBAT3 (for payload) (if needed...) voltage measurment and status LED

Not populated

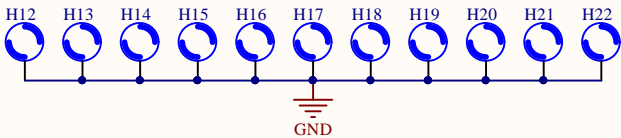


Aux. battery for servos (if needed...) voltage measurment and status LED

Not populated

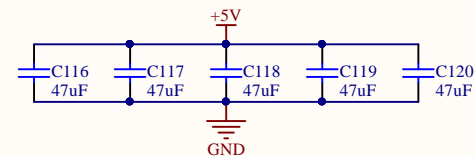
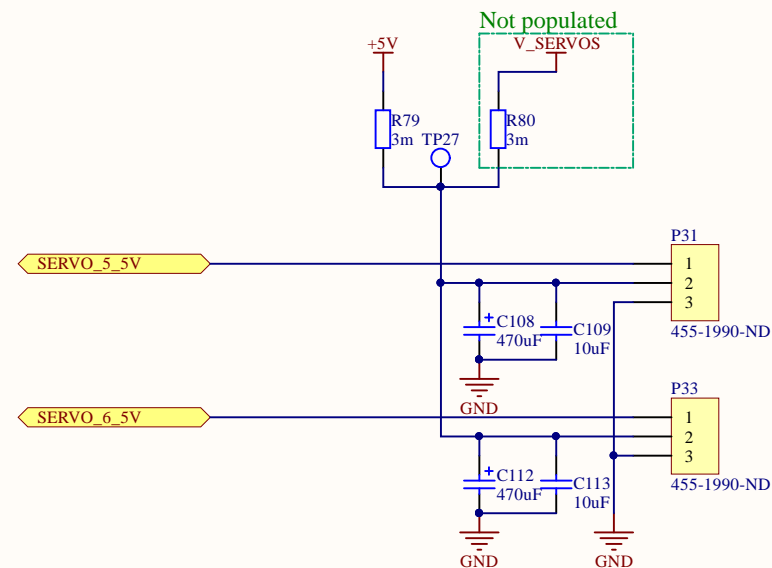
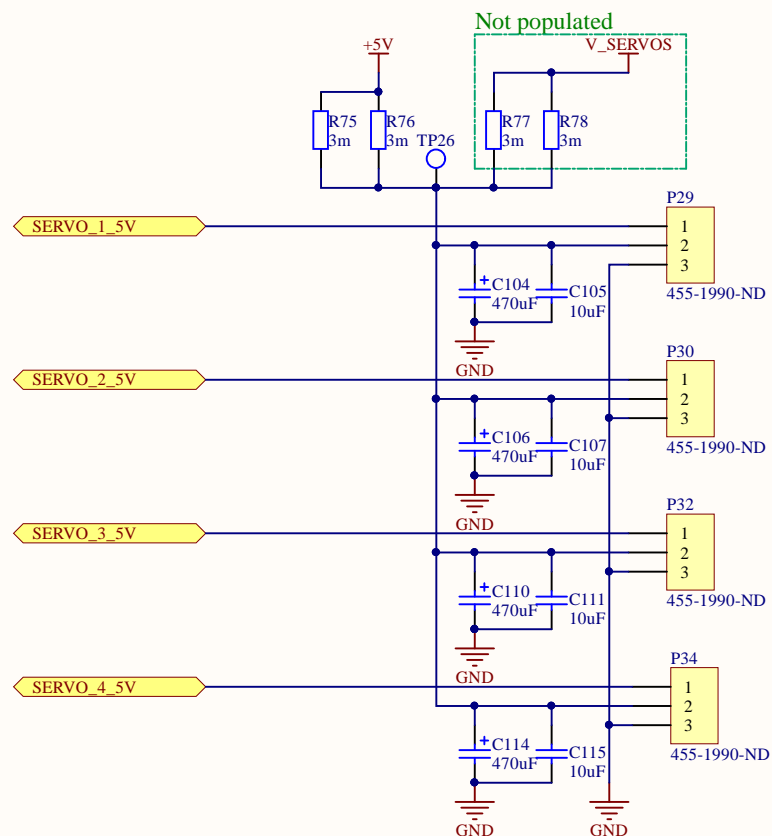
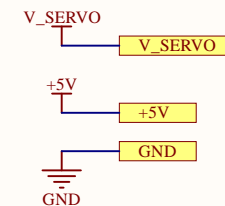


Board fixture holes



Title 1.3.2_Power_board_BAT3&BAT4.SchDoc		
Size A4	Number	Revision
Date: 09.03.2017	Sheet13 of 14	
File: F:\EPFL\1.3.2_Power_board_BAT3&BAT4.SchDoc	Title: 1.3.2_Power_board_BAT3&BAT4.SchDoc	

Servos output



Title 1.3.3_Power_board_Servos.SchDoc		
Size A4	Number	Revision
Date: 09.03.2017	Sheet 14 of 14	
File: F:\EPFL\1.3.3_Power_board_Servos.SchDoc	Drawn By:	