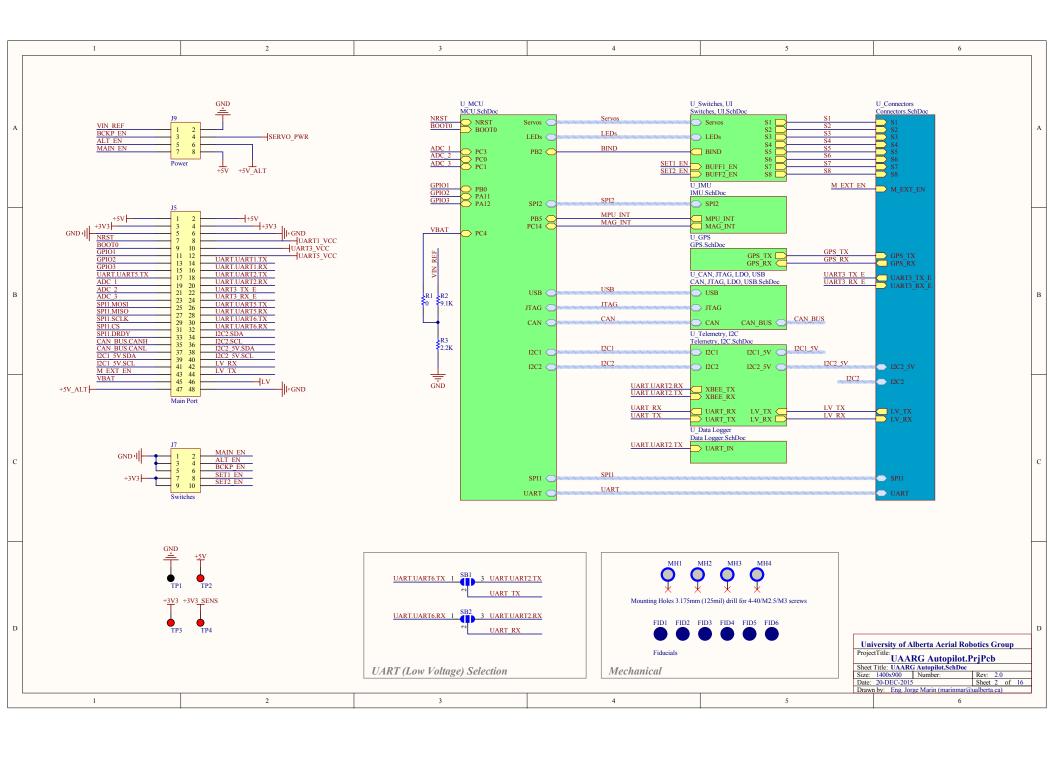
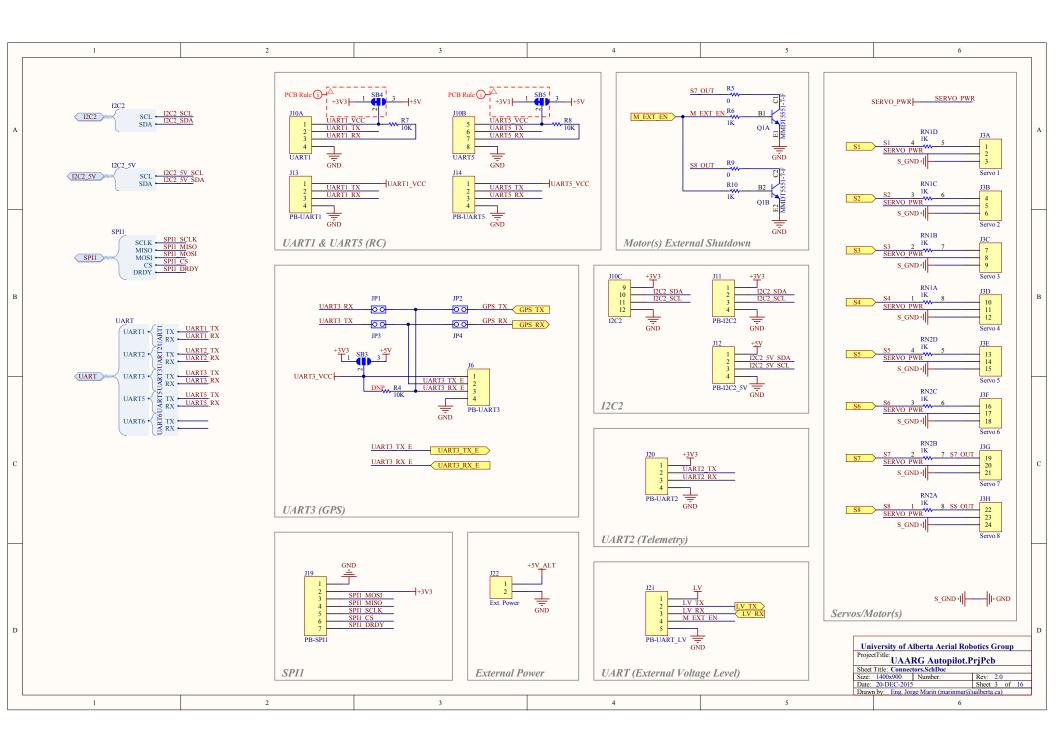
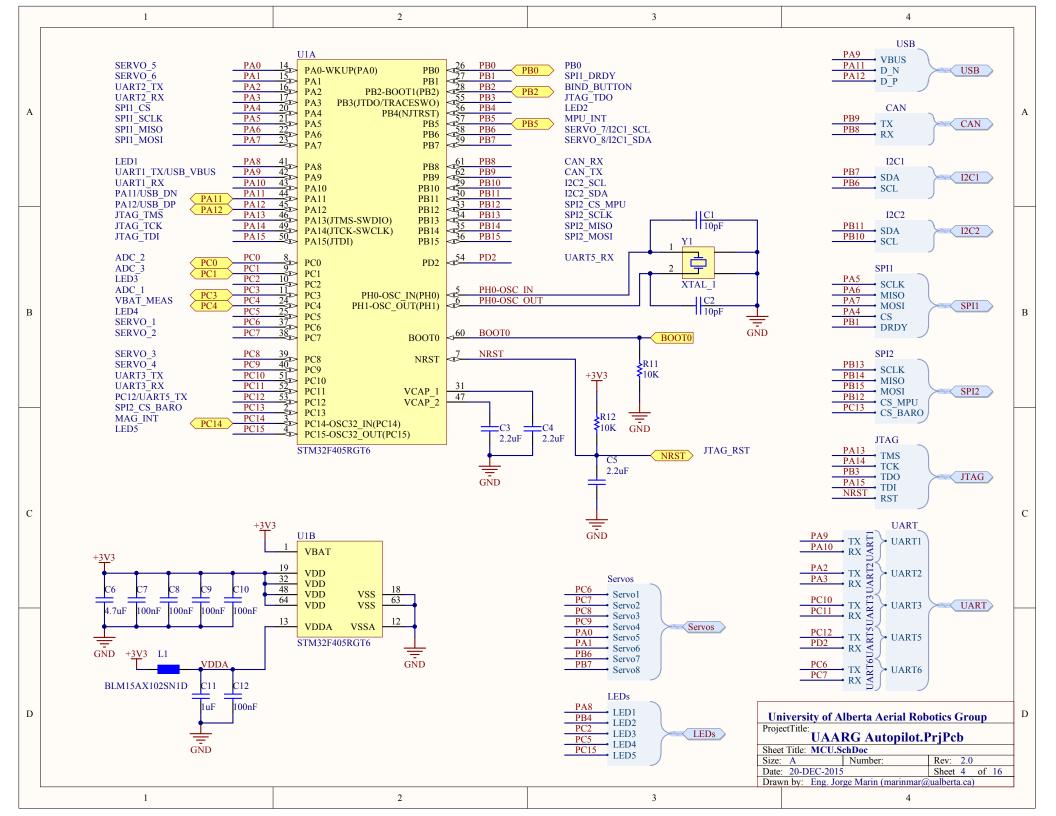
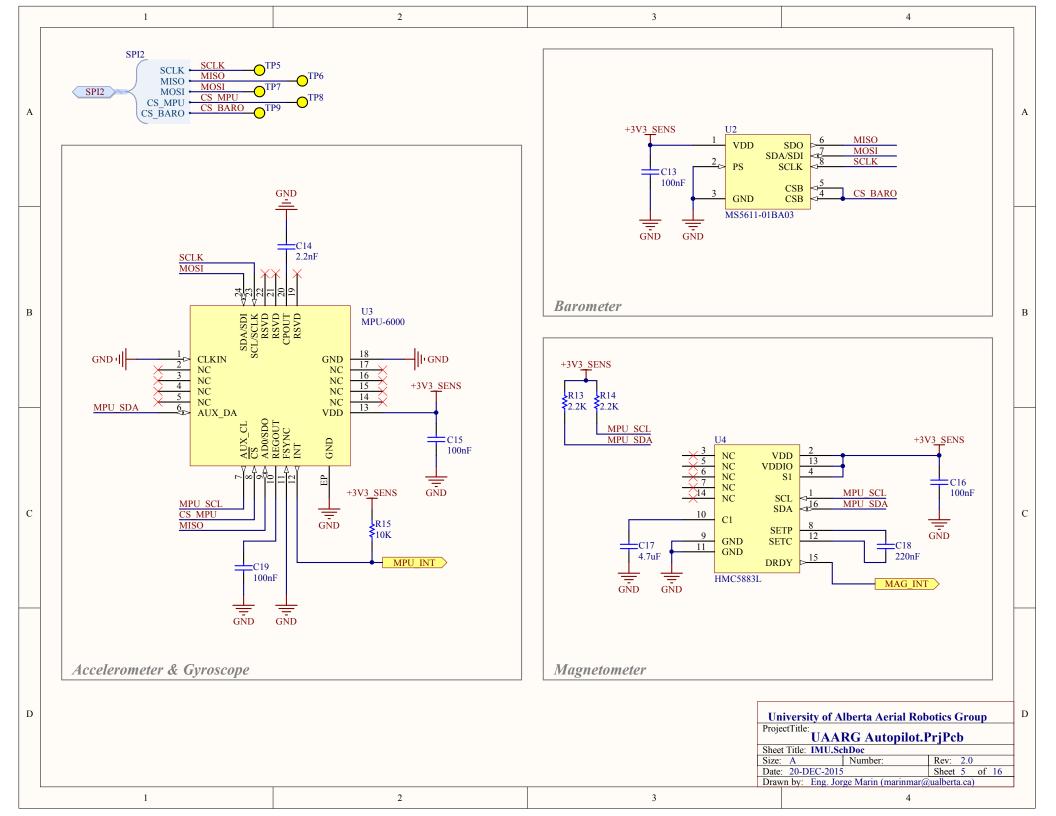
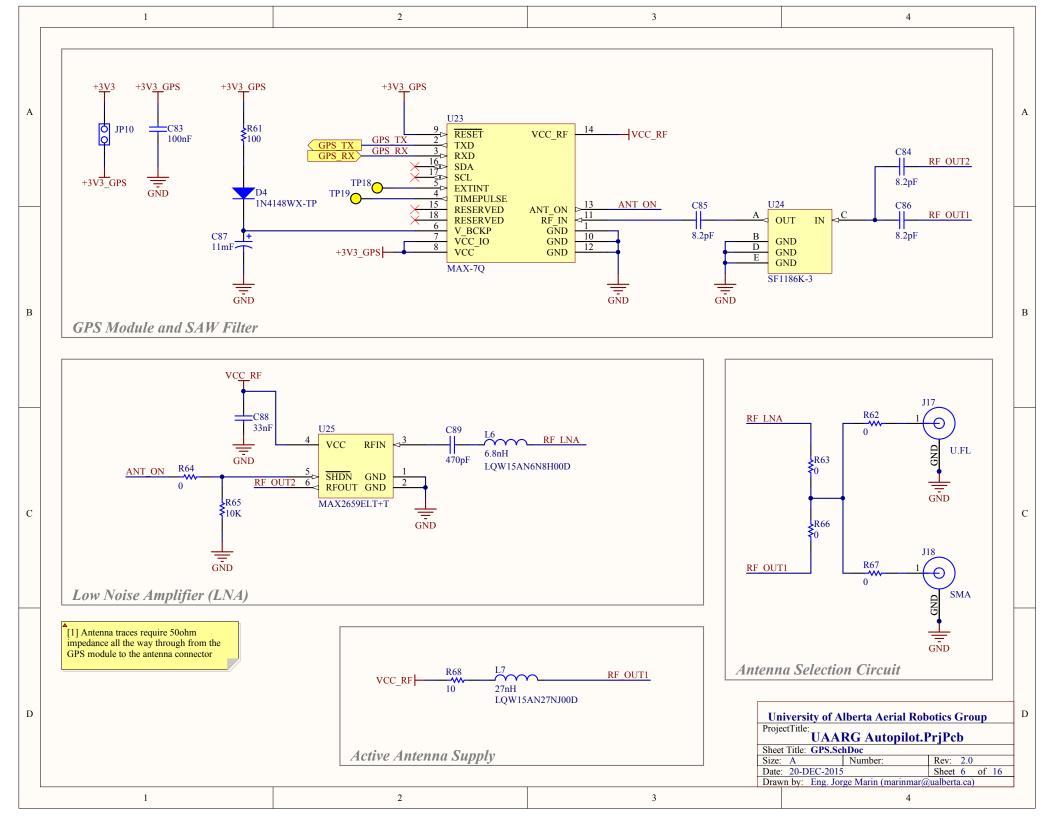
Project Title: UAARG Autopilot.PrjPcb Date: **20-DEC-2015** Revision: 2.0 **Blocks** Page Name Index U\_UAARG Autopilot UAARG Autopilot.SchDoc **UAARG** Autopilot **MCU IMU GPS** U Power CAN, JTAG, LDO, USB Power.SchDoc Telemetry, I2C Switches, UI Data Logger 10 Power U Notes Notes.SchDoc 11 Main Power **Backup Power** 12 13 Notes Documentation 14 U Documentation 15 **Revision History** Documentation.SchDoc 16 17 18 19 U Revision History Revision History.SchDoc 20 21 22 23 24 25 26 **University of Alberta Aerial Robotics Group** 27 UAARG Autopilot.PrjPcb 28 Sheet Title: Index.SchDoc Size: A Number: Date: 20-DEC-2015 Sheet 1 of 16 Drawn by: Eng. Jorge Marin (marinmar@ualberta.ca) 3

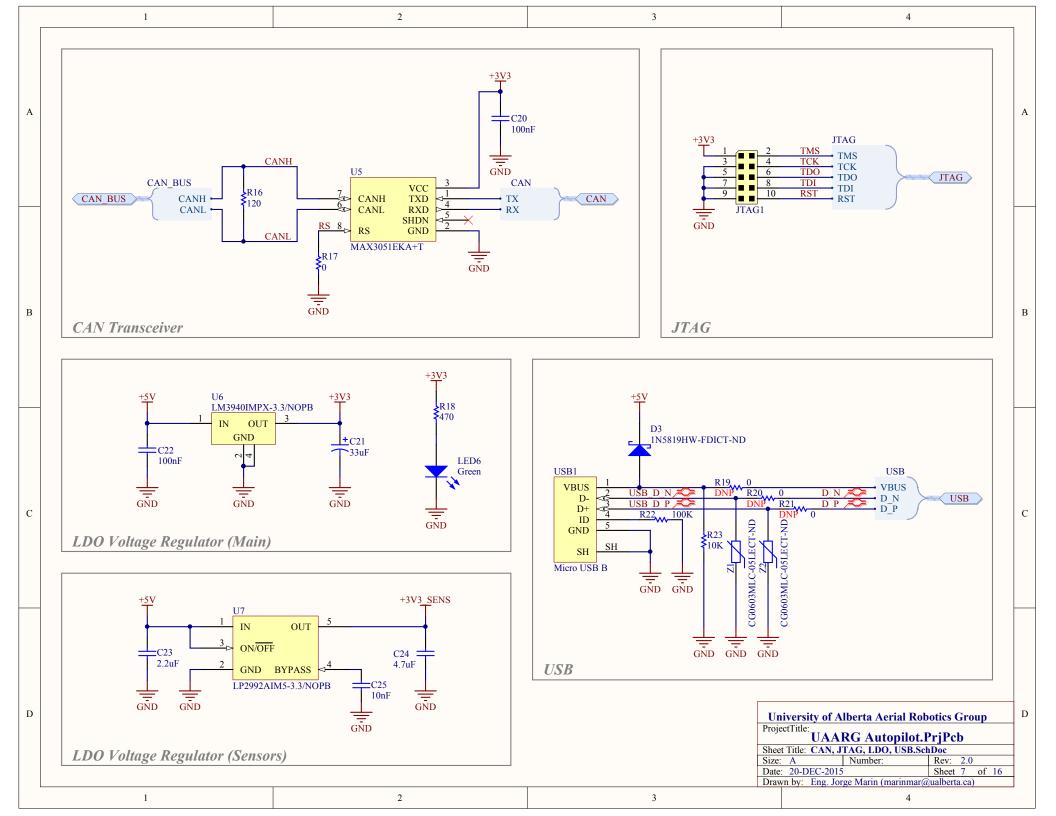


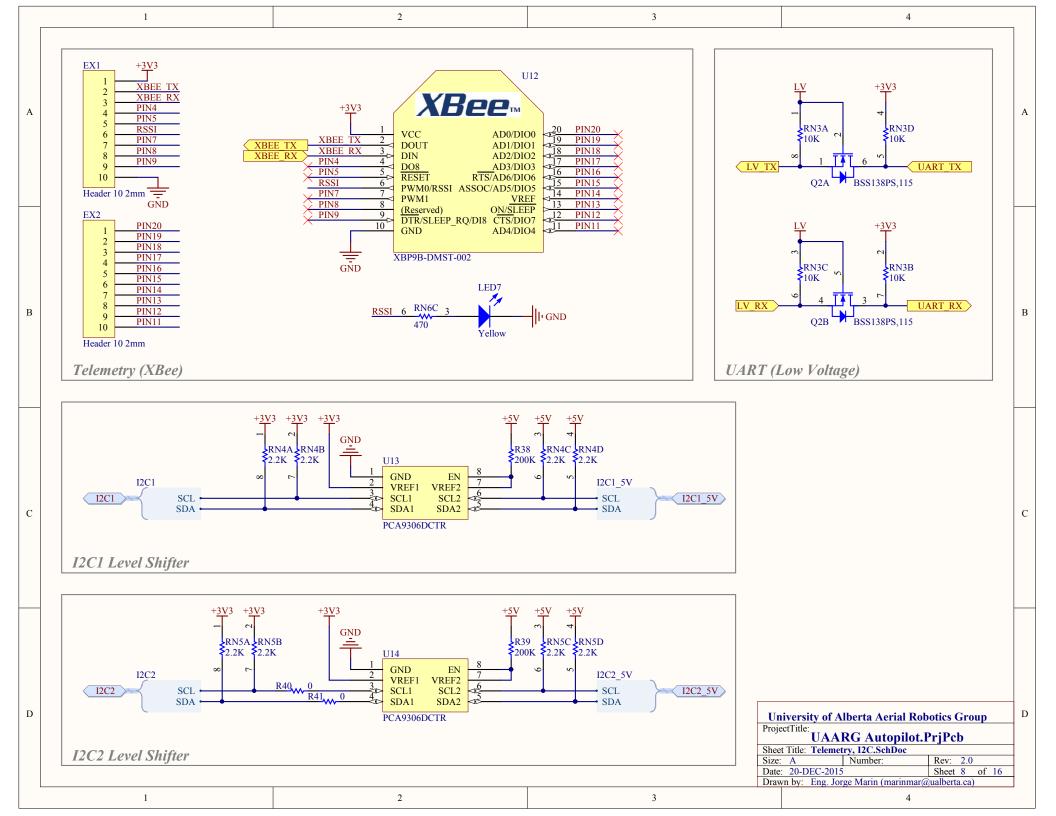


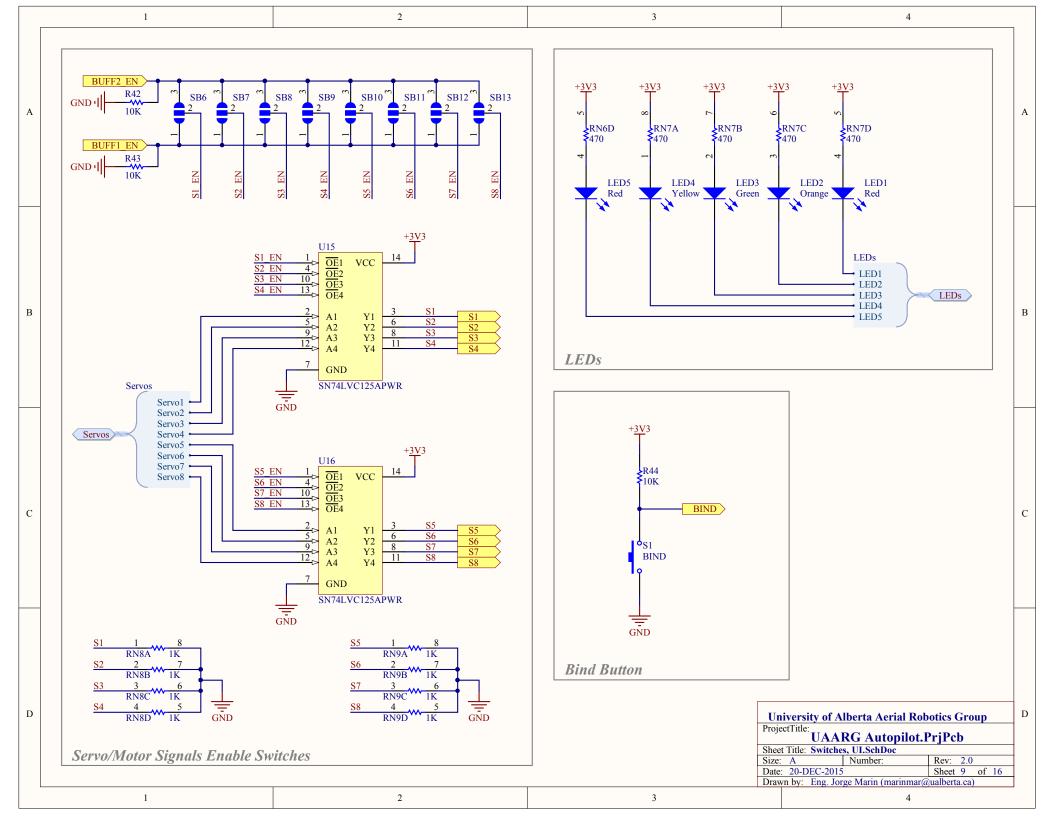


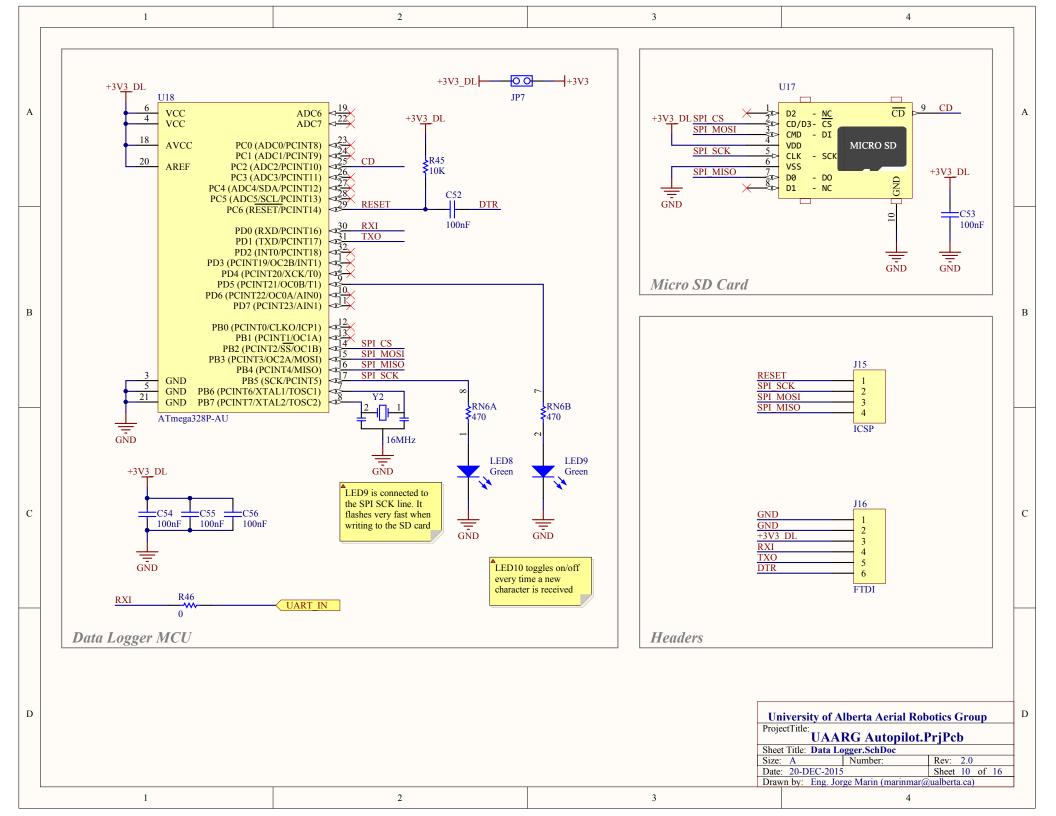


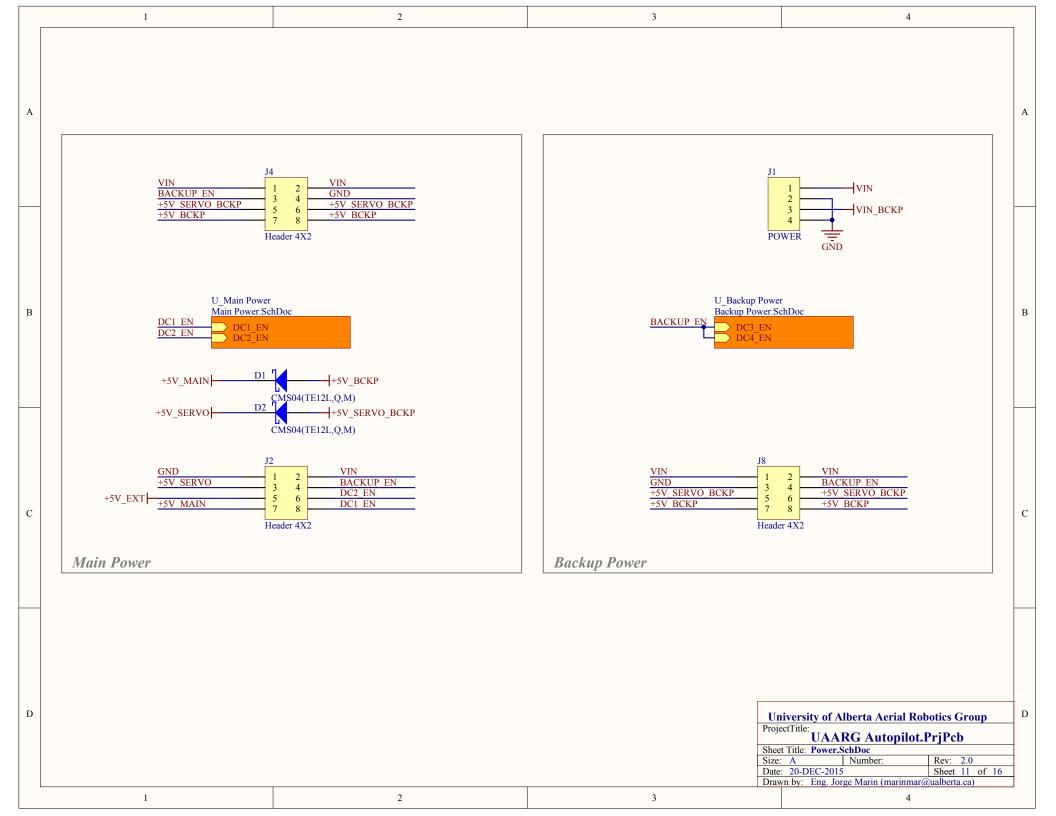


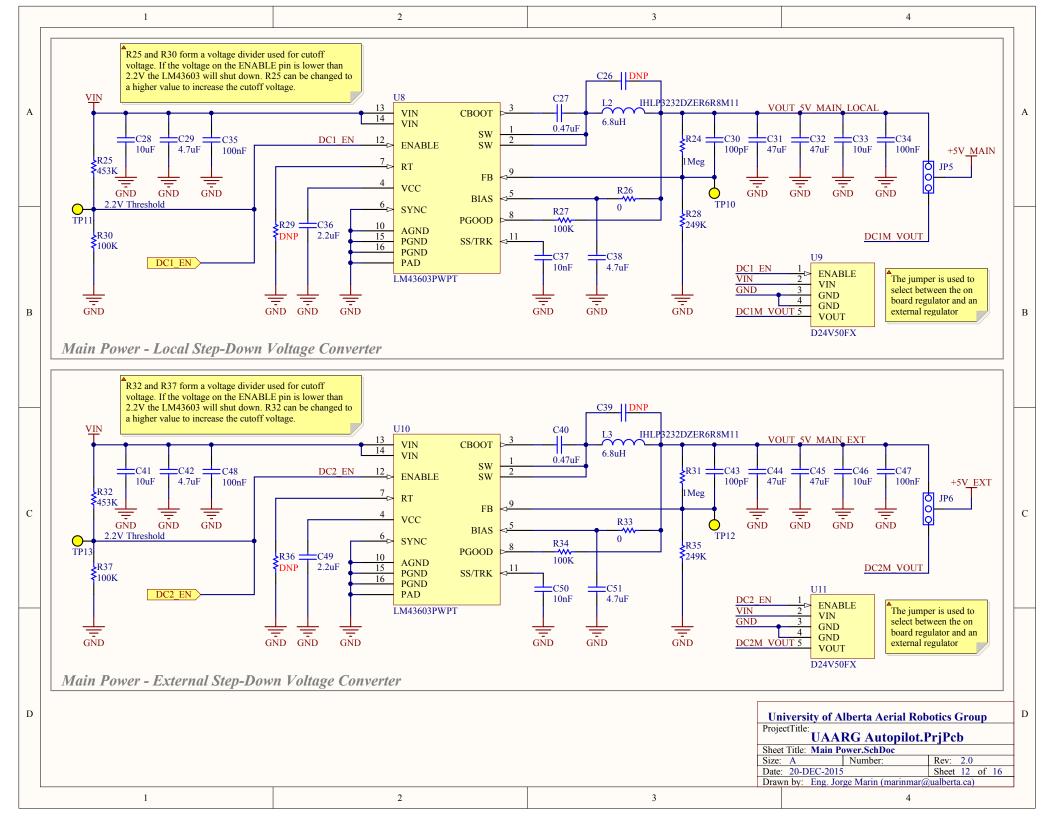


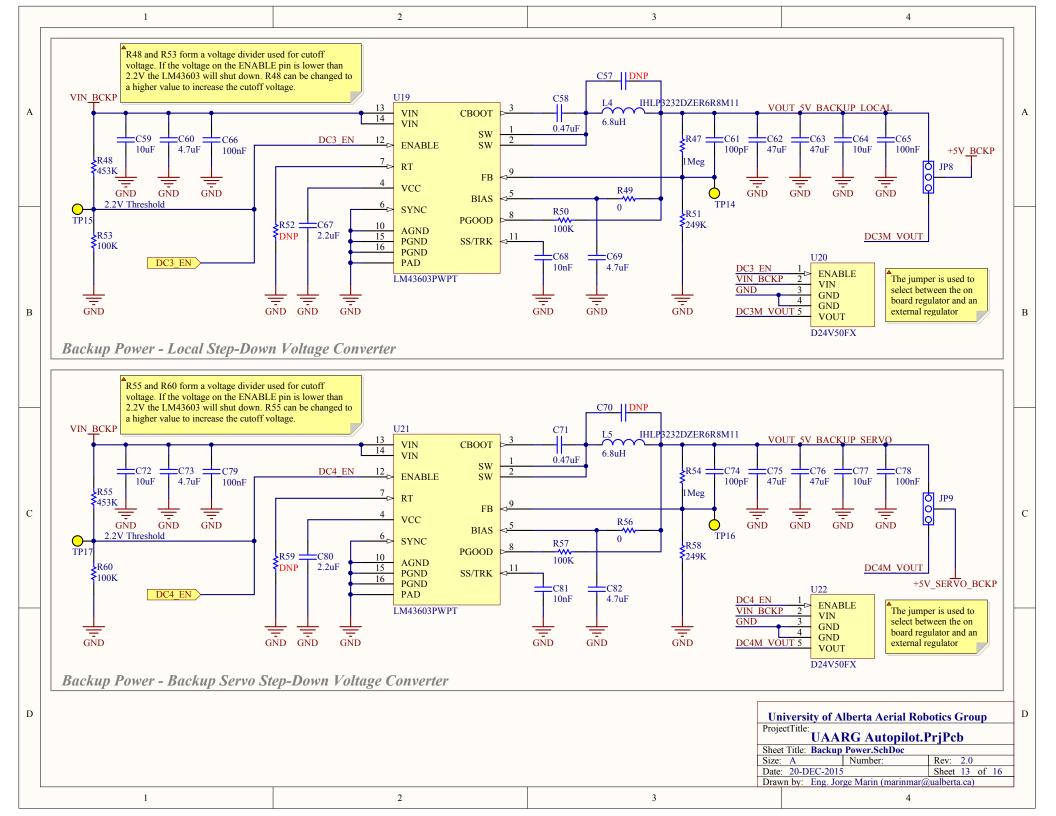


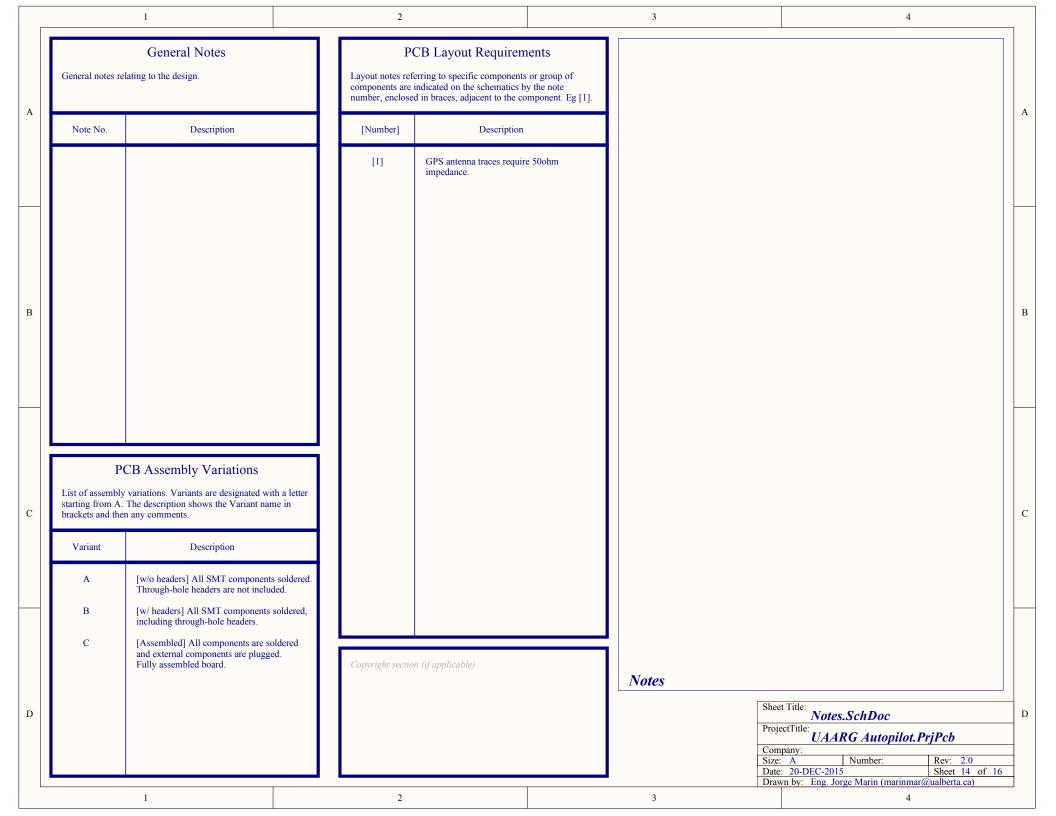












	1		2	
	SPI SLAVES	AND "CHIP SELE	CT" PIN MAPPING	
	NAME	PERIPHERAL		1
	SPI2	MPU-6000	PB12	1
		MS5611-01BA03	PC13	
	UART PORT	S MAPPING		•
	NAME	FUNCTION	MCU PIN	DEFAULT SET
	UART1	TX	PA9	-
		RX	PA10	RC Receiver 1 TX
	UART2	TX	PA2	XBee RX
		RX	PA3	XBee TX
	UART3	TX	PC10	GPS RX
		RX	PC11	GPS TX
	UART4	TX	PA0	SERVO_5
		RX	PA1	SERVO_6
	UART5	TX	PC12	GPIO PC12
		RX	PD2	RC Receiver 2 TX
	UART6	TX	PC6	SERVO_1
		RX	PC7	SERVO_2
	1		2	

