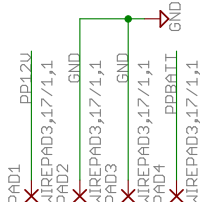


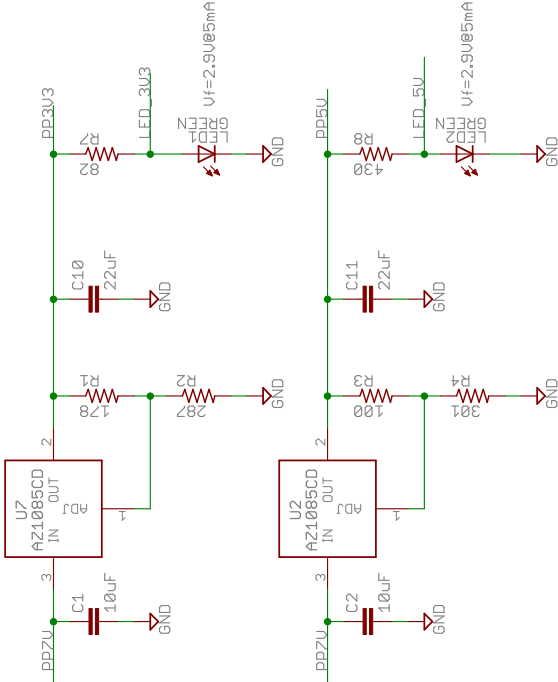
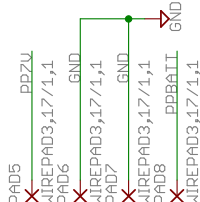
14.8V LiPo



12V SMPS



7V SMPS



POWER

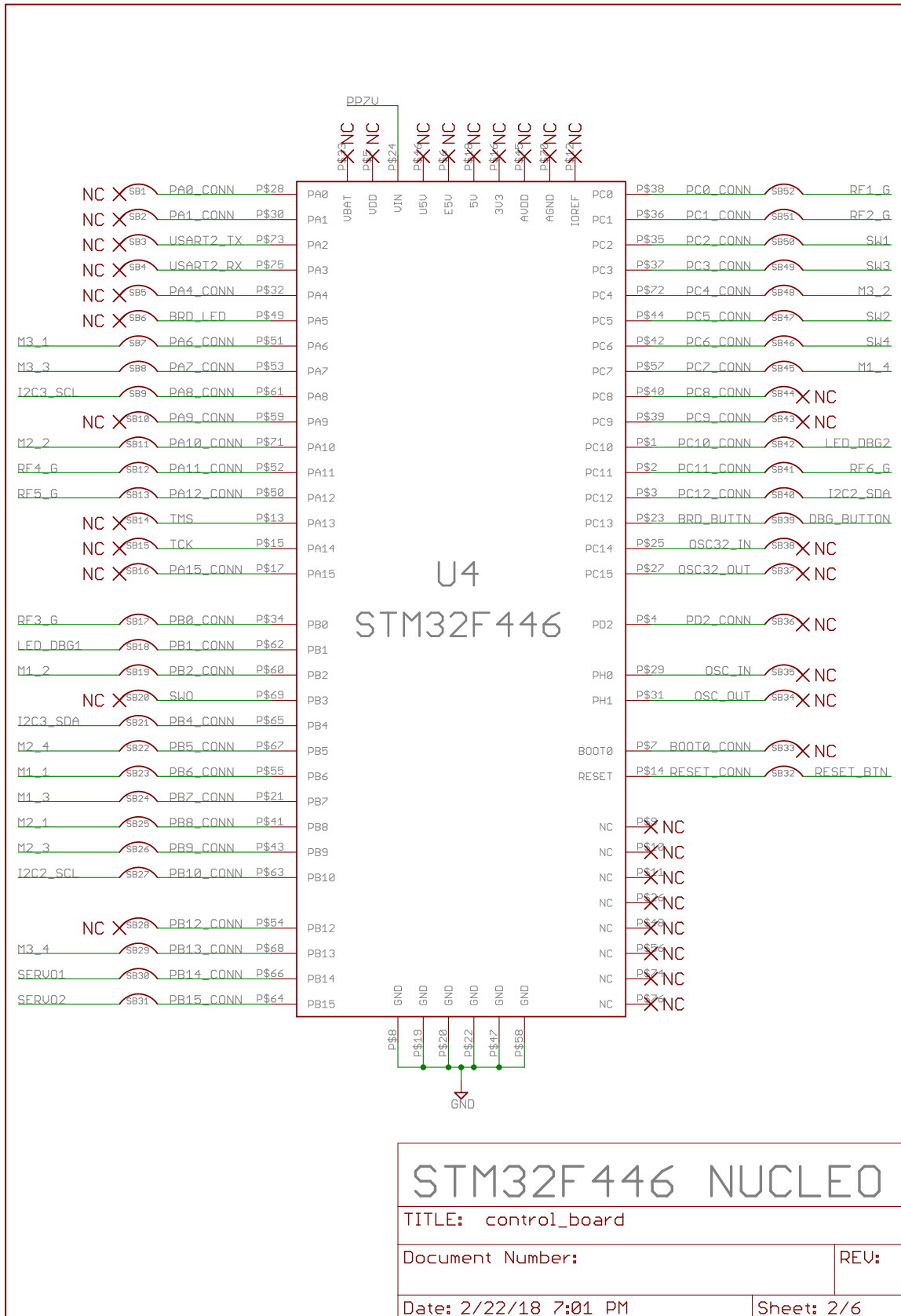
TITLE: control_board

Document Number:

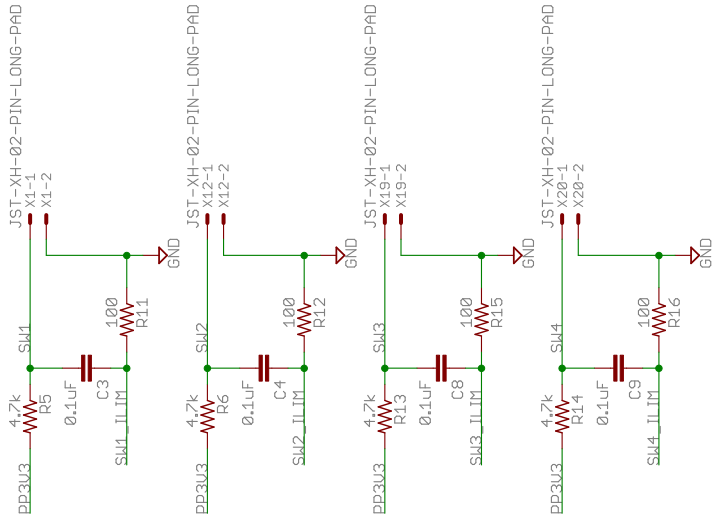
REV:

Date: 2/22/18 7:01 PM

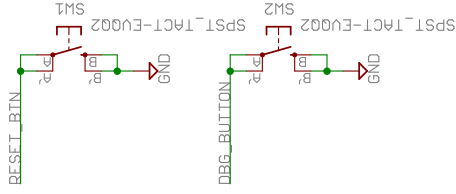
Sheet: 1/6



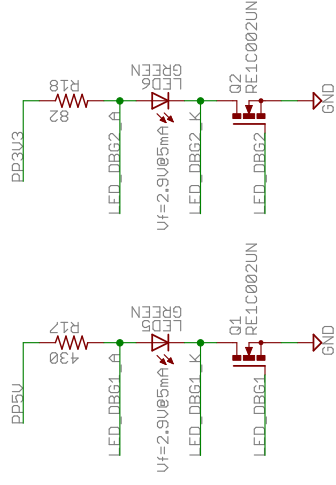
Microswitches



Debug Buttons



Debug LEDs



Switches & LEDs

TITLE: control_board

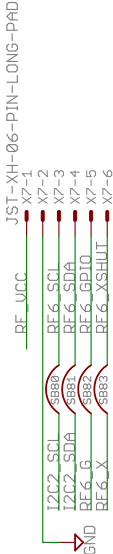
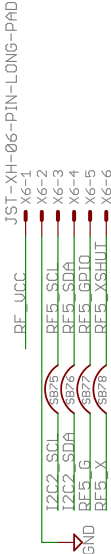
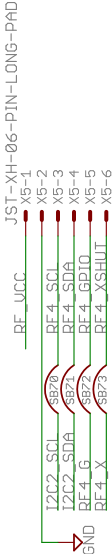
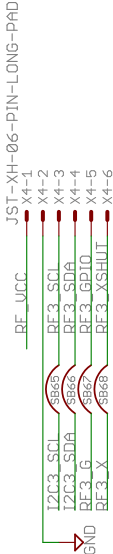
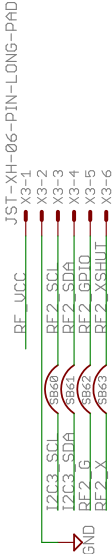
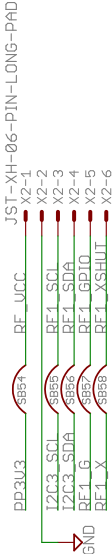
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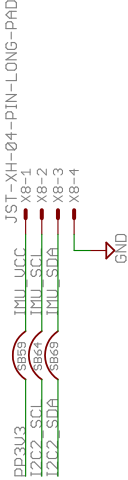
Date: 2/22/18 7:01 PM

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VL53L0X Rangefinders



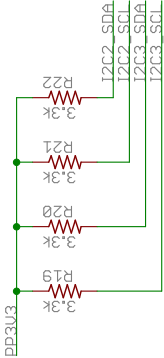
IMU



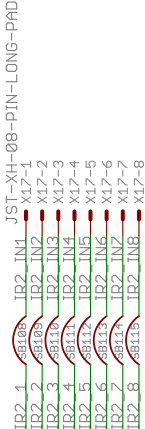
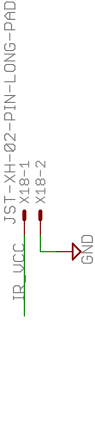
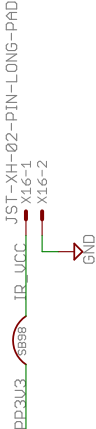
I2C ADDRESS TABLE

RF Initial	0x52
I2C2	0x52
RF 4	0x53
RF 5	0x54
RF 6	0x54
IMU_GYRO	0x69
IMU_ACCEL	0x19
IMU_MAG	0x1E
GPIO_EXPANDER3	0x3A
I2C3	0x52
RF 1	0x53
RF 2	0x53
RF 3	0x38
GPIO_EXPANDER1	0x39
GPIO_EXPANDER2	0x39

I2C PULL-UPS



IR PROXIMITY



SENSOR CONNECTORS

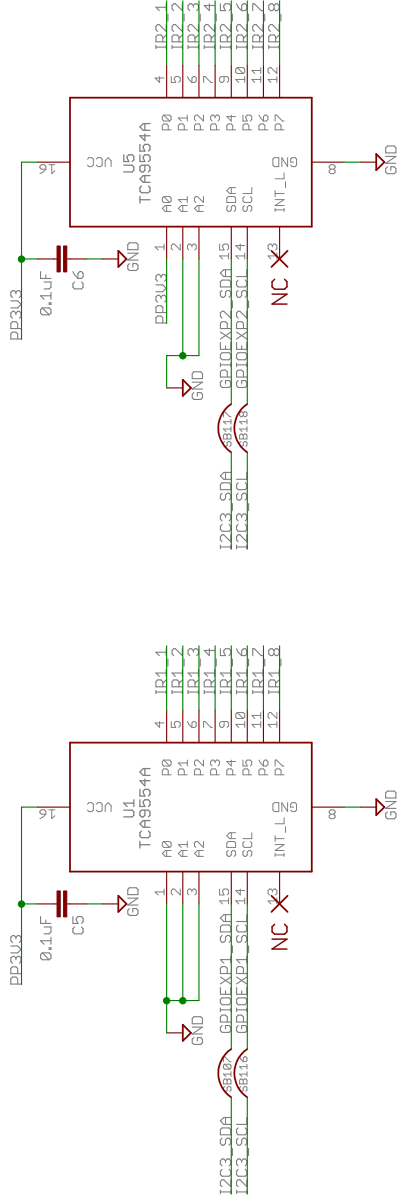
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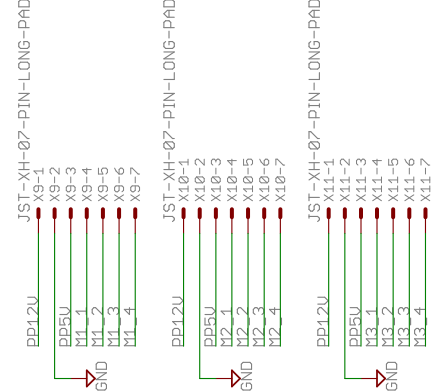
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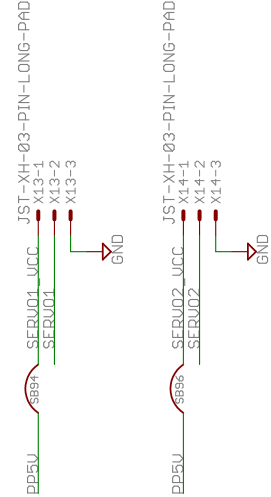
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MOTOR DRIVERS



SERVOs



MOTOR DRIVERS		
TITLE: control_board		
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