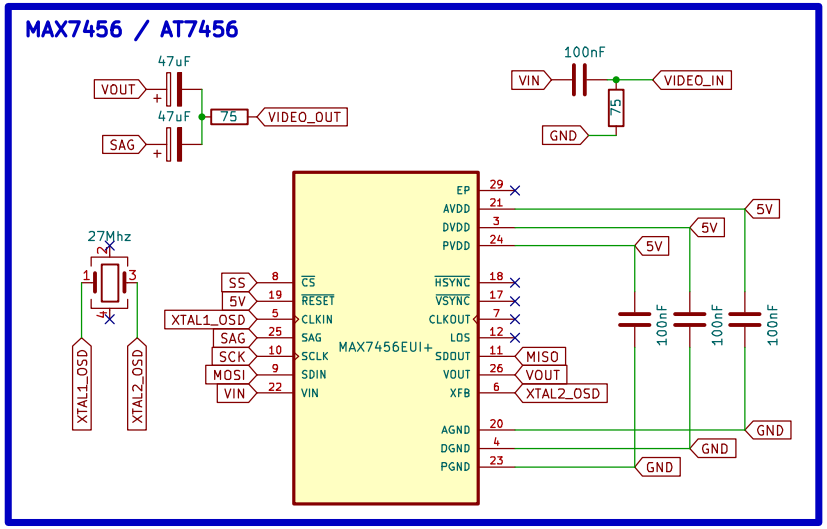
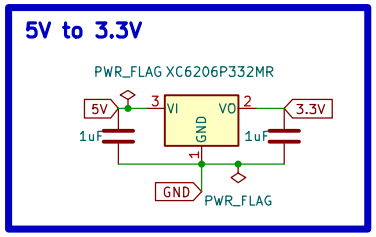
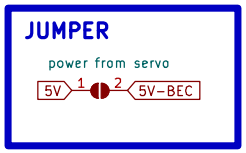
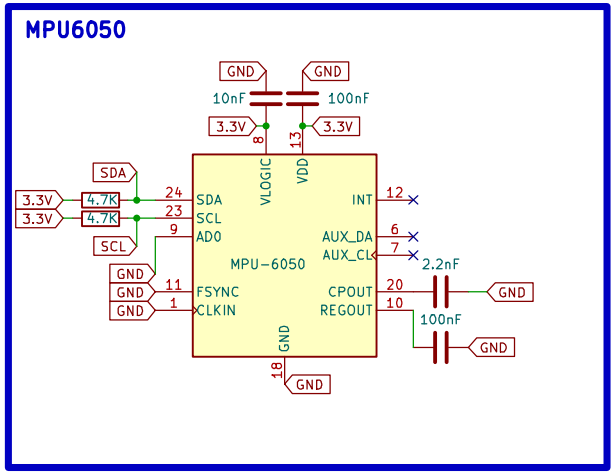
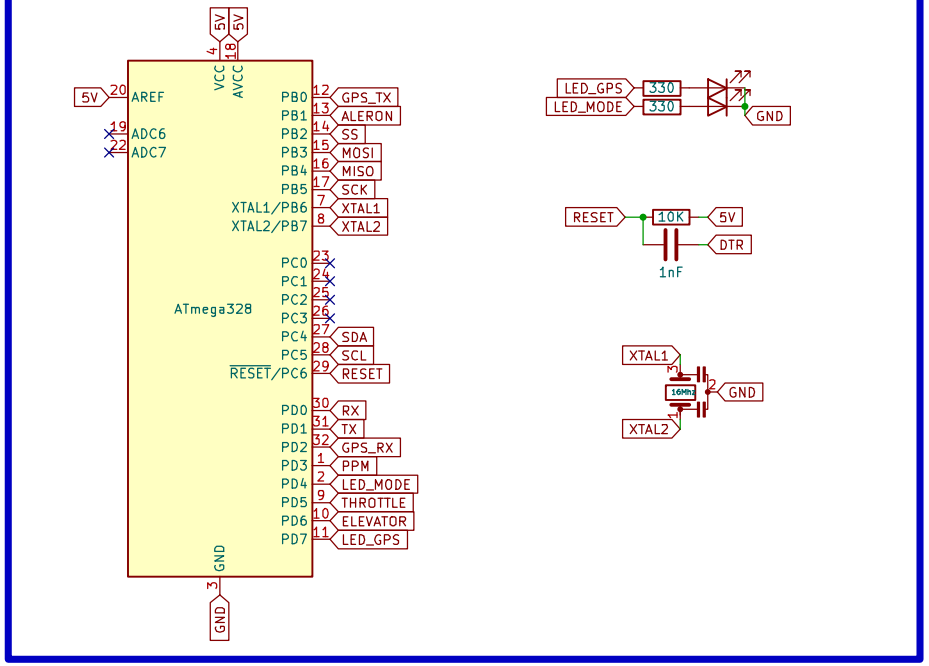
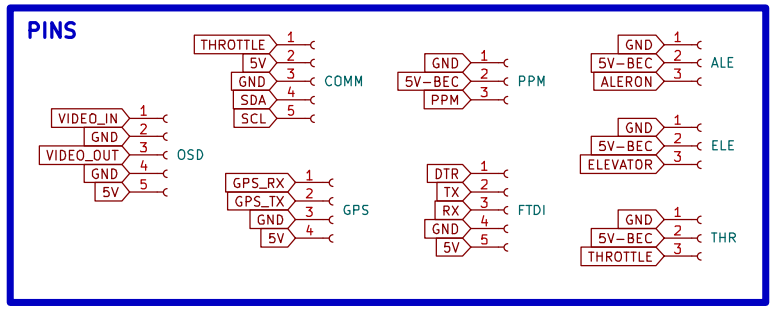

MAX7456 / AT7456
47uF
VOUT
47uF
SAG
75
VIDEO_OUT
100nF
VIN
VIDEO_IN
GND
75
27Mhz
XTAL1_OSD
XTAL2_OSD
SS
5V
XTAL1_OSD
SAG
SCK
MOSI
VIN
CS
RESET
CLKIN
SAG
SCLK
SDIN
VIN
MAX7456EUI+
EP
AVDD
DVDD
PVDD
HSYNC
VSYNC
CLKOUT
LOS
SDOUT
VOUT
XFB
AGND
DGND
PGND
MISO
VOUT
XTAL2_OSD
5V
5V
5V
100nF
100nF
100nF
GND
GND
GND


5V to 3.3V
PWR_FLAG
XC6206P332MR
5V
VI
GND
VO
3.3V
1uF
1uF
GND
PWR_FLAG


JUMPER
power from servo
5V
5V-BEC


MPU6050
GND
GND
10nF
100nF
3.3V
3.3V
SDA
3.3V
4.7K
3.3V
4.7K
SCL
GND
GND
GND
SDA
SCL
ADO
FSYNC
CLKIN
VLOGIC
VDD
INT
AUX_DA
AUX_CL
CPOUT
REGOUT
MPU-6050
GND
2.2nF
100nF
GND
GND
GND


ATMEGA328
5V
5V
VCC
AVCC
5V
AREF
ADC6
ADC7
PB0
PB1
PB2
PB3
PB4
PB5
XTAL1/PB6
XTAL2/PB7
PC0
PC1
PC2
PC3
PC4
PC5
RESET/PC6
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
ATmega328
GND
GND
GPS_TX
ALERON
SS
MOSI
MISO
SCK
XTAL1
XTAL2
SDA
SCL
RESET
RX
TX
GPS_RX
PPM
LED_MODE
THROTTLE
ELEVATOR
LED_GPS
LED_GPS
LED_MODE
330
330
GND
RESET
10K
5V
DTR
1nF
XTAL1
16Mhz
GND
XTAL2


PINS
VIDEO_IN
GND
VIDEO_OUT
GND
5V
OSD
THROTTLE
5V
GND
SDA
SCL
COMM
GPS_RX
GPS_TX
GND
5V
GPS
GND
5V-BEC
PPM
PPM
DTR
TX
RX
GND
5V
FTDI
GND
5V-BEC
ALERON
ALE
GND
5V-BEC
ELEVATOR
ELE
GND
5V-BEC
THROTTLE
THR