
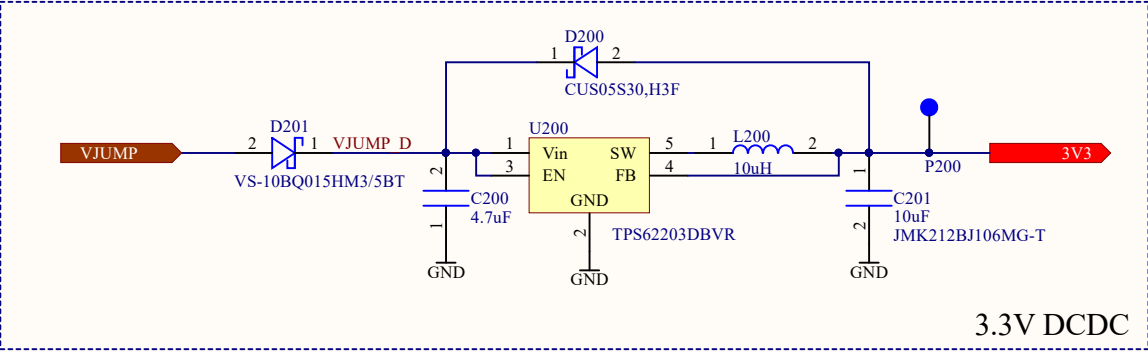
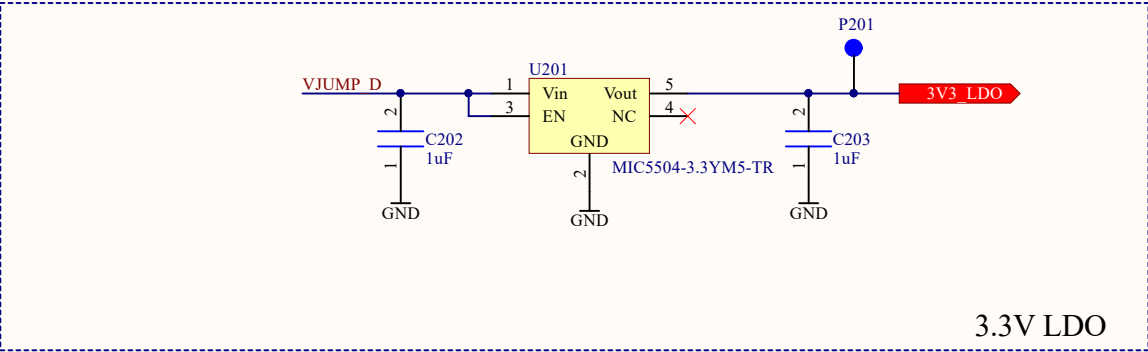


TITLE: XDRONE MAIN				
	CREATED BY	MODIFIED DATE	REV	PAGE
	Gabriel	20-May-24	v2.0	1 / 8



3.3V DCDC



3.3V LDO

GND

TITLE: POWER XDRONE				
	CREATED BY	MODIFIED DATE	REV	PAGE
	Gabriel	20-May-24	v2.0	2 / 8

A

B

C

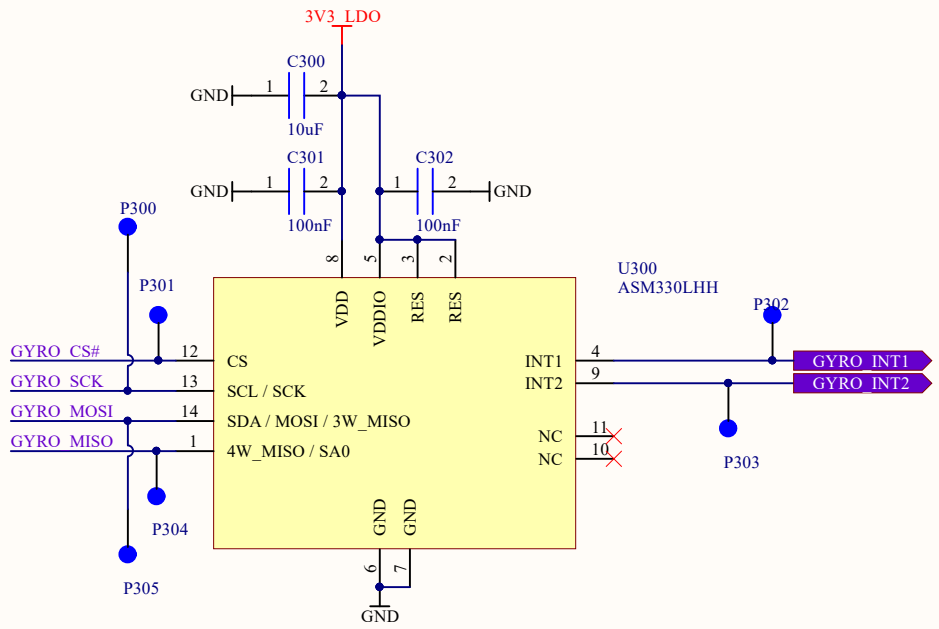
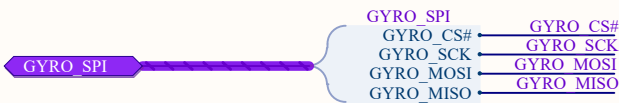
D

A

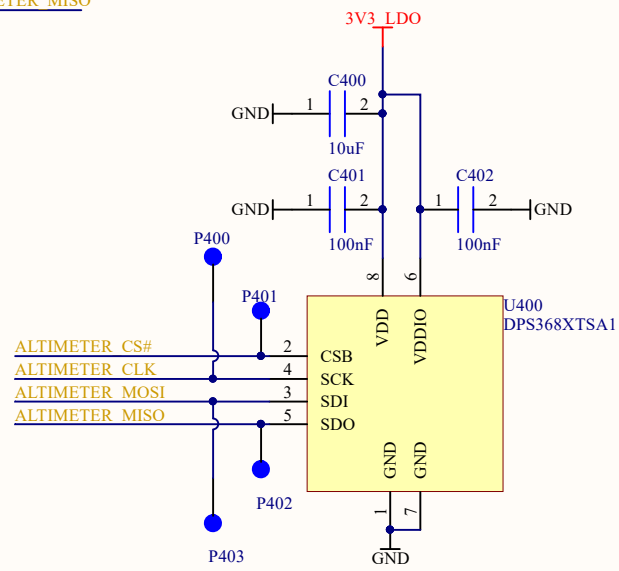
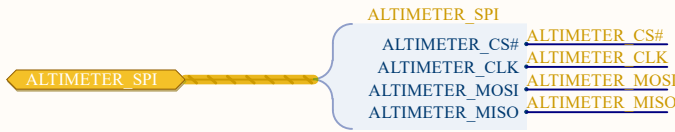
B

C

D



TITLE: GYRO XDRONE				
	CREATED BY	MODIFIED DATE	REV	PAGE
	Gabriel	20-May-24	v2.0	3 / 8



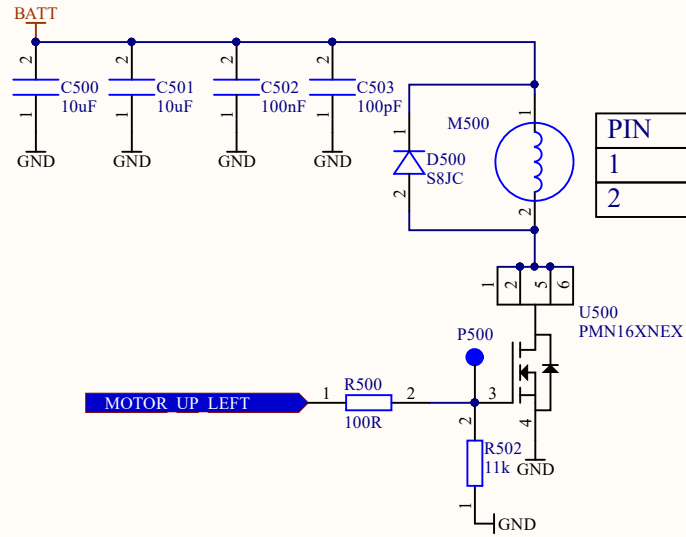
TITLE: ALTIMETER <i>XDRONE</i>				
	CREATED BY	MODIFIED DATE	REV	PAGE
	Gabriel	20-May-24	v2.0	4 / 8

A

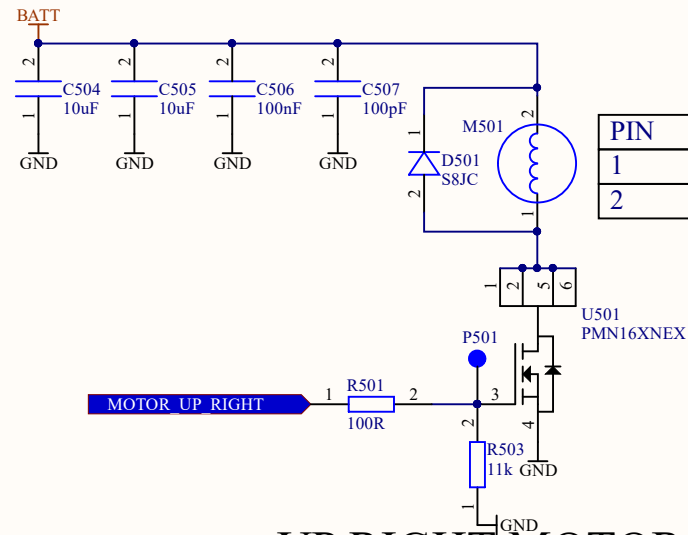
B

C

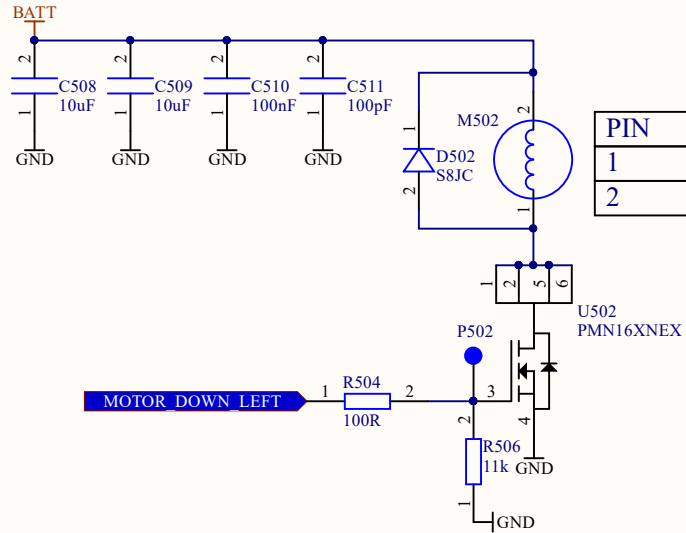
D



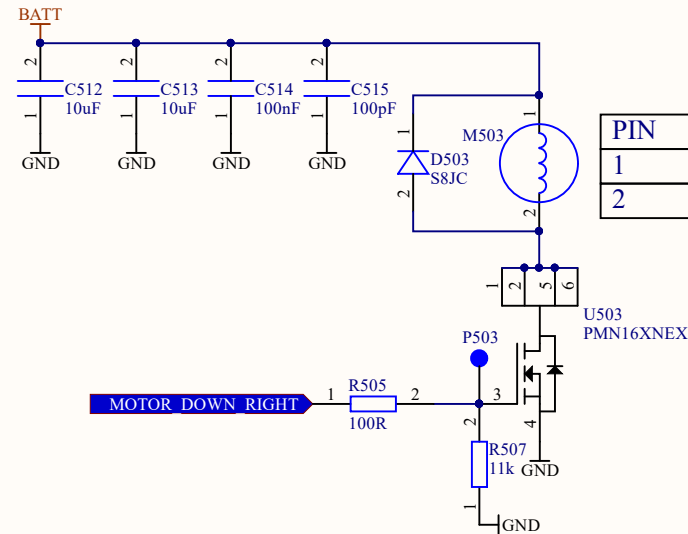
UP LEFT MOTOR



UP RIGHT MOTOR



DOWN LEFT MOTOR



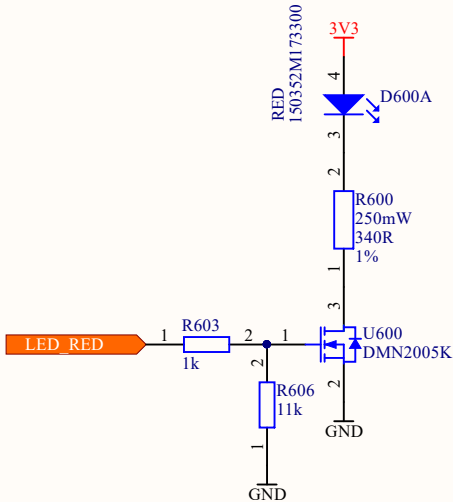
DOWN RIGHT MOTOR



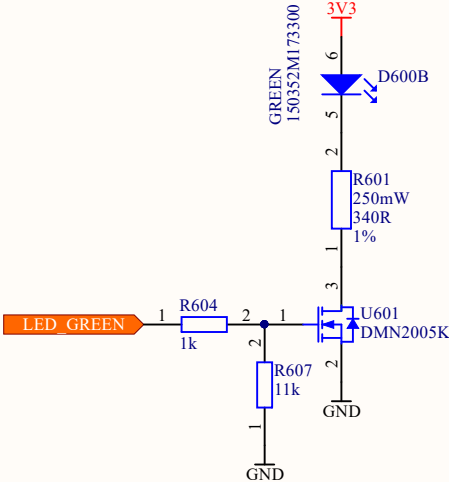
TITLE: MOTORS XDRONE				
	CREATED BY	MODIFIED DATE	REV	PAGE
	Gabriel	20-May-24	v2.0	5 / 8



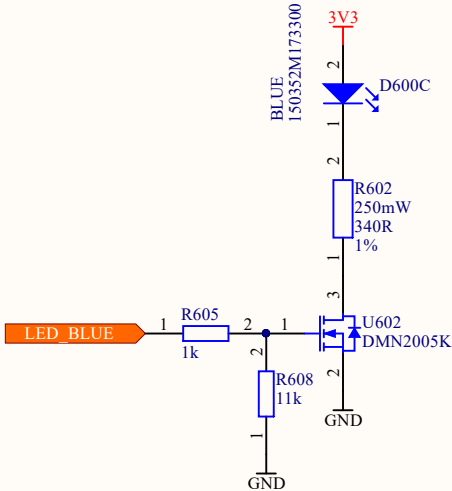
RED



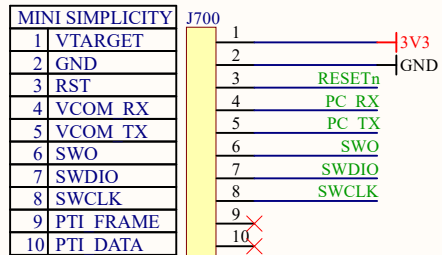
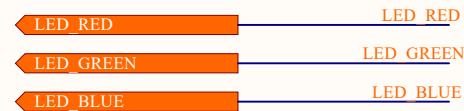
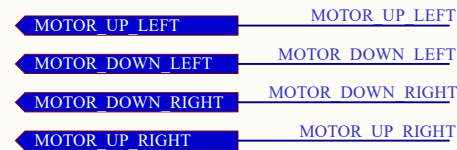
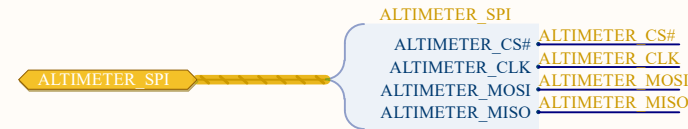
GREEN



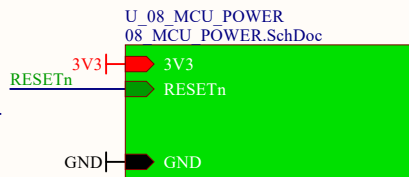
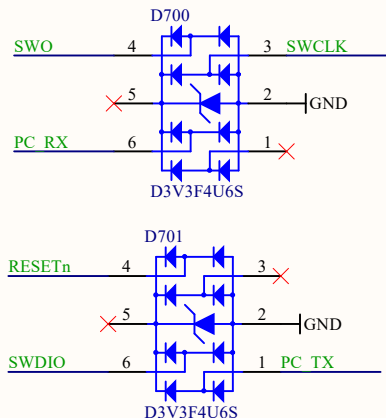
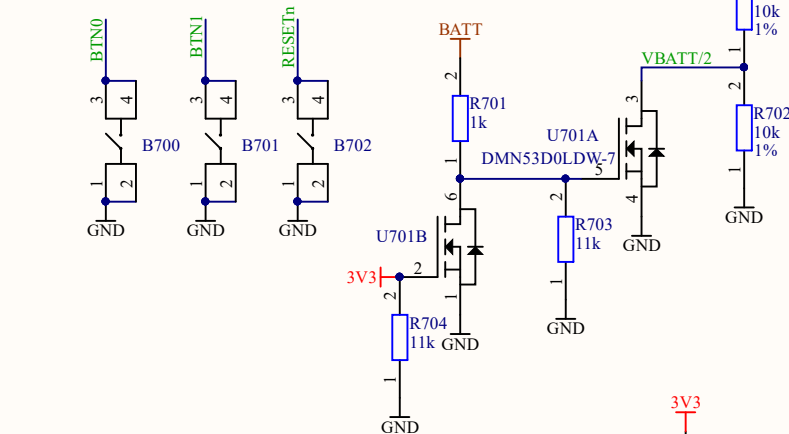
BLUE



TITLE: LED XDRONE				
	CREATED BY	MODIFIED DATE	REV	PAGE
	Gabriel	20-May-24	v2.0	6 / 8



FTSH-105-01-L-DV-K



U700A	
SWCLK	25
SWDIO	26
SWO	27
PC_RX	28
PC_TX	29
GYRO_INT1	30
GYRO_INT2	31
LED_RED	32
LED_GREEN	33
LED_BLUE	34
PA00	35
PA01	
PA02	
PA03	
PA04	
PA05	
PA06	
PA07	
PA08	
PA09	
PA10	

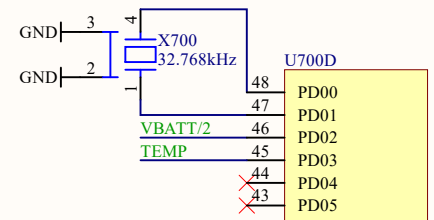
EFR32FG28A120F1024GM48-A

U700B	
GYRO_CS#	24
GYRO_SCK	23
GYRO_MOSI	22
GYRO_MISO	21
PB00	
PB01	
PB02	
PB03	

EFR32FG28A120F1024GM48-A

U700C	
ALTIMETER_CS#	1
ALTIMETER_CLK	2
ALTIMETER_MOSI	3
ALTIMETER_MISO	4
BTN1	5
BTN0	6
MOTOR_UP_LEFT	7
MOTOR_DOWN_LEFT	8
MOTOR_DOWN_RIGHT	9
MOTOR_UP_RIGHT	10
PC00	
PC01	
PC02	
PC03	
PC04	
PC05	
PC06	
PC07	
PC08	
PC09	

EFR32FG28A120F1024GM48-A



EFR32FG28A120F1024GM48-A

TITLE: MCU XDRONE				
	CREATED BY	MODIFIED DATE	REV	PAGE
	Gabriel	20-May-24	v2.0	7 / 8

A

B

C

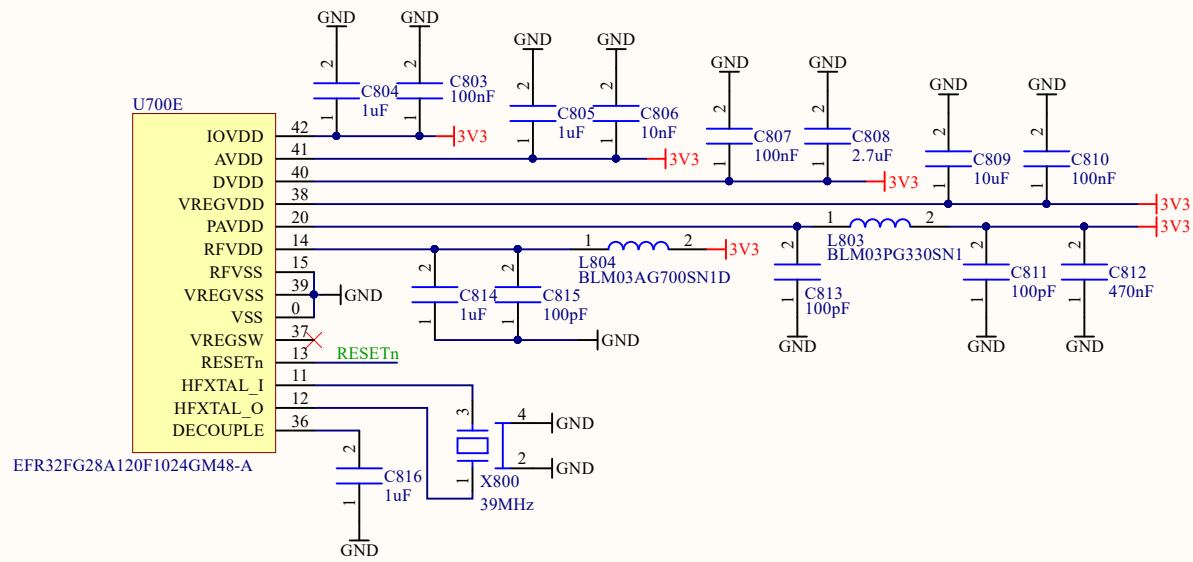
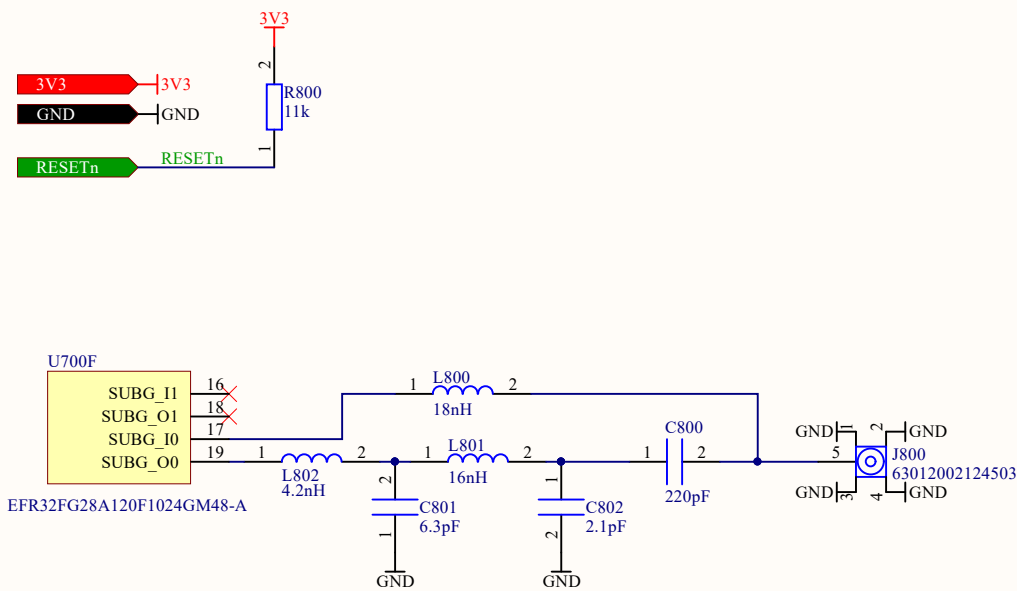
D


A

B

C

D



TITLE: MCU POWER XDRONE				
	CREATED BY	MODIFIED DATE	REV	PAGE
	Gabriel	20-May-24	v2.0	8 / 8