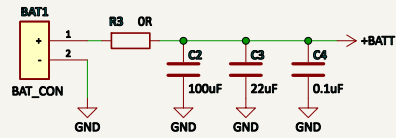
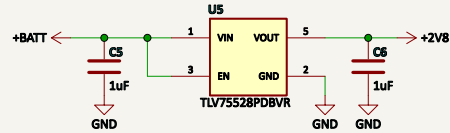


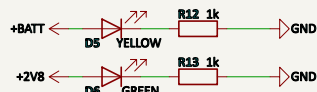
## BATTERY CONNECTOR



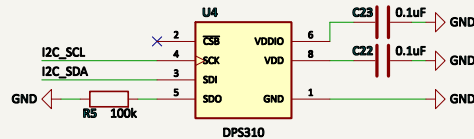
## 2V8 LDO REGULATOR



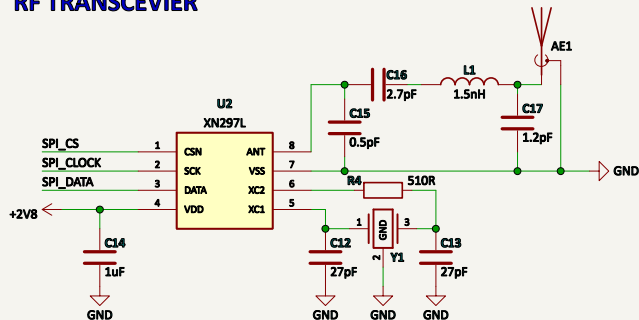
## POWER INDICATOR



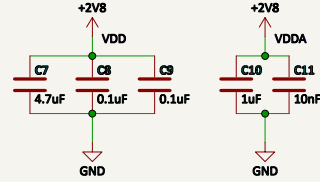
## BAROMETER



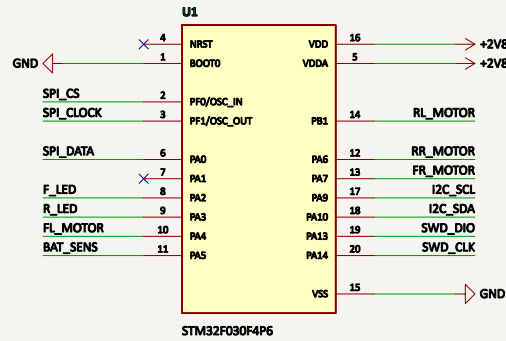
## RF TRANSCEIVER



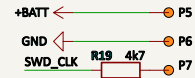
## MCU DECOUPLE CAP



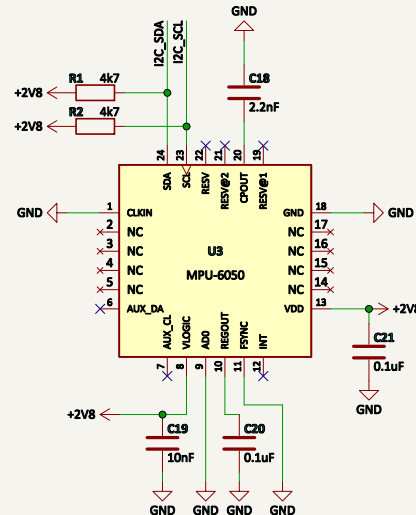
## MCU



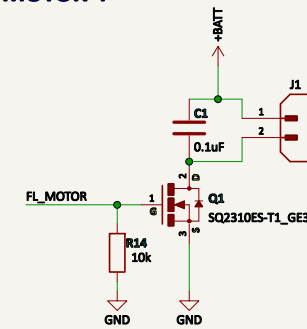
## SBUS RX



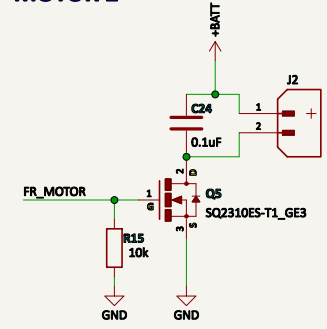
## GYRO & ACC



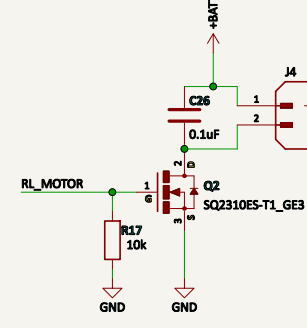
## MOTOR 4



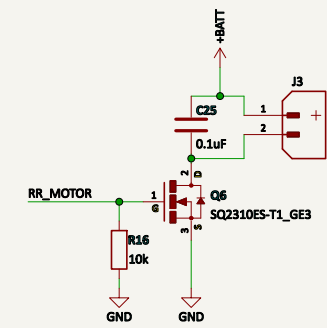
## MOTOR 2



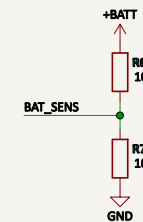
## MOTOR 3



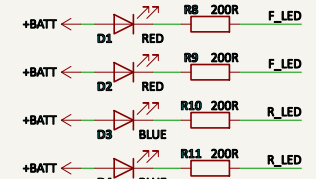
## MOTOR 1



## BATTERY SENS



## SOME LED's



## Title: F030\_FC\_ToyDrone

Prj ID: 02 Rev: 0.1 Date: 2023-06-25

Client: AVIATION

Address: Majiwada, Thane (West)  
Maharashtra 400601, India

POC: DINESH SAIN

Author: Ashish Jaiswal (MechAsh)

e-mail: j.mechash@gmail.com

Address: 1932, Sint-Stevens-Woluwe, Zaventem, Belgium

Sheet: / Size: A4

File: DA\_02\_0V1\_F03\_FC.kicad\_sch

KiCad E.D.A. kicad 7.0.2



Designator	Footprint	Quantity	Value	LCSC Part #
C1, C24, C25, C26, C4	C_0805	5	0.1uF	C1854118
C10, C14, C5, C6	C_0603	4	1uF	C113807
C11, C19	C_0603	2	10nF	C344025
C12, C13	C_0603	2	27pF	C107045
C15	C_0603	1	0.5pF	C134255
C16	C_0603	1	2.7pF	C701311
C17	C_0603	1	1.2pF	C913582
C18	C_0603	1	2.2nF	C519416
C2	C_0805	1	100uF	C141660
C20, C21, C22, C23, C8, C9	C_0603	6	0.1uF	C519438
C3	C_0805	1	22uF	C77071
C7	C_0603	1	4.7uF	C109456
D1, D2	LED_0603	2	RED	C266784
D3, D4	LED_0603	2	BLUE	C435849
D5	LED_0603	1	YELLOW	C962599
D6	LED_0603	1	GREEN	C4749244
J1, J2, J3, J4	MOLEX_532610271	4	Molex_532610271	C189700
L1	L_0603	1	1.5nH	C22223
Q1, Q2, Q5, Q6	SOT-23-3	4	SQ2310ES-T1_GE3	C145342
R1, R19, R2	R_0805	3	4k7	C99782
R10, R11, R8, R9	R_0805	4	200R	C114664
R12, R13	R_0805	2	1k	C14676
R14, R15, R16, R17, R6, R7	R_0805	6	10k	C98220
R18	R_0805	1	33K	C138282
R3	R_0805	1	0R	C100045
R4	R_0603	1	510R	C114670
R5	R_0805	1	100k	C14675
U1	TSSOP-20	1	STM32F030F4P6	C32908
U2	SOP8-EP	1	XN297L	
U3	QFN-24	1	MPU-6050	C24112
U4	VFLGA-8	1	DPS310	C130156
U5	SOT-23-5	1	TLV75528PDBVR	C2868951
Y1	SMD2016-4P	1	ABM11W-16.0000MHZ	C2965579