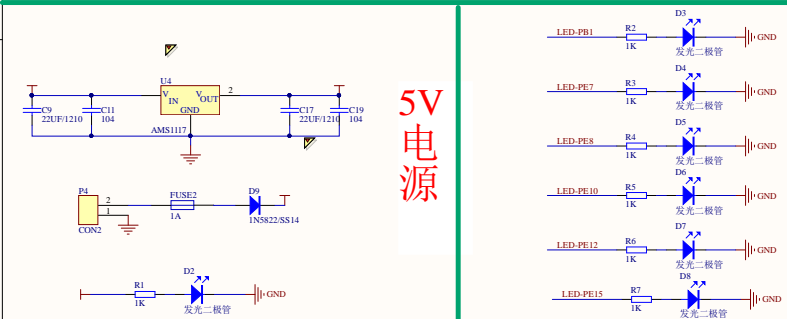
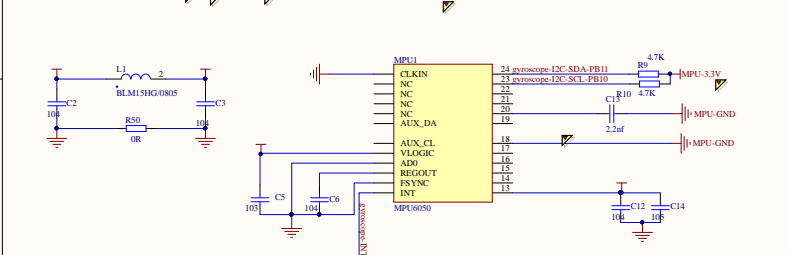


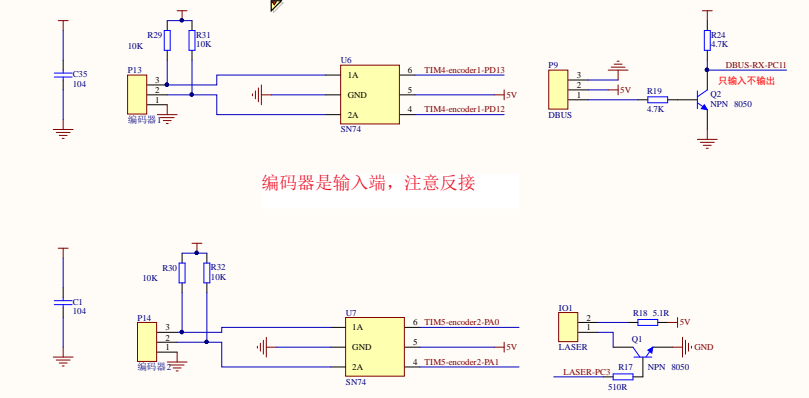
CAN
通信



5V
电源



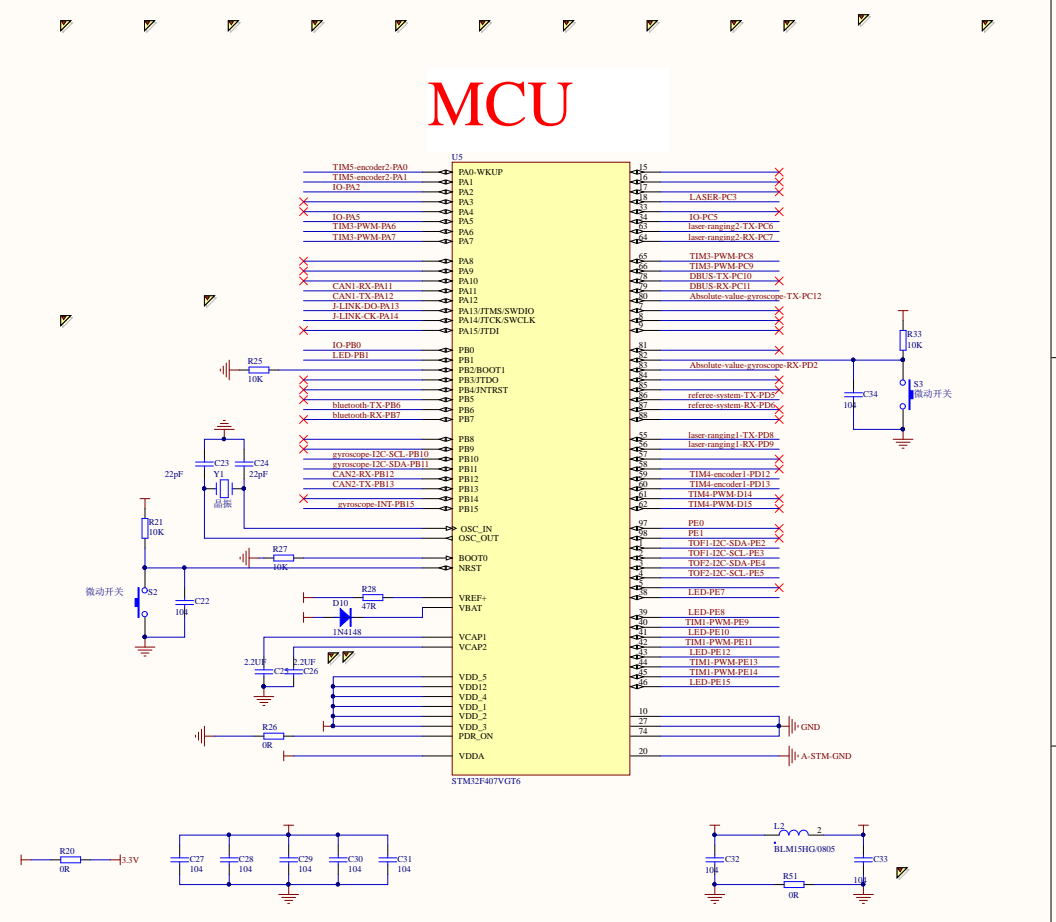
陀螺仪



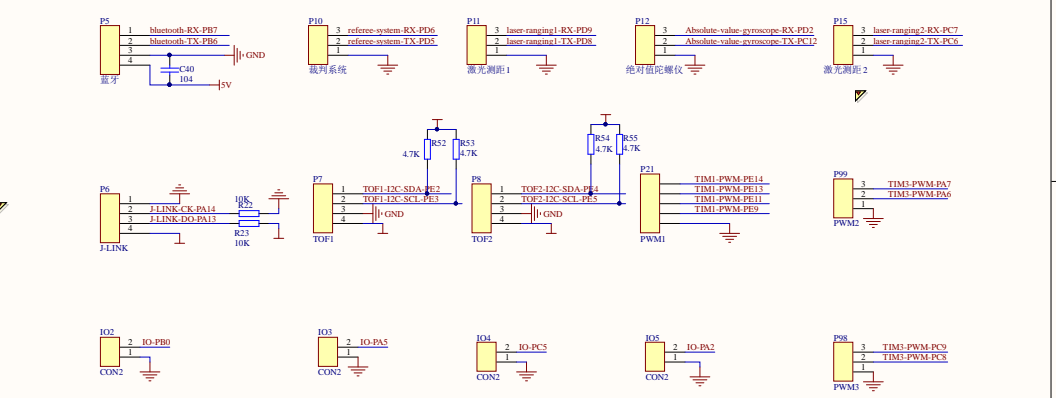
外接
IO

编码器是输入端，注意反接

所接5V为芯片供电



MCU



Title		
Size	Number	Revision
A2		
Date:	2019/1/23	Sheet of
File:	C:\Users\2019年一代主\Documents\STM32F407VGT6	

Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor	C1, C2, C3, C6, C7, C8, C11, C12, C19, C22, C27, C28, C29, C30, C31, C32, C33, C34, C35, C40	0805C	普通电容_1	20
103	Capacitor	C5	0805C	普通电容_1	1
22UF/1210	Capacitor	C9, C17	DJI C-1210	普通电容_1_1	2
2.2nf	Capacitor	C13	0805C	普通电容_1	1
105	Capacitor	C14	0805C	普通电容_1	1
22pF	Capacitor	C23, C24	0805C	普通电容	2
2.2UF	Capacitor	C25, C26	0805C	普通电容	2
发光二极管		D2, D3, D4, D5, D6, D7, D8	发光二极管	发光二极管	7
1N5822/SS14		D9	SS14	普通二极管	1
1N4148		D10	D-SOD80(MLL34)	普通二极管	1
1A		FUSE2	保险丝	保险丝	1
LASER		IO1	con2粉色弯角	CON2_1	1
CON2		IO2, IO3, IO4, IO5	con2粉色弯角	CON2_1	4
BLM15HG/0805		L1, L2	L0805SMD	L0805SMD	2
MPU6050		MPU1	MPU6050	MPU6050	1
MX3.0_2X1/小黑头		P2, P3	MX3.0 2*1P	MX3.0_2X1	2
CON2		P4	MX4_2*1P	CON2	1
蓝牙		P5	con4粉色弯角	CON4_1	1
J-LINK		P6	con4粉色弯角	CON4_1	1
TOF1		P7	con4粉色弯角	CON4_1	1
TOF2		P8	con4粉色弯角	CON4_1	1
DBUS		P9	CON3/粉色弯角	CON3	1
裁判系统		P10	CON3/粉色弯角	CON3	1
激光测距1		P11	CON3/粉色弯角	CON3	1
绝对值陀螺仪		P12	CON3/粉色弯角	CON3	1
编码器1		P13	CON3/粉色弯角	CON3	1
编码器2		P14	CON3/粉色弯角	CON3	1
激光测距2		P15	CON3/粉色弯角	CON3	1
PWM1	Connector	P21	con5粉色弯角	CON5	1
PWM3		P98	CON3/粉色弯角	CON3	1
PWM2		P99	CON3/粉色弯角	CON3	1
NPN 8050	NPN General Purpose Amplifier	Q1, Q2	SOT-23	NPN	2
1K		R1, R2, R3, R4, R5, R6, R7	R-0805	R0805SMD	7
0R		R8, R11, R13, R20, R26, R50, R51	R-0805	R0805SMD	7
4.7K		R9, R10, R19, R24, R52, R53, R54, R55	R-0805	R0805SMD_1	8
120R		R12, R14	R-0805	R0805SMD	2
510R		R17	R-0805	R0805SMD_1	1
5.1R		R18	R-0805	R0805SMD_1	1
10K		R21, R22, R23, R25, R27, R29, R30, R31, R32, R33	R-0805	R0805SMD_1	10
47R		R28	R-0805	R0805SMD_1	1
SW DIP-2	DIP Switch, 2 Position, SPST	S1	DIP-4	SW DIP-2	1
微动开关		S2, S3	按键	微动开关	2
VP232		U2, U3	SN65HVD232	VP232	2
AMS1117		U4	SOT-223-1117	1117-1	1
STM32F407VGT6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 100-pin LQFP, Industrial Temperature	U5	LQFP100_N	STM32F407VGT6	1
SN74		U6, U7	MP2451	SN74	2
晶振		Y1	3225	晶振	1