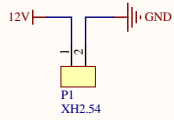
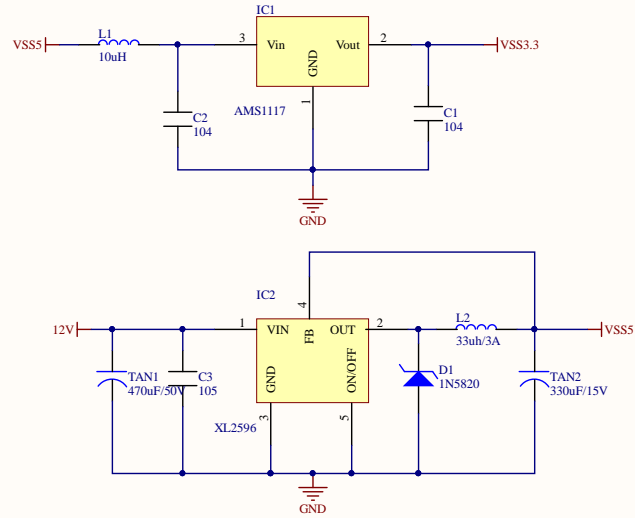
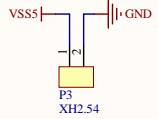


电源接口

锂电池输入

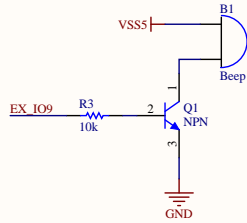


5V输出

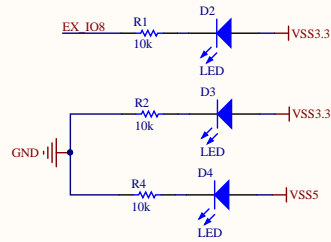


其它器件

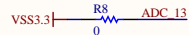
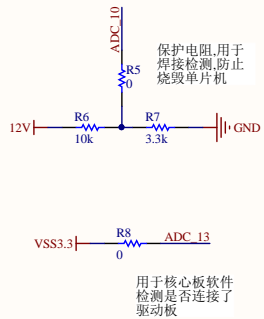
蜂鸣器



LED指示灯



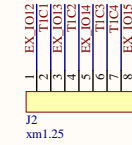
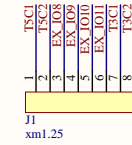
电压测量



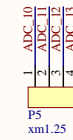
用于核心板软件
检测是否连接了
驱动板

船主控板接口

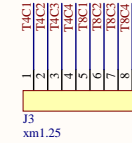
直流电机控制输入接口1 直流电机控制输入接口2



模拟量输出

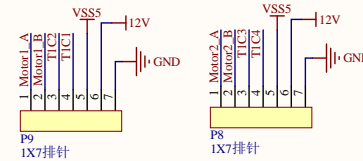


舵机电调信号输入接口



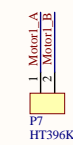
外围接口

A4950电机驱动模块

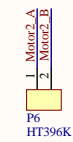


平行,相距20mm,反对称。
T1C1 T1C2 控制Motor2
T1C3 T1C4 控制Motor1

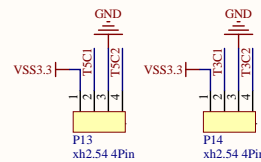
直流减速电机1端子



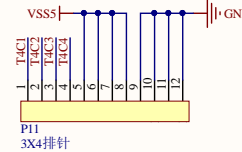
直流减速电机2端子



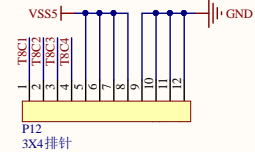
霍尔编码器接口



电调信号输出



舵机接口



Comment	Description	Designator	Footprint	LibRef	Quantity
Beep		B1	蜂鸣器	Beep	1
104		C1	C 0603	电容	1
104		C2	C 0603	电容	1
105		C3	C 0603	电容	1
1N5820		D1	1N5824	稳压二极管	1
LED	Typical INFRARED	D2	LED 0603	LED	1
LED	Typical INFRARED	D3	LED 0603	LED	1
LED	Typical INFRARED	D4	LED 0603	LED	1
AMS1117		IC1	SOT-223	AMS1117-3.3	1
XL2596		IC2	TO-263-5	XL2596	1
xm1.25		J1	MX1.25 8P LS	1X8排针	1
xm1.25		J2	MX1.25 8P LS	1X8排针	1
xm1.25		J3	MX1.25 8P LS	1X8排针	1
10uH		L1	L 0603	电感	1
33uh/3A		L2	CDRH74	电感	1
XH2.54		P1	XH2.54 2P	1X2排针	1
XH2.54		P3	XH2.54 2P	1X2排针	1
xm1.25		P5	MX1.25	1X4排针	1
HT396K		P6	HT396 - 2P	1X2排针	1
HT396K		P7	HT396 - 2P	1X2排针	1
1X7排针		P8	2.54 1X7Pin	1X7排针	1
1X7排针		P9	2.54 1X7Pin	1X7排针	1
3X4排针		P11	2.54 3X4	3X4排针	1
3X4排针		P12	2.54 3X4	3X4排针	1
xh2.54 4Pin		P13	XH2.54 -4p	1X4排针	1
xh2.54 4Pin		P14	XH2.54 -4p	1X4排针	1
NPN	NPN Bipolar Transi	Q1	SOT-23	NPN	1
10k	Resistor	R1	R 0603	Res	1
10k	Resistor	R2	R 0603	Res	1
10k	Resistor	R3	R 0603	Res	1
10k	Resistor	R4	R 0603	Res	1
0	Resistor	R5	R 0603	Res	1
10k	Resistor	R6	R 0603	Res	1
3.3k	Resistor	R7	R 0603	Res	1
0	Resistor	R8	R 0603	Res	1
470uF/50V		TAN1	10X10.5mm 电解电	极性电容	1
330uF/15V		TAN2	8*10.0mm 电解电	极性电容	1