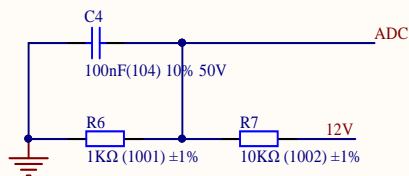
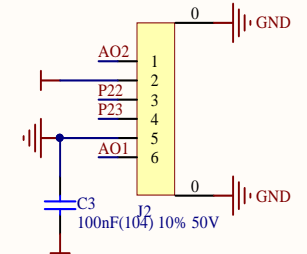
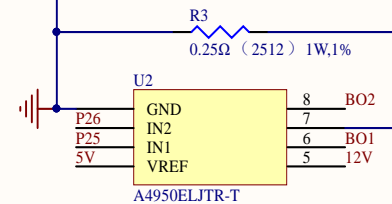
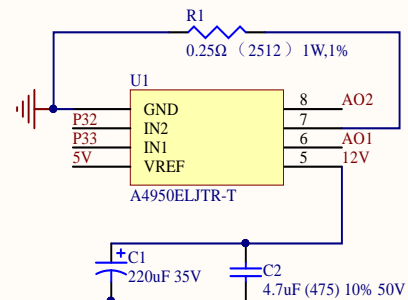
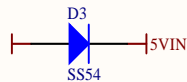
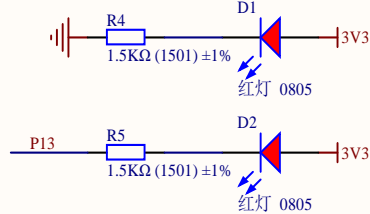
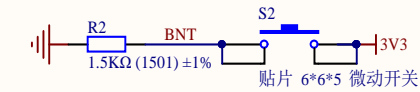


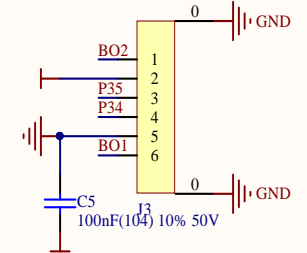
电源供电口



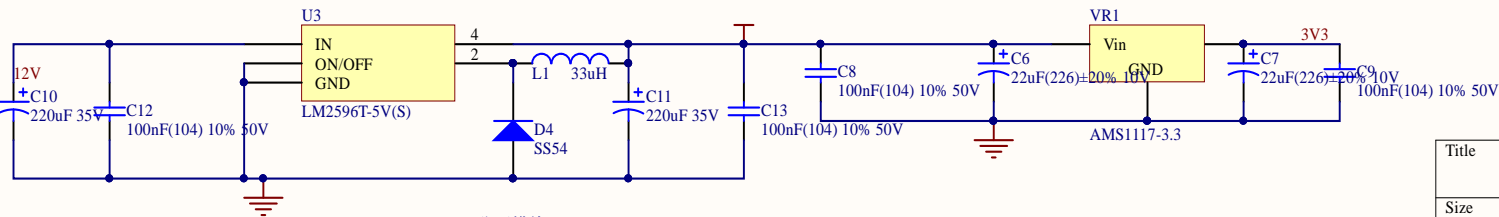
电压检测模块



编码器左侧接口



编码器右侧接口



5V稳压模块

Title		
Size	Number	Revision
A4		
Date:	2018/9/1	Sheet of
File:	E:\GitHub\...\PyESPCar_Z1.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
0.25Ω (2512) 1W,1%	超低阻值电阻	R1, R3	2512	Res3	2
1KΩ (1001) ±1%	贴片电阻	R6	0805_R	0805 1KΩ (1001) 1%	1
1.5KΩ (1501) ±1%	贴片电阻	R2, R4, R5	0805_R	0603 1.5KΩ (1501) 1%	3
4.7uF (475) 10% 50V	贴片电容	C2	1206_C	1206 4.7uF (475) 10% 50V	1
10KΩ (1002) ±1%	贴片电阻	R7	0805_R	0805 1KΩ (1001) 1%	1
22uF(226)±20% 10V	钽电容	C6, C7	CAP-3528	Cap Pol	2
33uH ±20%	功率电感 MS104R- 330MT	L1	CAPM100100X103 N	Inductor	1
100nF(104) 10% 50V	贴片电容	C3, C4, C5, C8, C9, C12, C13	0805_C	0805 100nF(104) 10% 50V	7
220uF 35V	贴片电解电容 , 贴片 铝解电容, 贴片铝解 电容	C1, C10, C11	CAPM8485X103N	Cap Pol1	3
A4950ELJTR-T	A4950 电机驱动 , A4950 电机驱动	U1, U2	SOP-8_EP_150mil	A4950	2
AMS1117-3.3	低压差线性稳压 (LDO)	VR1	SOT-223	SOT-223 AMS1117-3.3	1
Header 3	Header, 3-Pin	Servo1, Servo2	HDR1X3	Header 3	2
Header 4	Header, 4-Pin	P8, P9	HDR1X4	Header 4	2
Header 4X2	Header, 4-Pin, Dual row	P6, P7	HDR2X4	Header 4X2	2
Header 19	Header, 19-Pin 排 针	P1, P5	HDR1X19	Header 19	2
Header 19 排母	Header, 19-Pin 排 母	P2, P3, P4	HDR1X19	Header 19	3
KF128-2P	5.08mm 端子	P10	HDR2X1_D1	Header 2	1
LM2596T-5V(S)	稳压芯片	U3	TO-263-5	LM2596T-5V(S)	1
LOGO_1ZLAB		LOGO1	1ZLAB_LOGO	LOGO_1ZLAB	1
LOGO_CAR		LOGO2	car_logo	LOGO_CAR	1
PH-PS-2.0-6	PH-PS-2.0-6	J2, J3	PH-PS-2.0-6	PH-PS-2.0-6	2
SDCARD-M	TF 卡槽	J1	SDCARD-M	SDCARD-M	1
SS54	二极管	D3, D4	SMA(DO- 214AC) S1	SMA(DO-214AC) SS54	2
SS-12D11-G6	拨动开关 2档带固定 脚黑色短柄 3脚侧	S1	SW-3	SW-SPDT	1
红灯 0805	发光二极管	D1, D2	0805_LED_S1	0805 红灯	2
贴片 6*6*5 微动开关	贴片 6*6*5 微动开关	S2	SW_PB4_A1	SW-PB4	1