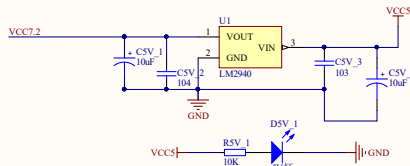
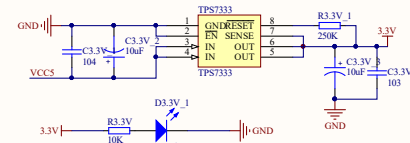


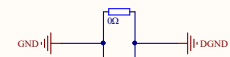
## 电源5V



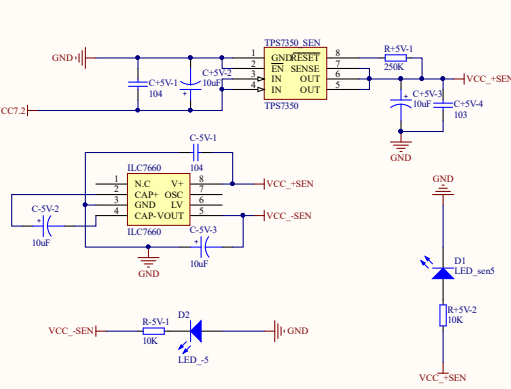
## 电源3.3V



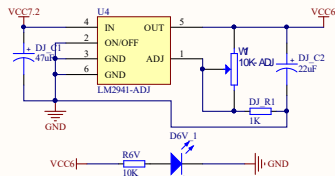
## 数模共地



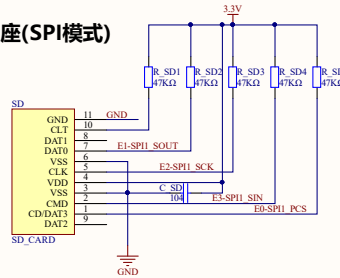
## 传感器电源+5V-5V



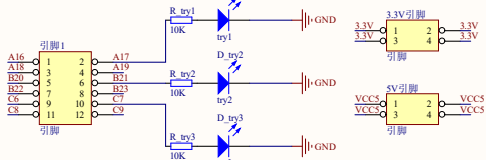
## 舵机电源6V



## TF\_SD卡座(SPI模式)

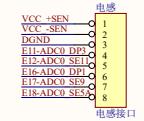


## 引脚引出



LQ_KV58P44-SY-SVG		LQ_KV58P44-SY-SVG		LQ_KV58P44-SY-SVG	
E0-SP11 PCS	1	PTD0	A25	63	PTA25
E1-SP11 SOUT	2	PTD1	A26	64	PTA26
E2-SP11 SCK	3	PTD2	A27	65	PTA27
E3-SP11 SIN	4	PTD3	A28	66	PTA28
E4-ADC0 DP2	5	PTD4	A29	67	PTA29
E5-Gym	6	PTD5	A30	68	PTA30
E6-Gym	7	PTD6	A31	69	PTA31
E7	8	PTD7	A32	70	PTA32
E8	9	PTD8	A33	71	PTA33
E9	10	PTD9	A34	72	PTA34
E10	11	PTD10	A35	73	PTA35
E11	12	PTD11	A36	74	PTA36
E12	13	PTD12	A37	75	PTA37
E13	14	PTD13	A38	76	PTA38
E14	15	PTD14	A39	77	PTA39
E15	16	PTD15	A40	78	PTA40
E16	17	PTD16	A41	79	PTA41
E17	18	PTD17	A42	80	PTA42
E18	19	PTD18	A43	81	PTA43
E19	20	PTD19	A44	82	PTA44
E20	21	PTD20	A45	83	PTA45
E21	22	PTD21	A46	84	PTA46
E22	23	PTD22	A47	85	PTA47
E23	24	PTD23	A48	86	PTA48
E24	25	PTD24	A49	87	PTA49
E25	26	PTD25	A50	88	PTA50
E26	27	PTD26	A51	89	PTA51
E27	28	PTD27	A52	90	PTA52
E28	29	PTD28	A53	91	PTA53
E29	30	PTD29	A54	92	PTA54
E30	31	PTD30	A55	93	PTA55
E31	32	PTD31	A56	94	PTA56
E32	33	PTD32	A57	95	PTA57
E33	34	PTD33	A58	96	PTA58
E34	35	PTD34	A59	97	PTA59
E35	36	PTD35	A60	98	PTA60
E36	37	PTD36	A61	99	PTA61
E37	38	PTD37	A62	100	PTA62
E38	39	PTD38	A63	101	PTA63
E39	40	PTD39	A64	102	PTA64
E40	41	PTD40	A65	103	PTA65
E41	42	PTD41	A66	104	PTA66
E42	43	PTD42	A67	105	PTA67
E43	44	PTD43	A68	106	PTA68
E44	45	PTD44	A69	107	PTA69
E45	46	PTD45	A70	108	PTA70
E46	47	PTD46	A71	109	PTA71
E47	48	PTD47	A72	110	PTA72
E48	49	PTD48	A73	111	PTA73
E49	50	PTD49	A74	112	PTA74
E50	51	PTD50	A75	113	PTA75
E51	52	PTD51	A76	114	PTA76
E52	53	PTD52	A77	115	PTA77
E53	54	PTD53	A78	116	PTA78
E54	55	PTD54	A79	117	PTA79
E55	56	PTD55	A80	118	PTA80
E56	57	PTD56	A81	119	PTA81
E57	58	PTD57	A82	120	PTA82
E58	59	PTD58	A83	121	PTA83
E59	60	PTD59	A84	122	PTA84
E60	61	PTD60	A85	123	PTA85
E61	62	PTD61	A86	124	PTA86

## 运放接口



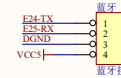
## 摄像头接口



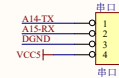
## 陀螺仪接口



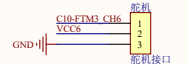
## 蓝牙接口



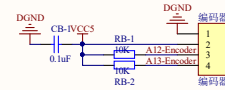
## 串口接口



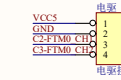
## 舵驱接口



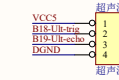
## 编码器接口



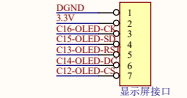
## 电驱接口



## 超声波接口



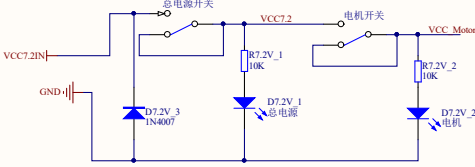
## 显示屏接口



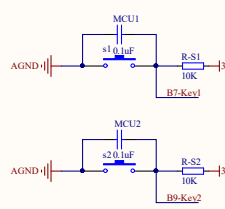
## 总电源输入 电驱输入



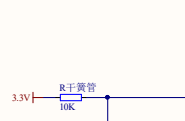
## 开关



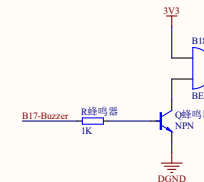
## 独立按键



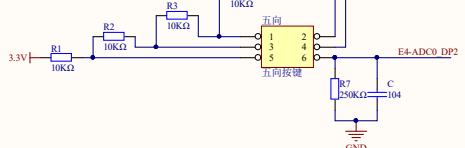
## 干簧管



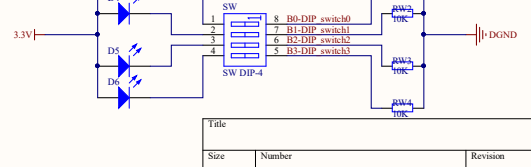
## 蜂鸣器



## 五轴按键



## 拨码开关



Title		
Size	Number	Revision
Date:	2018/12/13	Sheet of
File:	F:\越野小车制作\电路板\越野主板\电路原理图\SchDoc	

Comment	Description	Designator	Footprint	LibRef	Quantity
引脚		3.3V引脚, 5V引脚	HDR2X2	HEADER 2X2	2
BELL		B18_3	BELL		1
10uF	Capacitor	C3.3V_2, C3.3V_3, C5V_1, C5V_4, C+5V-2, C+5V-3, C-5V-2, C-5V-3	1206	电解电容	8
103	Capacitor	C3.3V_4, C5V_3, C+5V-4	0805	普通电容	3
104	Capacitor	C, C3.3V_1, C5V_2, C+5V-1, C-5V-1, C SD	0805	普通电容, 普通电容, 普通电容, 普通电容, Cap, 普通电容	6
Cap	Capacitor	CB-1	0805	Cap	1
LED_sen5	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D1, D3, D4, D5, D6	0603 - LED RED	LED2	5
LED_-5	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D2	0603 - LED RED	LED2	1
3.3V灯	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D3.3V_1	0603 - LED RED	LED2	1
5V灯	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D5V_1	0603 - LED RED	LED2	1
6V灯	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D6V_1	0603 - LED RED	LED2	1
总电源	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D7.2V_1	0603 - LED RED	LED2	1
电机	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D7.2V_2	0603 - LED RED	LED2	1
1N4007		D7.2V_3	7.2v_M7	DIODE	1
47uF	Capacitor	DJ_C1	1206	电解电容	1
22uF	Capacitor	DJ_C2	1206	电解电容	1
1K		DJ_R1, R蜂鸣器	0805	RES	2
try1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D_try1	0603 - LED RED	LED2	1
try2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D_try2	0603 - LED RED	LED2	1
try3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D_try3	0603 - LED RED	LED2	1
干簧管	Connector	GH	干簧管	CON2	1
ILC7660		ILC7660	SO-8	ILC7660	1
LQ_KV58P144-SYSVG	LQ_KV58P144-SYSVG	LQ_KV58P144-SYSVG	LQ_KV58P144-SYSVG	LQ_KV58P144-SYSVG	1
0.1uF	Capacitor	MCU1, MCU2	0805	普通电容	2
显示屏接口		OLED	HDR1X7	HEADER 7	1
NPN		Q蜂鸣器	TO-92	NPN	1
0Ω		R00, R01	0805	RES	2
10KΩ	贴片电阻	R1, R2, R3, R4, R5, R6	0805_R	0805 10KΩ (1002) 1%	6
10K		R3.3V, R5V_1, R6V, R7.2V_1, R7.2V_2, R+5V-2, R-5V-1, R-S1, R-S2, R_try1, R_try2, R_try3, R干簧管	0805	RES	13
250K		R3.3V_1, R+5V-1	0805	RES	2
250KΩ	贴片电阻	R7	0805_R	0805 10KΩ (1002) 1%	1
Res2	Resistor	RB-1, RB-2, RW1, RW2, RW3, RW4	0805	Res2	6
47KΩ	贴片电阻	R_SD1, R_SD2, R_SD3, R_SD4, R_SD5	0805_R	0805 10KΩ (1002) 1%	5
SW-PB	Switch	s1, s2	轻触开关	SW-PB	2
SD_CARD		SD	SD-1	Component_1	1
SW DIP-4	DIP Switch, 4 Position, SPST	SW	DIP8	SW DIP-4	1
TPS7333		TPS7333	SO-8	TPS7350	1
TPS7350		TPS7350_SEN	SO-8	TPS7350	1
LM2940	CJ-78L05	U1	TO-220	78L05	1
LM2941-ADJ		U4	TO-263-5	LM2941	1
10K-ADJ	Potentiometer	W1	RES—POT	POT2	1
串口	4 Pin Header	串口	HDR1X4	4 HEADER	1
五向按键		五向	五向按键	HEADER 3X2	1
引脚		引脚1	HDR2X6	HEADER 6X2	1
总电源输入		总电源	T型口	HEADER 2	1
SW SPDT		总电源开关, 电机开关	拨动开关 (小)	SW SPDT	2
摄像头接口	Header, 9-Pin, Dual row	摄像头	HDR2X9	Header 9X2	1
电感接口	8 Pin Header	电感	HDR1X8	8 HEADER	1
电驱接口	4 Pin Header	电驱	HDR1X4	4 HEADER	1
电驱电源输入		电驱电源	接口	HEADER 2	1
编码器接口	Header, 4-Pin	编码器	HDR1X4	Header 4	1
舵机接口		舵机	HDR1X3	CON3	1
蓝牙接口	4 Pin Header	蓝牙	HDR1X4	4 HEADER	1
超声波接口	4 Pin Header	超声波	HDR1X4	4 HEADER	1
陀螺仪接口	4 Pin Header	陀螺仪	HDR1X4	4 HEADER	1