



Title		
Size	Number	Revision
A4		
Date:	2018/12/2	Sheet of
File:	F:\三级项目\...\Drive_Circuit.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
1N4007	整流二极管	BAV99, D1, D2	DO-41	1N4007	3
100uF/35V	直插电解电容	C1	CAP 1.5*4*8	C-CAP	1
0.1uF	无极性贴片电容	C2, C3, C21, C22, C24	C 0805	C	5
470uF/25V	直插电解电容	C4	CAP 1.5*4*8	C-CAP	1
100pF	直插电解电容	C05	CAP 1.5*4*8	C-CAP	1
104	无极性贴片电容	C5	C 0805	C	1
100uF/25V	直插电解电容	C6, C10	CAP 1.5*4*8	C-CAP	2
0.47uF	无极性贴片电容	C7, C8, C11, C12, C13, C14	C 0805	C	6
2uF/10V	直插电解电容	C9	CAP 1.5*4*8	C-CAP	1
20nF	无极性贴片电容	C23	C 0805	C	1
1N4007	整流二极管	D3, D5	DO-35	1N4007	2
1N4106	12V/0.5W稳压管	DZ1	DO-35	1N4106	1
TLP521-2	2路开关光耦	J1	SOP8-W2.54_N	TLP521-2	1
HDR-1X4	4P接插件	JP0, JP2	HDR-1X4	Header 4	2
HDR-1X2	2P接插件	JP1	HDR-1X2	Header 2	1
HDR-1X3	3P接插件	JP3	HDR-1X3	Header 3	1
330uH	小功率贴片电感	L1	L 0805	L	1
Red	贴片LED	LED0	LED 0805G	LED-SMD	1
1K	贴片电阻	R1, R2, R5, R6, R7, R8, R28	R 0805	R	7
20K	贴片电阻	R01, R24, R25	R 0805	R	3
5.1K	贴片电阻	R3, R4	R 0805	R	2
2.8K	贴片电阻	R21	R 0805	R	1
2K	贴片电阻	R26, R27	R 0805	R	2
散热片	散热片	S1	散热片	S1	1
LM2575	DC降压芯片	U1	TO220-5B	LM2576	1
LT1054		U2	DIP8-300	LT1054	1
IR2110	High and Low Side Driver	U3	DIP14-300	IR2110	1
SN74LS07D	Hex Buffer / Driver with Open-Collector High-Voltage Outputs	U4	DIP14-300	SN74LS07D	1
LM358	双路运放	U7	SOP8_N	LM358	1