



Title		
Size	Number	Revision
A2		
Date:	4/16/2022	Sheet of
File:	E:\YF\1\测试电路\V2.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
100NF/0603	贴片电容	C1, C11, C30, C34, C35, C36, C37, C45, C47, C48	C_0603	Cap1	10
100NF	贴片电容	C2, C7, C8, C9, C10, C12, C14, C18, C29	C_0603	Cap1	9
47UF	电解电容	C3, C4, C15	C_1206	Cap2	3
10UF/1206	贴片电容	C5, C6, C16, C17, C44, C46	C_1206	Cap1	6
47UF/50V	电解电容	C39, C49, C51	C-电解电容	Cap2	3
SK1045	普通二极管	D1, D2, D5, D7	SK1045	Diode	4
M4	普通二极管	D3, D6	D_M4	Diode	2
US1K	普通二极管	D4, D8	D-SMA	Diode	2
GREEN	发光二极管	D9	LED_0603	LED	1
DFLS140	肖特基二极管	D10	D-SMA	Diode_SCHOTTKY	1
200UH	贴片电感	L1	L_17X17	L	1
1mH	贴片电感	L2	L_1206	L	1
100UH	贴片电感	L3	L_17X17	L	1
47UH/CD42	贴片电感	L4	CD42	L	1
IPG20N06S4L_26		P1, P3	IPG20N06S4L_26	IPG20N06S4L_26	2
LTC1473		P2	LTC1473	LTC1473	1
30pin_0.8		P4	30PIN_0.8	30pin_0.8	1
BSC109N10N		P5, P6	BSC109N10NS3G	MOS_N	2
AON6407		P7	BSC109N10NS3G	PMOS	1
INA226		P8, P10	INA226	INA226	2
XT30		P12, P13	30/卧式母	XT60	2
MP2459		P16	MP2459	MP2459	1
XT30		P18	XT30卧母	XT60	1
2N3904		Q1	SOT-23_3	NPN	1
10K/0603	贴片电阻	R1, R2, R4, R5	R_0603	Res1	4
5mR/2512	贴片电阻	R3, R14, R20, R21	R_2512	Res1	4
10R	贴片电阻	R6, R7, R10, R11	R_0603	Res1	4
10K	贴片电阻	R8, R13	R_0603	Res1	2
47K	贴片电阻	R9	R_0603	Res1	1
5.1R/0603	贴片电阻	R15, R17, R23, R24	R_0603	Res1	4
510R	贴片电阻	R16	R_0603	Res1	1
1K	贴片电阻	R22	R_0603	Res1	1
20K/1%	贴片电阻	R25	R_0603	Res1	1
4.7K	贴片电阻	R26	R_0603	Res1	1
4.7K/0603	贴片电阻	R27, R30, R32, R33	R_0603	Res1	4
2K/1%	贴片电阻	R31	R_0603	Res1	1
100K/0603	贴片电阻	R36	R_0603	Res1	1
47.5K/0603	贴片电阻	R37	R_0603	Res1	1
3.4K/0603	贴片电阻	R38	R_0603	Res1	1
SN74LVC2GL7		U2, U3	SN74LVC2GL7	SN74LVC2GL7	2
LM5106		U5	LM5106	LM5106	1