



Title		
Size	Number	Revision
A4		
Date:	2015-3-10	Sheet of
File:	E:\PCB\ControlPower.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
104/2KV	Capacitor	C2, C3	RAD-0.3	Cap	2
472M/3KV	Capacitor	C4, C5	RAD-0.3	Cap	2
104/63V	Capacitor	C9, C11, C12, C14, C17, C20, C22, C23, C27	RAD-0.3	Cap	9
102/63V	Capacitor	C15, C18	RAD-0.3	Cap	2
272/63V	Capacitor	C25	RAD-0.3	Cap	1
120uF/420V	Capacitor	CAP1, CAP2, CAP3	6032	Cap Pol2	3
1000uF/16V	Capacitor	CAP4	6032	Cap Pol2	1
1000uF/25V	Capacitor	CAP5	6032	Cap Pol2	1
470uF/50V	Capacitor	CAP6, CAP7, CAP8, CAP9, CAP10	6032	Cap Pol2	5
330uF/35V	Capacitor	CAP11	6032	Cap Pol2	1
	二极管	D1, D2, D3, D4, D5, D6, D7, D8, D10	SMC	Diode	9
B20200G		D11		B20200G	1
???	二极管	D12	SMC	Diode	1
UR420	二极管	D14, D15, D17, D19	SMC	Diode	4
RHRP8120	二极管	D16, D18	SMC	Diode	2
RED LED	发光二极管	D20		LED2	1
F2AH250VP	安规电容	FUSE	AXIAL-0.4	Res2	1
XCON44364A1.2AH 6.8	共模电感	L1	XCON44364	Com_Inductor	1
	共模电感	L2	XCON44364	Com_Inductor	1
Header 3	Header, 3-Pin	P1, P2	HDR1X3	Header 3	2
Header 7	Header, 7-Pin	P3	HDR1X7	Header 7	1
Header 2	Header, 2-Pin	P4	HDR1X2	Header 2	1
IXTP2R4N120P	P-Channel MOSFET	Q1, Q3	E3	MOSFET-P	2
460K,1%	电阻	R1, R2, R4, R5, R6, R7, R25, R26	AXIAL-0.5	Res2	8
5D-9	NTC	R3	AXIAL-0.4	Res2	1
68K,1%	电阻	R8, R9, R10, R11	AXIAL-0.5	Res2	4
10,1%	电阻	R12	AXIAL-0.5	Res2	1
1.8K,1%	电阻	R13	AXIAL-0.5	Res2	1
.1%,测量值17K	电阻	R14	AXIAL-0.4	Res2	1
22,1%	电阻	R15, R16, R19	AXIAL-0.4	Res2	3
4.1K,1%	电阻	R17, R20	AXIAL-0.4	Res2	2
120,1%	电阻	R18, R24	AXIAL-0.4	Res2	2
0.5,1%	电阻	R21	AXIAL-0.5	Res2	1
33,1%	电阻	R22	AXIAL-0.4	Res2	1
4.1K,1%,测量2K	电阻	R23	AXIAL-0.4	Res2	1
460K,1%	电阻	R27, R28	AXIAL-0.4	Res2	2
1K,1%	电阻	R29	AXIAL-0.4	Res2	1
22K,1%	电阻	R30	AXIAL-0.4	Res2	1
3.9K,1%	电阻	R31	AXIAL-0.5	Res2	1
3.9K,1%	电阻	R32, R34, R35	AXIAL-0.4	Res2	3
1.5K,1%	电阻	R33, R36	AXIAL-0.5	Res2	2
210,1%	电阻	R37	AXIAL-0.4	Res2	1
200,1%	电阻	R38	AXIAL-0.5	Res2	1
Transformor		T		Transformor	1
UC2845		U1		UC2845	1
PC817	光耦	U2	SO-4	OPTOISO1	1
TL431		U3		TL431	1
L7815CV		VR1		L7815CV	1
KA7915		VR2		KA7915	1