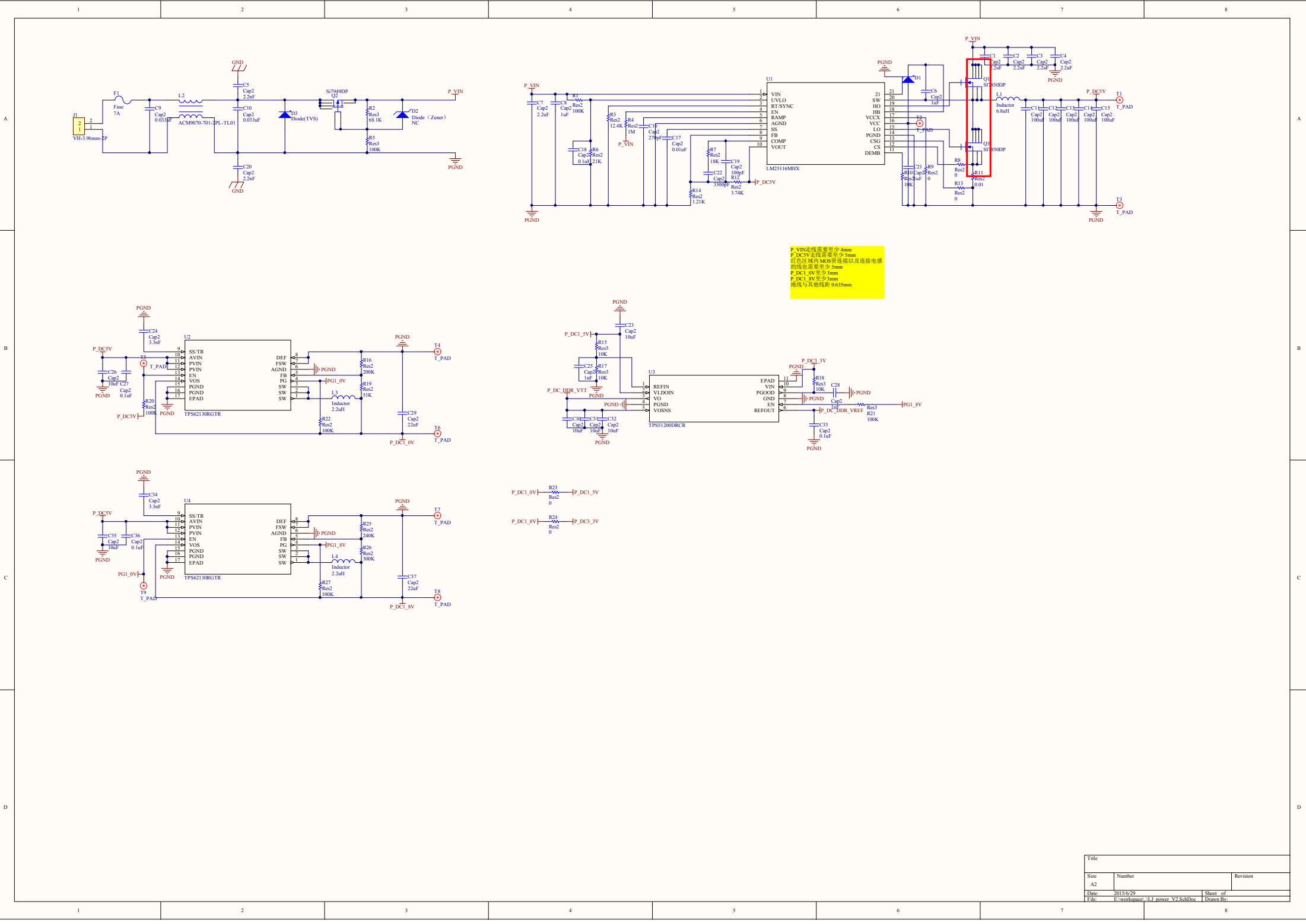
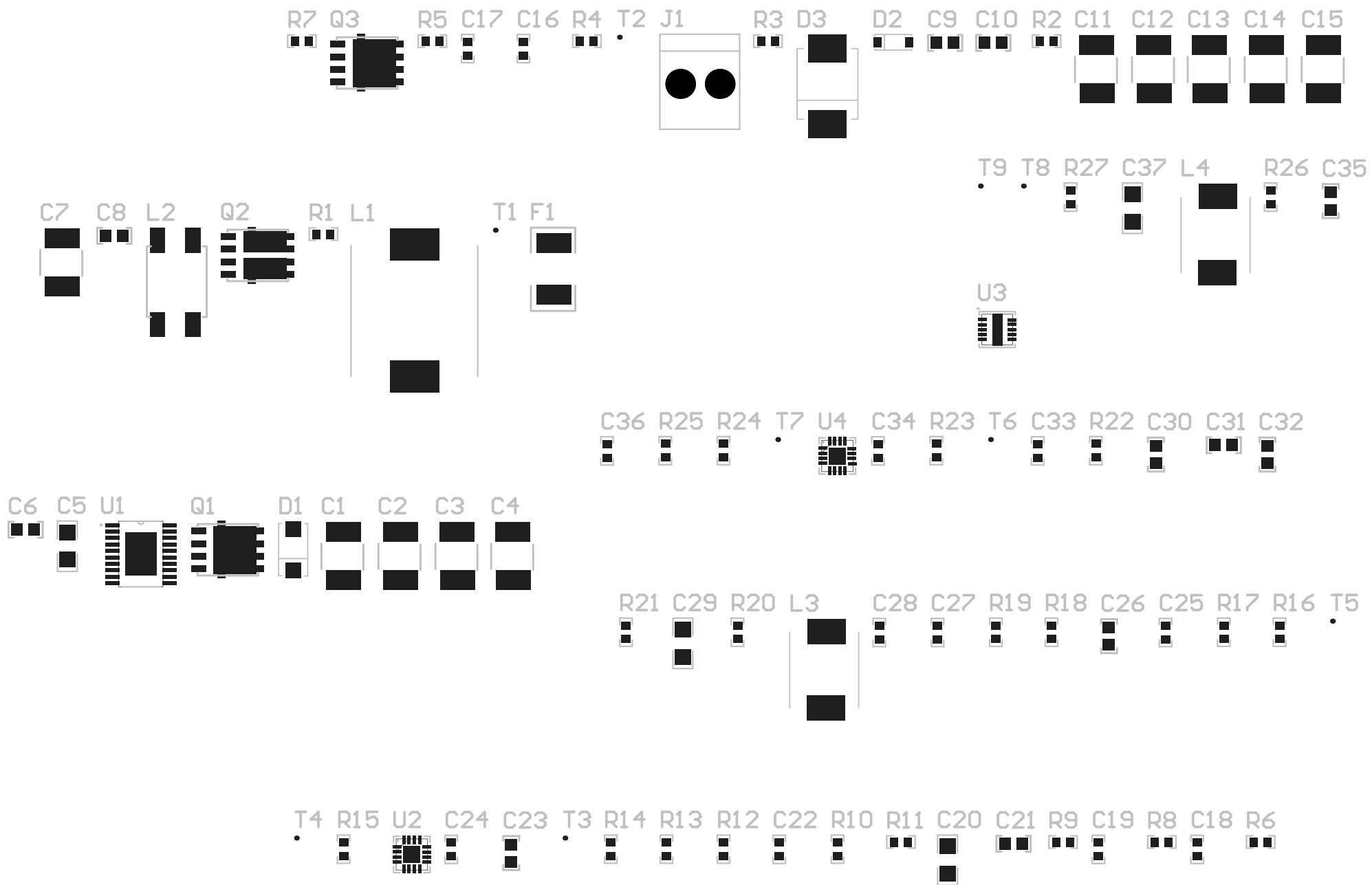




Title		
Size	Number	Revision
A2		
Date:	2015/6/29	Sheet of
File:	E:\workspace\111-power_V2\SchDoc	Drawn By:



Designator	Description	Footprint	LibRef	value	Quantity
C1, C2, C3, C4, C7	贴片电容, X7R	1812	Cap2	2.2uF	5
C5, C20	贴片电容, X7R	1206	Cap2	2.2nF	2
C6, C8, C21	贴片电容, X7R	C_0805	Cap2	1uF	3
C9, C10	贴片电容, X7R	C_0805	Cap2	0.033uF	2
C11, C12, C13, C14, C15	贴片电容, X7R	1812	Cap2	100uF	5
C16	贴片电容, X7R	C_0603	Cap2	270pF	1
C17	贴片电容, X7R	C_0603	Cap2	0.01uF	1
C18, C27, C33, C36	贴片电容, X7R	C_0603	Cap2	0.1uF	4
C19	贴片电容, X7R	C_0603	Cap2	100pF	1
C22	贴片电容, X7R	C_0603	Cap2	3300pF	1
C23, C26, C30, C31, C32, C35	贴片电容, X7R	C_0805	Cap2	10uF	6
C24, C34	贴片电容, X7R	C_0603	Cap2	3.3nF	2
C25	贴片电容, X7R	C_0603	Cap2	1nF	1
C28	贴片电容, X7R	C_0603	Cap2	1uF	1
C29, C37	贴片电容, X7R	1206	Cap2	22uF	2
D1	肖特基二极管,B360A	SMA	Diode (Schottky)	NC	1
D2	稳压二极管	SOD-123	Diode (Zener)	NC	1
D3	瞬态抑制二极管,SMCJ33CA	SMC	Diode(TVS)	SMCJ33CA	1
F1	贴片保险丝	1808	Fuse	7A	1
J1	2P的电源端子	2PIN	VH-3.96mm-2P	NC	1
L1	叠层电感, 10%	Vishay_ER_5050	Inductor	6.8uH	1
L2	共模电感	ACM9070	ACM9070-701-2PL-TL01	NC	1
L3, L4	功率电感, IHLP-2525CZ-01, vishay	Vishay_ER	Inductor	2.2uH	2
Q1, Q3	N沟道MOS管	PSO-8(SINGLE)	SI7850DP	NC	2
Q2	P沟道MOS管	PowerPAKSO-8	Si7949DP		1
R1, R20, R22, R27	贴片电阻, 1%	R_0603	Res2	100K	4
R2	贴片电阻, 5%	R_0603	Res3	68.1K	1
R3	贴片电阻, 1%	R_0603	Res2	12.4K	1
R4	贴片电阻, 1%	R_0603	Res2	1M	1
R5, R21	贴片电阻, 5%	R_0603	Res3	100K	2
R6	贴片电阻, 1%	R_0603	Res2	21K	1
R7	贴片电阻, 1%	R_0603	Res2	18K	1
R8, R9, R13, R23, R24	贴片电阻, 1%	R_0603	Res2	0	5
R10	贴片电阻, 1%	R_0603	Res2	10K	1
R11	贴片电阻, 1%	R_0603	Res2	0.01	1
R12	贴片电阻, 1%	R_0603	Res2	3.74K	1
R14	贴片电阻, 1%	R_0603	Res2	1.21K	1
R15, R17, R18	贴片电阻, 5%	R_0603	Res3	10K	3
R16	贴片电阻, 1%	R_0603	Res2	200K	1
R19	贴片电阻, 1%	R_0603	Res2	51K	1
R25	贴片电阻, 1%	R_0603	Res2	240K	1
R26	贴片电阻, 1%	R_0603	Res2	300K	1
T1, T2, T3, T4, T5, T6, T7, T8, T9	焊盘点	PAD	T_PAD	NC	9
U1	电源芯片	TSSOP20	LM25116MHX	NC	1
U2, U4	开关电源芯片	QFN16	TPS62130RGTR	NC	2
U3	DDR 终端稳压器	VSON	TPS51200DRCR	NC	1