Comment	Description	Designator	Footprint	LibRef	Quantity
1uF/100V	高频贴片片电容	C1, C2	C 1206_L	C	2
10uF/100V	高频贴片片电容	C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16	C 1210_L	C	14
100nF/100V	高频贴片片电容	C17, C21, C22, C27, C30	C 0805_L	C	5
150pF/50V	高频贴片片电容	C18	C 0402_L	C	1
2.2uF/100V	高频贴片片电容	C19, C20, C25, C26	C 1210_L	C	4
22uF/16V	高频贴片片电容	C23	C 0805_L	C	1
100pF/50V	高频贴片片电容	C24	C 0402_L	C	1
22uF/25V	高频贴片片电容	C28, C29	C 1206_L	C	2
1uF/10V	高频贴片片电容	C31	C 0402_L	C	1
100nF/50V	高频贴片片电容	C32, C37, C38, C39	C 0402_L	C	4
10uF/25V	高频贴片片电容	C33, C34, C35	C 0805_L	C	3
22uF	高频贴片片电容	C36	C 0402_L	C	1
B5819WS	肖特基二极管	D1, D3, D5, D6, D7	SOD-323	SS14	5
SMBJ60CA	TVS DIODE 60V DO214AA	D2	FP-SMBJ-CA-MFG	CHP-08607-000060-1	1
DSK36	肖特基二极管	D4	SOD-123F	SS14	1
10uF/6.3V	贴片片电容	E1	C0 5(2012)	C-CD	1
10A	贴片保险丝	F1	FU 1808	FU	1
Header 2X10	10*2**排针排母	JP1, JP2	HDR2.54-L2-2x10P	Header 10X2	2
47uH	贴片功率电感	L1	CD43	L-CD	1
47uH	贴片功率电感	L2	L-SMD-0650	L-CD	1
M2 Hole		M1, M2, M3, M4	M2 HOLE	M2_hole	4
SolderPad	焊盘	P1, P2, P3, P4, P5	SolderPad	SolderPad	5
CJAC110SN10A	110A 3.4mΩ@10V N-Channel Power MOSFET	Q1, Q2, Q3, Q4, Q5, Q6, Q7	PDFN5X6S-6L	CJAC110SN10A	7
100R	贴片电阻	R1	R 0402_L	R	1
270k	贴片电阻	R2	R 0402_L	R	1
30k	贴片电阻	R3	R 0402_L	R	1
105k	贴片电阻	R4	R 0402_L	R	1
2k	贴片电阻	R5	R 0402_L	R	1
510k	贴片电阻	R6	R 0402_L	R	1
20k	贴片电阻	R7	R 0402_L	R	1
10k	贴片电阻	R8, R10, R11	R 0402_L	R	3
150k	贴片电阻	R9	R 0402_L	R	1
4.7R	贴片电阻	R12, R13, R14, R15, R16, R17	R 0402_L	R	6
5m	贴片电阻	R18, R19, R20	R 1206_L	R	3
10K	贴片电阻, 热敏电阻	R21, R22	R0402_L	R, RT	2
LM5050MK-1/NOPB	High Side OR-ing FET Controller, 6-pin TSOT, 1ΩΩ Reel	U1	SOC3006A_L	CHP-0063-01524-2	1
SCT2A10A	4.5V-100V Vin, 0.6A, High Efficiency Synchronous Step-down DCDC Converter with Programmable Frequency	U2	ESOP8_L	SCT2A10A	1
SCT2A25	5.5V-100V Vin, 4A Peak Current Limit, High Efficiency Asynchronous Step□down DCDC Converter	U3	ESOP8_L	SCT2A25	1
SPX3819	500mA Low-Noise LDO Voltage Regulator	U4	SOT23-5L	SPX3819	1
LM321MFX	Low Power Single Op Amp, 5-pin SOT-23	U5	DBV0005A_L	CHP-0055-01337-3	1
FD6288T	全桥驱动**栅极驱动器**	U6	TSSOP20_L	FD6288T	1
INA181A1IDBVR	IC CURR SENSE 1 CIRCUIT SOT23-5	U7, U8, U9	FP-DBV0006A-IPC_A	CHP-04895-000055-1	3