

Comment	Description	Designator	Footprint	Quantity
220uF 63V	Capacitor	C1, C2, C7, C8	CAP_13x13	4
10uF	Capacitor	C3, C4, C5, C10, C11, C12, C13, C14	1206	8
100nF	Capacitor	C6, C9, C17, C19	0603	4
1uF	Capacitor	C15, C16	0805	2
1n8	Capacitor	C18, C21	0603	2
330nF	Capacitor	C20	0603	1
680p	Capacitor	C23	0603	1
DNP		C24, C25, R13, R19, R20, R23	0603	6
B360A-13-F	DIODE SCHOTTKY 60V 3A SMA	D1, D2	B360A	2
MBR0560	DIODE SCHOTTKY 60V 0.5A SOD123	D3, D4	SOD123_MBR	2
BZX84J-B6V2,115	DIODE BZX84J-B6V2,115	D5	SOD323F	1
LED	DIODE LED	D6, D7	PLCC2	2
Header 2	Header, 2-Pin	J1, J2, J3	phoenix-mc-2	3
Header 2	Header, 2-Pin	J4	HDR1X2	1
IHLP6767GZER150M11	Inductor	L1	IND_17x17	1
0R008	Resistor	R1, R2	1206	2
95k3	Resistor	R3, R12	0603	2
100	Resistor	R4, R7	0603	2
0R02	Resistor	R5	1206	1
100k	Resistor	R6, R9, R22	0603	3
0R	Resistor	R8, R10, R11, R18, C22	0603	5
20k	Resistor	R14, R16	0603	2
2k2	Resistor	R15, R17	0603	2
33k	Resistor	R21	0603	1
LTC4020	Charger IC Multi-Chemistry 38-QFN (5x7)	U1	QFN-38	1
Si7272DP	Mosfet Array 2 N-Channel (Dual) 30V 25A 22W Surface Mount PowerPAK® SO-8 Dual	U2, U3	SO8_PowerPAK_Dual	2
Si7135DP	P-Channel 30V 60A (Tc) 6.25W (Ta), 104W (Tc) Surface Mount PowerPAK® SO-8	U4	SO8_PowerPAK_Single	1