

Item	Qty	Ref.	Type	Part Name
	1	1D2	Switching diode	BAS20LT1G
	2	1C4	Ceramic	C3216X7R1V475K
	3	1C5	Ceramic	Std
	4	1C7	Ceramic	Std
	5	1C10	Ceramic	C3216X7R1E106M/GRM31CR
	6	1C3	Ceramic	C3216X7R2J332K
	7	1D1	Bridge rectifier	MB6S
	8	1D5	Schotty diode	MBRA2H100CTG
	9	1D3	General rectifier	MRA4007/S1M
	10	1L1	Radial leaded wire wound	Custom
	11	1C11	Y CAP	DE1E3KX102MA
	12	1T1	Transformer	EPC13
	13	1FR	Fusible resistor	CRF251-4, 10R, 1W
	14	1R2	Resistor	Resistor
	15	1R11	Resistor	Resistor
	16	1R8	Resistor	Resistor
	17	1R9	Resistor	Resistor
	18	1R10	Resistor	Resistor
	19	2R5	Resistor	Resistor
	20	1R13	Resistor	Resistor
	21	1R14	Resistor	Resistor
	22	1R15	Resistor	Resistor
	23	1R1	Resistor	Resistor
	24	1R3	Resistor	Resistor
	25	2R6 R7	Resistor	Resistor
	26	1R16	Resistor	Resistor
	27	1R4	Resistor	Resistor
	28	1C2	Electrolytic capacitor	CapXon
	29	1C1	Ceramic Capcitor	C3216X7T2W104M
	31	1D4, D7	Switching diode	MMDL914T1G
	32	1D6	Zener	MMSZ30V
	33	1U1	Controller	TPS92310
	34	1Q1	MOSFET	NDD02N60Z-1G/FQU2N60C/
	35	1Q2	Transistor	MMBT2907A
	36	1R17	Resistor	std
	37	2R18, R19	Resistor	std
	38	1R20	Resistor	std
	39	1Q4	Mosfet	2N7002L

additional parts for line r

Value	Package	Manufacturer
0.2A, 200V	SOT23	ON Semiconductor
4.7uF/35V	/1206	TDK
10pF/10V	/0603	Std
472/10v	/0603	Std
10uF/25v	/1206	TDK/Murata
3.3nF/630v	/1206	TDK
0.5A/600V	S0IC4	FSC/others
2A, 100V	SMA	ON/Diodes
1A, 1000V	SMA	ON/Diodes
1mH, 0.2A		LEDpower
681	Lead space	Murata
10R, 1W	Lead space	Vitrohm
0 ohm	/0603	Std
NC	/0603	Std
180k	/1206	Std
51k	/0603	Std
9.1k	/0603	Std
10R	/0805	Std
51k	/0603	Std
2R7	/0805	Std
22R	/0805	Std
10k	/0805	Std
180R	/1206	Std
1.5M	/1206	Std
NC	/0805	Std
270K	/1206	Std
450V, 4.7uF or 4.7uF/40(8mm(die.))		CapXon KW series
450V, 0.1uF	/1206	TDK
0.2A, 200V	SOD323	ON Semiconductor
30V, 0.5W	SOD123	Std
	MSOP-10	TI
2A, 600V	IPAK	ON/FSC/Infineon
	SOT23	Std
1.3M	/0603	std
6.8M	1206	std
100K	/0603	std
	SOT23	std

regulation compensation

Description	备注
Switching Diode, 0.2A, /200V	
Capacitor, Ceramic	
Capacitor, Ceramic, 10%	
Capacitor, Ceramic, 10%	
Capacitor, Ceramic	
Capacitor, Ceramic	
Bridge Rectifier, 600V, 0.5A	
Schottky Diode, 2A/100V	
Standard Rectifier, 1A, 1000V	
6mm*8.5mm	
Y1 CAP, 680pF or 102pF	
EPC13, 10pin Horizontal bobbin	Na=33T
Fusible Resistor	
Resistor, Chip, 0 ohm	
Resistor, Chip, 1/8W, 5%	
Resistor, Chip, 1/4W, 1%	
Resistor, Chip, 1/8W, 1%	
Resistor, Chip, 1/8W, 1%	
Resistor, Chip, 1/5W, 5%	
Resistor, Chip, 1/8W, 5%	
Resistor, Chip, 1/5W, 1%	
Resistor, Chip, 1/5W, 1%	
Resistor, Chip, 1/5W, 5%	
Resistor, Chip, 1/4W, 5%	
Resistor, Chip, 1/4W, 5%	
Resistor, Chip, 1/5W, 5%	
Resistor, Chip, 1/4W, 5%	
size, 8mmx11.5mm, 105°C, 5000h	
Capacitor, Ceramic	
Switching diode, 0.2A, 100V	
Zener diode	
Primary current sense controller	
MOSFET, N-ch, 600V, 2A	
PNP transistor, -0.6A, -60V	
Resistor, Chip, 1/8w, 1%	
Resistor, Chip, 1/4W, 1%	
Resistor, Chip, 1/8w, 1%	
MOSFET, 0.115A, 60V	

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