

Qty	Parts	Value	Device	Package	Description
diode					
1	B1	GBL2M	RECTIFIER 2A	FB15	Rectifier
1	B2	2W08	RECTIFIER 1,5A	RB1A	Rectifier
1	LED1	RED	LED3MM	LED3MM	LED
capacitors					
2	C1, C6	1000/25	elyt	E5-10,5	POLARIZED CAPACITOR
1	C13	47/25	elyt	E2,5-6	POLARIZED CAPACITOR
2	C17, C18	100/400 KXG	elyt	E7,5-18	POLARIZED CAPACITOR
2	C2, C4	100n	foil	C5B2.5	CAPACITOR
1	C3	22n/400 MKP10	foil, pin dist. 10Mm	C10B5	CAPACITOR
2	C5, C8	220/25	elyt	E3,5-8	POLARIZED CAPACITOR
1	C7	10/400 KMG	elyt	E5-10,5	POLARIZED CAPACITOR
1	C9	22n/400 MKS4	foil, pin dist. 10Mm	C10B5	CAPACITOR
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1	IC2	LM317	LM317TS	317TS	VOLTAGE REGULATOR
1	V1	PCL86		NOVAL	
resistors					
1	R1	10k	0309, 1W	0309/12	RESISTOR
1	R10	100/3W	0617, 3-4W	0617/17	RESISTOR
1	R11	5k	multiturn trimmer	RTRIM3296W	Trimm resistor
1	R14	680k	0309, 1W	0309/12	RESISTOR
1	R16	10k 1W	0414, 1-2W	0414/15	RESISTOR
1	R18	150/1W	0414, 1-2W	0414/15	RESISTOR
1	R2	150k	0309, 1W	0309/12	RESISTOR
1	R20	2k2	0204, 0,4W	0204/7	RESISTOR
1	R3	10	0309, 1W	0309/12	RESISTOR
1	R4	10M	0309, 1W	0309/12	RESISTOR
1	R5	240	0204, 0,4W	0204/7	RESISTOR
1	R6	330k	0309, 1W	0411/12	RESISTOR
1	R7	330	0309, 1W	0309/12	RESISTOR
1	R8	180k	0309, 1W	0309/12	RESISTOR
1	R9	10/3W	0617, 3-4W	0617/17	RESISTOR
others					
1	HS	SK104-25	SK104-PAD	SK104-PAD	HEATSINK Fischer
1	IN	con2 - 2,5		6410-02	CONNECTOR
3	AC1, AC2, OUT	CONN2-5,08	MKDSN1,5/2-5,08	MKDSN1,5/2-5,08	MKDSN 1,5/ 2-5,08 Printklemme

set filament voltage with R11 to 13-13,3V

