

Part	Value	Package	Description
B1		FBU4	Diode bridge GBU 8005
B2		FBU4	Diode bridge GBU 8005
C1	10000uF	EB30D	Polarized capacitor
C2	10000uF	EB30D	Polarized capacitor
C3	68n	C050-025X075	Capacitor
C4	0.33uF	C5B2.5	Capacitor
C5	1.0uF	C050-025X075	Capacitor
C6	100pF	C5B2.5	Capacitor
C7	0.1uF	C5B2.5	Capacitor
C8	100pF	C5B2.5	Capacitor
C9	100pF	C5B2.5	Capacitor
C10	10uF	CPOL-RADIAL-2.5MM-5MM	10.0BμF Polarized capacitors
C11	0.22uF	C5B2.5	Capacitor
C12	10nF	C5B2.5	Capacitor
C13	1000uF	EB22,5D	Polarized capacitor
C14	0.1uF	C5B2.5	Capacitor
C15	10uF	CPOL-RADIAL-2.5MM-5MM	10.0BμF polarized capacitors
D1	1N5408RLG	DIOAD2860W130L840D505	Diode
D2	1N914	DIOAD1068W53L380D172	Small Signal Diode
D3	1N914	DIOAD1068W53L380D172	Small Signal Diode
D4	1N5408RLG	DIOAD2860W130L840D505	Diode
F1		FUSE	FUSE
IC1	TIP36C	TO545P515X1560X2445-3P	PNP Bipolar Transistor, 25 A 100 V , 3-Pin TO-247
IC2	TIP36C	TO545P515X1560X2445-3P	PNP Bipolar Transistor, 25 A 100 V , 3-Pin TO-247
IC3	LM7812CT_NOPB	TO254P470X1028X1955-3P	LM7812CT Positive Voltage Regulator, 1A, 12 V, TO-220
IC4	LM301AN_NOPB	DIP794W53P254L959H508Q8N	LM301AN/NOPB Op Amp, 8-Pin MDIP
IC5	LM7905CT_NOPB	TO254P470X1028X1955-3P	LM7905CT Negative Voltage Reg 1.5A -5 V, 3-Pin TO-220
LED1	SFH482	SFH482	IR LED
P1	470K	RTRIM3296W	Trimm resistor
P4	100	RTRIM3296W	Trimm resistor
R1	30 2W	0207/10	Resistor
R2	0,1 5W	RESAD6200W85L2200D1000	Wirewound Resistors - Through Hole SQP5 R10 5% WIRE
R3	0,1 5W	RESAD6200W85L2200D1000	Wirewound Resistors - Through Hole SQP5 R10 5% WIRE
R4	680	R1206	Resistor
R5	0,1 5W	RESAD6200W85L2200D1000	Wirewound Resistors - Through Hole SQP5 R10 5% WIRE
R6	330 2W	0207/10	Resistor
R7	220	M1206	Resistor
R8	220	M1206	Resistor
R9	200	M1206	Resistor
REG_I_P2	500K	POT_ALPHA_RV16AF-20	
REG_U_P3	5.1K	POT_ALPHA_RV16AF-20	
U1	V_REG_317SINK	TO220-ADJ	Voltage Regulator