

Number	Desc 1	Desc 2	Desc 3	Source	Part Number	count
D2-D3-D4	1N4001	1A - 50V Diodes	On Semi	Digikey	1N4001RLOSCT-ND	3
Q2-Q3	BC546	NPN Bipolar Transistor	On Semi	Digikey	BC546BOS-ND	2
Q1	BC639	NPN Bipolar Transistor	Fairchild	Mouser	512-BC639	1
ZD1, ZD2	BZX85-XX	12V 1.3W Zener Diode	Fairchild	Mouser	512-BZX85C12	2
C4, C5	100nF	100V Polyester	Panasonic	Digikey	P4656-ND	2
C7, C17, C18, C19, C20, C21	100nF	100v MKP2	Wima	Mouser	505-MKP20.1/100/5	6
C10	100pF	50V Polyester	Panasonic	Digikey	P4570-ND	1
C10	22pF	200VDC 5% COG Golden	Kemet	Digikey	399-1890-ND	1
C12	220pF	200VDC 5% COG	BC Components	Digikey	BC1058CT-ND	1
C13	1uF	305V Polypropolene	BC Components	Mouser		1
C1, C2, C9, C14	220uF	Radial 50V lowESR EL Ca	Panasonic	Digikey	P10325-ND	4
C3, C8	10000uF	50V EL Caps	Panasonic	Digikey	P6690-ND	2
C15	22uF	Radial 50V EL Capacitor	Panasonic	Digikey	P10318-ND	1
C6, C11, C16	100uF	Radial 50V EL Capacitor	Panasonic	Digikey	P10323-ND	3
C34	10pF	200VDC 5% COG Golden	Kemet	Digikey	399-1888-ND	1
C30	1nF	100v MKP2	Wima	Mouser	505-MKP21000/100/5	1
C32	150pF	200VDC 5% COG Golden	Kemet	Digikey	399-1896-ND	1
U1	LM318N	DIL Op Amp	National Semi	Digikey	LM318N-ND	1
IC1-2	LM3886	Amp	National Semi	Digikey	LM3886TF-ND	1
D1		8A 400V Bridge Rect.	Diodes GBT804	Mouser	621-GBJ804	1
R5, R8	22K0	.25W .1%	IRC .1% RC55	Mouser	66-RC55-D-22.1K	2
R6, R9	47K0	.25W .1%	IRC .1% RC55	Mouser	66-RC55-D-47.5K	2
R2	33K	.25W 1% Metal Film	Xicon	Mouser	271-33K	1
R7	12K0	.25W 1% Metal Film	Xicon	Mouser	271-12K	1
R10	390	.25W 1% Metal Film	Xicon	Mouser	271-390	1
R11	1	.25W 1% Metal Film	KOA Spear	Mouser	660-MF1/4CL1R00F	1
R12	3K32	.25W 1% Metal Film	Xicon	Mouser	271-3.32K	1
R13	100K	.25W 1% Metal Film	Xicon	Mouser	271-100K	1
R15, R16	75K	.25W 1% Metal Film	Xicon	Mouser	271-75K	2
R19	10K	.25W 1% Metal Film	Xicon	Mouser	271-10K	1
R20	47K	.25W 1% Metal Film	Xicon	Mouser	271-47K	1
R21	220K	.25W 1% Metal Film	Xicon	Mouser	271-220K	1
R22	8K2	.25W 1% Metal Film	Xicon	Mouser	271-8.2K	1
R39	470K	.25W 1% Metal Film	Xicon	Mouser	271-470K	1
R43	22K	.25W 1% Metal Film	Xicon	Mouser	271-22K	1
R37	3K3	.25W 1% Metal Film	Xicon	Mouser	271-3.32K	1
R42	270	.25W 5% Carbon Film				1
R23	6K8	.5W 5%	Xicon	Mouser	273-6.8K	1
R1, R4	1K	3W 5% Metal Oxide	Panasonic	Digikey		2
R14	470	1W 5% Small Metal Oxide	Xicon	Mouser	281-470	1
R3	0.47	7W WW (vertical)	Xicon	Mouser	280-PRM7-0.47	1
RELAY1		RELAY SPDT 10A 24V 14-24v 8A Omeron		Digikey	Z1013-ND	1
PL1-8		Faston Connectors (PCB Mount)		Digikey	A24742-ND	5
FPL1-8		Faston Femail connectors		Digikey	WM18237-ND	5