

Parts List

REF DES	OLD REF DES	QTY	Uof M	DESC	MFG	MFG PN
A1				Printed Circuit Board ASSY (PCBA)	REF	
A1C01	C1	1	EA	CAP, 2200 µF 35 V Al Electro		
A1C02	C2	1	EA	CAP, 0.1 µF 50 V		
A1C03	C3	1	EA	CAP, 10 nF 50 V		
A1C04	C4	1	EA	CAP, 100 µF 25 V Al Electro		
A1C06	C6	1	EA	CAP, 6.8 µF 6 V Al Electro		
A1C07	C7	1	EA	CAP, 1 nF 100 V		
A1C08	C8	1	EA	CAP, 1 nF 100 V		
A1C09	C9	0	EA	CAP, 1 nF 100 V		
A1C10		1	EA	CAP, 470 pF 10 % X7R 50 V MLCC Radial	VISHAY	K471K15X7RF53L2
A1D1	D1	1	EA	DIO	ANY	1N4002
A1D2	D2	1	EA	DIO	ANY	1N4002
A1D3	D3	1	EA	DIO	ANY	1N914
A1D4	D4	1	EA	DIO, ZENER 5.6 V 5 % ½ W DO-35	ANY	1N752A
A1D5	D5	1	EA	DIO	ANY	1N4002
A1Q1	Q1	1	EA	BJT, PNP	ANY	2N3906
A1R01R1	R01	1	EA	RES, 15 Ω		
A1R01R2	R01X	1	EA	RES, 22 Ω		
A1R02	R02	1	EA	RES, 10 Ω		
A1R03R1	R03	1	EA	RES, 2.4 kΩ		
A1R03R2	R03X	0	EA	NOT INSTALLED		
A1R04	R04	1	EA	RES, 300 Ω		
A1R05	R05	1	EA	POT, TRIMMER 1 kΩ		
A1R06	R06	1	EA	RES, 2.2 kΩ		
A1R07	R07	1	EA	RES, 3 kΩ		
A1R08	R08	1	EA	RES, 3.6 kΩ		
A1R09	R09	1	EA	RES, 470 Ω		
A1R10	R10	1	EA	RES, 9.1 kΩ		
A1R11	R11	1	EA	RES, 1 kΩ		
A1R12	R12	1	EA	RES, 100 Ω		
A1R13	R13	1	EA	RES, 19 kΩ		
A1R14	R14	1	EA	RES, 330 Ω		
A1R19	R19	1	EA	RES, 2.4 Ω		
A1U0		1	EA	PCB		
A1VR1	A1	1	EA	VOLT REG	ANY	LM723
C1	C101	1	EA	CAP, 2.2 mF 16 V		
C2		1	EA	CAP, 100 nF		
C3		1	EA	CAP, 100 nF		
C4		1	EA	CAP, 1 nF		
C5C1	C5	1	EA	CAP, 32 mF 25 V Al Electro		
C5C2	C5	1	EA	CAP, 32 mF 25 V Al Electro		
C6		1	EA	CAP, 1 nF		
C7		1	EA	CAP, 10 nF 1 kV		
D1	D101	1	EA	DIO, Rectifier		
D2	D102	1	EA	DIO, Rectifier		
E1		1	EA	22-16 AWG Butt Conn		

Parts List

E2		1EA	22-16 AWG Butt Conn		
E3		1EA	SINGLE SOLDER LUG		
E4		1EA	SINGLE SOLDER LUG		
E5		1EA	RING TERMINAL		
F1	F1	1EA	FUSE, 8 A SB		
H01	.	1EA	BOLT, HEX HEAD, 1/4-20 X ? Cu		
H02		1EA	BOLT, HEX HEAD, 1/4-20 X ? Cu		
H03		2EA	HEX NUT		
H04		8EA	SCREW, SELF TAPPING		
H05		4EA	RUBBER WASHER, BLK		
H07		1EA	NUT		
H08		4EA	1/4" FW		
H09		4EA	LW SPLIT, 1/4"		
H10		2EA	SCREW		
H11		1EA	SCREW		
H12		2EA	LW, EXT TOOTH		
H13		4EA	HEX NUT, 1/4-20		
H14		2EA	HEX NUT		
H15		1EA	LW, EXT TOOTH		
H16		4EA	POP RIVIT		
M1		1EA	METER, V,I	ASTRON	
MP01		1EA	STEEL CHASSIS		
MP02		4EA	MICA INSULATOR		
MP03		3EA	BLUE PLASTIC COVER		
MP04		1EA	NYLON INSERT		
MP05		2EA	MICA INSULATOR, LG ROUND		
MP06		1EA	STEEL COVER		
MP07		1EA	PLASTIC CORD HOLDER		
MP08		AR	HEAT SHRINK TUBING		
MP09		1EA	FINNED HEAT SINK		
MP10		4EA	MICA INSULATOR, TO-3		
MSC1		AR	THERMAL GREASE		
Q1	Q101	1EA	BJT, NPN	ANY	2N3771
Q2	Q102	1EA	BJT, NPN	ANY	2N3771
Q3	Q103	1EA	BJT, NPN	ANY	2N3771
Q4	Q104	1EA	BJT, NPN	ANY	2N3771
Q5	Q2	1EA	BJT, NPN	ANY	TIP29
Q6	Q109	1EA	SCR, 2N681	ANY	2N682
R1	R101	1EA	RES, 50 mΩ 5 % 5 W WW		
R2	R102	1EA	RES, 50 mΩ 5 % 5 W WW		
R3	R103	1EA	RES, 50 mΩ 5 % 5 W WW		
R4	R104	1EA	RES, 50 mΩ 5 % 5 W WW		
R5		1EA	RES, TEST SELECTED		FOR METER SW
R6		1EA	RES, TEST SELECTED		FOR METER SW
RV1	VR1	1EA	MOV, 130 V 10 A		V150LA10A
S1		1EA	SW, ROCKER		
T1	T1	1EA	XFMR, PWR	ASTRON	8233F
TB1		1EA	TERMINAL BD, 2 POLE		
TB2		1EA	TERMINAL BD, 2 POLE		

Parts List

TB3		1 EA	TERMINAL BD, 2 POLE		
U1	SW1	1 EA	SW, w/LAMP		
W01	P1	1 EA	LINE CORD w/PLUG		
W02		AR	WIRE, BLK		
W03		AR	WIRE, BLK		
W04		AR	WIRE, GRN		
W05		AR	WIRE, BLU		
W05E1		1 EA	RING TERMINAL		
W06		AR	WIRE, BLU		
W06E1		1 EA	RING TERMINAL		
W06E2		1 EA	RING TERMINAL		
W07		AR	WIRE, BLK		
W07E1		1 EA	RING TERMINAL		
W07E2		1 EA	RING TERMINAL		
W08		AR	WIRE, BLK		
W08E1		1 EA	RING TERMINAL		
W09		AR	WIRE, RED		
W09E1		1 EA	TERMINAL		
W10		AR	WIRE, BARE		
W11		AR	WIRE, RED		
W11E1		1 EA	RING TERMINAL		
W12		AR	WIRE, SM ORG		
W13		AR	WIRE, SM GRY		
W14		AR	WIRE, SM RED		
W15		AR	WIRE, SM BLK		
W16		AR	WIRE, BLK		
W17		AR	WIRE, BLK		
W18		AR	WIRE, LG RED		
W19		AR	WIRE, LG RED		
W20		AR	WIRE, LG RED		
W21		AR	WIRE, LG RED		
W22		AR	WIRE, BRN		
W23		AR	WIRE, SM ORG		
W24		AR	WIRE, RED		
W25		AR	WIRE, SM ORG		
W26		AR	WIRE, BLU		
W27		AR	WIRE, SM ORG		
W28		AR	WIRE, SM ORG		
W29		AR	WIRE, RED		
W30		AR	WIRE, BLK		
W31		AR	WIRE, ORG		
W32		AR	WIRE, SM YEL		
W33		AR	WIRE, VIO		
W34		AR	WIRE, BARE		