

SE250 Parts List

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SLF33030 – Transmitter, SE250 Dual

REF DES	QTY	PART NO.	DESCRIPTION
A7	1	9S900033	SWITCH, ETHERNET 5-PORT
RV1	1	SLW10017	SURGE SUPPRESSOR
RV2	1	SLW10017	SURGE SUPPRESSOR
RV3	1	SLW10017	SURGE SUPPRESSOR
1A1A1	1	SLP45500	TRANSMITTER CONTROL PRINTED CIRCUIT BOARD
1A1A2	1	SLE46400	LOW VOLTAGE POWER SUPPLY MODULE 250 WATT
1A1A3	1	SLE46100	POWER CONTROL MODULATOR MODULE
1A1A4	1	SLE46000	SWITCHING POWER AMPLIFIER MODULE
1A1A5	1	SLE46200	FILTER BRIDGE MODULE STANDARD BAND
1A1A6	1	9P690750	POWER SUPPLY, PSU-750
2A1	1		COUPLER
3A1	1		ANTENNA
4A1A1	1	SLP45500	TRANSMITTER CONTROL PRINTED CIRCUIT BOARD
4A1A2	1	SLE46400	LOW VOLTAGE POWER SUPPLY MODULE 250 WATT
4A1A3	1	SLE46100	POWER CONTROL MODULATOR MODULE
4A1A4	1	SLE46000	SWITCHING POWER AMPLIFIER MODULE
4A1A5	1	SLE46200	FILTER BRIDGE MODULE STANDARD BAND
4A1A6	1	9P690750	POWER SUPPLY, PSU-750
5A1	1	SLE33010	MASTER CONTROL PANEL
5A1A1	1	SLP43300	MASTER CONTROL PRINTED CIRCUIT BOARD
5A1A1A1	1	9C583005	CONVERTER; SERIAL TO ETHERNET
5A1A2	1	9L100000	LIQUID CRYSTAL DISPLAY MODULE
5A1M1	1	9M190009	METER; 2.5IN, 0-1 MADC RF POWER
5A1M2	1	9M190028	METER; 2.5IN, 0-1MA, PA
5A2F1	1	9F830150	FUSE, 15 AMP, 250V, ABC FAST ACTING TYPE
5A2S1	1	9S901004	SWITCH, SPDT PC
5A3	1	SLE33080	POWER CONTROL PANEL
5A3A1	1	SLP45600	BATTERY SENSE POWER CONTROL
5A3A2	1	SLP46700	AUDIO I/O PRINTED CIRCUIT BOARD
5A3CB1	1	9C350027	CIRCUIT BREAKER, MAGNETIC, 2 POLE SERIES
	1	9F340005	FAN FILTER ASSY
54	4	9G020008	GASKET, EMI SHIELDING 10mm x 5mm
	1	SLK33002	KIT, HARDWARE/INSTALLATION SE250
		SLF83301	SE SERIES LEASED LINE MODEM SE SERIES (OPTIONAL)
		SLF83303	SE, E-NET, TO SC MM FIBER OPTICS CONVERTER, 2KM (OPTION)
		SLF83304	RADIO LINK, E-NET to 5.8GHz, 4.5km (OPTIONAL)
		SLF83308	SE, E-NET TO SC SM FIBER OPTIC, CONVERTER, 20KM (OPTION)
		SLF83314	SE SERIES ETHERNET TO LAND LINE DIALUP (OPTIONAL)
		SLF83315	ETHERNET EXTENDER MODEM (OPTIONAL)

SLE33080 – Power Control

REF DES	PART NO.	DESCRIPTION
1	S1330080	PANEL; REAR POWER CONTROL
2	20002012	SCREW; PHP 4-40X3/8 SS
3	20002016	SCREW; PHP 4-40X1/2 SS
5	20004028	SCREW; PHP 8-32X7/8 SS
6	20004036	SCREW; PHP 8-32X1-1/8 SS
7	2024E048	BOLT; ROUND HD SLOTTED 1/4-20 X 1-1/2 BRASS
8	21002000	NUT; HEX 4-40 SS
9	21003001	NUT; HEX 6-32 SMALL PATTERN SS
10	21004000	NUT; HEX 8-32 SS
11	21005000	NUT; HEX 10-32 SS
12	21207000	NUT; HEX 1/4-20 BRASS
13	22002000	WASHER; FLAT NO. 4 SS
14	22002001	WASHER; FLAT NO.4 SMALL PATTERN SS
15	22003001	WASHER; FLAT NO.6 SMALL PATTERN SS
16	22004000	WASHER; FLAT NO. 8 SS
17	22005000	WASHER; FLAT #10 SS(0.203ID X 0.437OD X 0.062TH)
18	22012000	WASHER; SPLIT LOCK NO. 4 SS
19	22013000	WASHER; SPLIT LOCK NO. 6 SS
20	22014000	WASHER; SPLIT LOCK NO. 8 SS
21	22015000	WASHER; SPLIT LOCK NO. 10 SS
22	9B830001	BUSHING; SNAP, 1.0" HOLE DIA., 0.125" PANEL, BLACK,
23	9C480001	CLP CA 1/4 NYL
24	22207000	WASHER; FLAT 1/4 BRASS
25	22217000	WASHER; SPLIT LOCK 1/4 SIL BRONZE
26	22227000	WASHER; INTERNAL TOOTH 1/4 SILICONE BRONZE
27	4A000000	TERMINAL; COPPER "D" 14 AWG SOLID, 4 AWG STRD
28	9C013000	CABLE TIE, 4 "
29	41131000	TERMINAL; RING, #6 22-18 AWG INSULATED
30	01510008	TUBING, 12 CLEAR VINYL
31	9C460012	CLAMP, ALUM., 5/8" W/RUBBER SHEATH
32	20005032	SCREW; PHP 10-32X1 SS
33	21004001	NUT; HEX 8-32 SS SMALL PATTERN
34	22004001	WASHER; FLAT NO. 8 SMALL PATTERN SS
35	20005020	SCREW; PHP 10-32X5/8 SS
A1	SLP45600	PCB, BATTERY SENSE VOLTAGE REGULATOR
A1P1	54000069	CONNECTOR; HOUSING, LOCKING, 8-POS 0.165 PITCH,
A1P2	53000022	CONNECTOR; HOUSING, LKG, 14-POS (2X7) 0.165
A2	SLP46700	PCB, AUDIO I/O
C1	SLE33401	ASSEMBLY; CE AC FEED
C2	1C671070	CAPACITOR; 10UF, 370V, MOTOR RUN, AL HOUSING
CR1	1D400400	DIODE, RECT 400V 1A 30 DO41
CR2	1D400400	DIODE, RECT 400V 1A 30 DO41

CR3	1D400400	DIODE, RECT 400V 1A 30 DO41
CR4	1D400400	DIODE, RECT 400V 1A 30 DO41
CR5	1D400400	DIODE, RECT 400V 1A 30 DO41
FL1	9F345009	FILTER; LINE 20A
J1	9C012033	CABLE, ETHERNET RJ45 PANEL F TO M 6 FT
J3	56000004	CONNECTOR; COAX, PANEL MOUNT, RECPT TYPE N
J4	56000004	CONNECTOR; COAX, PANEL MOUNT, RECPT TYPE N
K1	9R190070	RELAY; SPDT, AUTOMOTIVE PLUG-IN 12V
K2	9R190070	RELAY; SPDT, AUTOMOTIVE PLUG-IN 12V
K3	9R190079	RELAY; POWER, DPDT, 12VDC COIL, 16A, FLANGE MOUNT
P5	54000002	CONNECTOR; PLUG HOUSING, 12 POS
R1	1R741520	RESISTOR; 15.0K OHM, 1/4W, 1%, METAL FILM
R2	1R741520	RESISTOR; 15.0K OHM, 1/4W, 1%, METAL FILM
RV1	SLW10017	ASSEMBLY, SURGE SUPPRESSORS (SINGLE)
RV2	SLW10017	ASSEMBLY, SURGE SUPPRESSORS (SINGLE)
RV3	SLW10017	ASSEMBLY, SURGE SUPPRESSORS (SINGLE)
TB1	50000009	CONNECTOR; BARRIER TERM BLOCK, 10POS, 140 SERIES
TB2	50000006	CONNECTOR; BARRIER TERM BLOCK, 3 POS, 142 SERIES
TB3	50000006	CONNECTOR; BARRIER TERM BLOCK, 3 POS, 142 SERIES
TB4	50000114	CONNECTOR; BARRIER TERM BLOCK 4 POS 142 SERIES
W1	31860000	WIRE; 14 AWG, 19 STRAND, BLUE
W10	31860000	WIRE; 14 AWG, 19 STRAND, BLUE
W11	31840000	WIRE; 14 AWG, 19 STRAND, YELLOW
W12	31650000	WIRE; 18AWG 7 STRAND GREEN
W13	31650000	WIRE; 18AWG 7 STRAND GREEN
W14	31650000	WIRE; 18AWG 7 STRAND GREEN
W15	31840000	WIRE; 14 AWG, 19 STRAND, YELLOW
W16	31610000	WIRE; 18 AWG 7 STRAND BROWN
W17	31680001	WIRE; 18 AWG 7 STRAND GREY
W18	31600000	WIRE; 18 AWG 7 STRAND BLACK
W19	31610000	WIRE; 18 AWG 7 STRAND BROWN
W2	31840000	WIRE; 14 AWG, 19 STRAND, YELLOW
W20	31650000	WIRE; 18AWG 7 STRAND GREEN
W21	31840000	WIRE; 14 AWG, 19 STRAND, YELLOW
W22	31610000	WIRE; 18 AWG 7 STRAND BROWN
W23	31660000	WIRE; 18 AWG 7 STRAND BLUE
W24	31660000	WIRE; 18 AWG 7 STRAND BLUE
W25	318M0000	WIRE; 14 AWG 19 STRAND GREEN/YELLOW
W26	31670000	WIRE; 18 AWG 7 STRAND VIOLET
W27	31600000	WIRE; 18 AWG 7 STRAND BLACK
W28	31670000	WIRE; 18 AWG 7 STRAND VIOLET
W29	31660000	WIRE; 18 AWG 7 STRAND BLUE
W3	31810000	WIRE; 14 AWG, 41 STRAND BROWN
W30	31630000	WIRE; 18 AWG 7 STRAND ORANGE
W31	31600000	WIRE; 18 AWG 7 STRAND BLACK
W32	31650000	WIRE; 18AWG 7 STRAND GREEN
W33	31620000	WIRE; 18 AWG 7 STRAND RED
W34	31670000	WIRE; 18 AWG 7 STRAND VIOLET

W35	31600000	WIRE; 18 AWG 7 STRAND BLACK
W36	31660000	WIRE; 18 AWG 7 STRAND BLUE
W37	31610000	WIRE; 18 AWG 7 STRAND BROWN
W38	31660000	WIRE; 18 AWG 7 STRAND BLUE
W39	31660000	WIRE; 18 AWG 7 STRAND BLUE
W4	31650000	WIRE; 18AWG 7 STRAND GREEN
W40	31610000	WIRE; 18 AWG 7 STRAND BROWN
W41	31810000	WIRE; 14 AWG, 41 STRAND BROWN
W42	31860000	WIRE; 14 AWG, 19 STRAND, BLUE
W43	31600000	WIRE; 18 AWG 7 STRAND BLACK
W44	31840000	WIRE; 14 AWG, 19 STRAND, YELLOW
W45	31610000	WIRE; 18 AWG 7 STRAND BROWN
W46	31880000	WIRE; 14 AWG 19 STRAND GREY
W47	31600000	WIRE; 18 AWG 7 STRAND BLACK
W48	31840000	WIRE; 14 AWG, 19 STRAND, YELLOW
W49	31610000	WIRE; 18 AWG 7 STRAND BROWN
W5	31860000	WIRE; 14 AWG, 19 STRAND, BLUE
W6	31810000	WIRE; 14 AWG, 41 STRAND BROWN
W7	31860000	WIRE; 14 AWG, 19 STRAND, BLUE
W8	318M0000	WIRE; 14 AWG 19 STRAND GREEN/YELLOW
W9	318M0000	WIRE; 14 AWG 19 STRAND GREEN/YELLOW
XC2	9C460018	CLAMP, KIT FOR OVAL MOTOR RUN CAPACITORS
XTB1	9M050028	MARKER STRIP; BARRIER TERM BLOCK, 10 POS, 140 SERIES
XTB2	9M050020	MARKER STRIP; BARRIER TERM BLOCK, 3 POS, 142 SERIES
XTB3	9M050020	MARKER STRIP; BARRIER TERM BLOCK, 3 POS, 142 SERIES
XTB4	9M050016	MARKER STRIP; BARRIER TERM BLOCK, 4 POS, 142 SERIES

SLP43300 – Assembly, Master Controller PCB

REF DES	PART NO.	DESCRIPTION
BT1	9B080004	BATTERY; 3VDC, LITHIUM, TABBED
C1	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C2	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C3	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C4	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C7	6C512240	CAPACITOR; 22PF, 100V, CERAMIC 0805
C8	6C512240	CAPACITOR; 22PF, 100V, CERAMIC 0805
C9	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C10	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C11	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C12	6C420110	CAPACITOR; 0.001UF, 50V, CERAMIC, 1206
C13	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C14	6C420110	CAPACITOR; 0.001UF, 50V, CERAMIC, 1206
C15	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C16	6C420110	CAPACITOR; 0.001UF, 50V, CERAMIC, 1206
C17	6C512240	CAPACITOR; 22PF, 100V, CERAMIC 0805
C18	6C512240	CAPACITOR; 22PF, 100V, CERAMIC 0805
C19	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C20	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C21	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C22	6C410000	CAPACITOR; 1.0UF, 25V, CERAMIC 1206
C23	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C24	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C25	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C26	6C534710	CAPACITOR; .047UF, 50V, CERAMIC CHIP 1206
C27	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C28	6C410000	CAPACITOR; 1.0UF, 25V, CERAMIC 1206
C29	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C30	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C31	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C32	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C33	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C34	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C35	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C36	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C37	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C38	6C671010	CAPACITOR; 10UF, 50V, ALUM ELECT
C39	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C40	6C671010	CAPACITOR; 10UF, 50V, ALUM ELECT
C41	6C374700	CAPACITOR; 47UF, 16V, TANTALUM CHIP
C42	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C43	6C671010	CAPACITOR; 10UF, 50V, ALUM ELECT

C44	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C45	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C46	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C47	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C48	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C49	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C50	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
CR1	6D121400	DIODE; RECTIFIER, 200V, 1A, SMT, DO-214AC
CR2	6D121400	DIODE; RECTIFIER, 200V, 1A, SMT, DO-214AC
CR3	6D300000	DIODE; RECTIFIER 100V, 3A, SMT DO-214AB
CR4	6D300000	DIODE; RECTIFIER 100V, 3A, SMT DO-214AB
CR5	6D300000	DIODE; RECTIFIER 100V, 3A, SMT DO-214AB
CR6	6D300000	DIODE; RECTIFIER 100V, 3A, SMT DO-214AB
DS1	1DL65020	LED, RED, SMT 1206
J1	51000063	CONNECTOR; HEADER BREAKAWAY SINGLE 14 POS
J2	51000036	CONNECTOR; HEADER, SQUARE POST, 12 POS., SINGLE ROW
J3	51000036	CONNECTOR; HEADER, SQUARE POST, 12 POS., SINGLE ROW
J4	51000036	CONNECTOR; HEADER, SQUARE POST, 12 POS., SINGLE ROW
J5	51000065	CONNECTOR; 4 WALL HEADER, SQUARE POST, 20 POS, DUAL ROW
J6	51000064	CONNECTOR; 4 WALL HEADER, SQUARE POST, 14 POS, DUAL ROW
J7	51000080	CONNECTOR; R.A. HEADER, SQ. POST, 6 POS., SINGLE ROW
J1	4 51000078	CONNECTOR; DB9 - FEMALE (SOCKET), PCB MOUNT
J15	51000078	CONNECTOR; DB9 - FEMALE (SOCKET), PCB MOUNT
J17	SLD33079	MODIFICATION, CONNECTOR 20 POSITION 2 X 10
JP1	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP2	51000026	CONNECTOR; HEADER, SQUARE POST, 3 POS. SINGLE ROW
JP3	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP4	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP5	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP6	51000026	CONNECTOR; HEADER, SQUARE POST, 3 POS. SINGLE ROW
JP7	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP8	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP9	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP10	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP11	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP12	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP13	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP14	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP15	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP16	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP17	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP19	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP20	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
Q1	6T700001	TRANSISTOR; N-CHANNEL FET 60V SWITCHING
Q2	6T700001	TRANSISTOR; N-CHANNEL FET 60V SWITCHING
Q3	6T700001	TRANSISTOR; N-CHANNEL FET 60V SWITCHING
Q4	6T700001	TRANSISTOR; N-CHANNEL FET 60V SWITCHING
Q5	6T700001	TRANSISTOR; N-CHANNEL FET 60V SWITCHING

Q7	6T700001	TRANSISTOR; N-CHANNEL FET 60V SWITCHING
R1	6R224720	RESISTOR; 4.7K OHM, 1/4W, 5%, THICK FILM, 1206
R2	6R224720	RESISTOR; 4.7K OHM, 1/4W, 5%, THICK FILM, 1206
R3	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R5	1RV35021	POT; , 5K OHM, 1/4IN.10 %, SINGLE TURN
R6	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R7	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R8	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R9	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R10	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R11	6R134920	RESISTOR; 4.99K OHM, 1/4W, 1%, THICK FILM, 1206
R12	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R13	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R14	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R15	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R16	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R17	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R18	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R19	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R20	1RV45020	POT; 50K OHM, 10 %, 1/4IN, SINGLE TURN
R21	6R142720	RESISTOR; 27K OHM, 1/4W, 1%, THICK FILM, 1206
R22	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R23	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R24	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R25	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R26	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R27	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R28	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R29	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R30	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R31	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R32	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R33	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R34	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R35	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R36	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R37	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R38	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R39	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R40	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R41	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R42	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R43	1R731020	RESISTOR; 1K OHM, 1/4W, 1%, METAL FILM
R44	6R134920	RESISTOR; 4.99K OHM, 1/4W, 1%, THICK FILM,
R45	6R731221	RESISTOR; 4.12K OHM, 1/4W, 1%, THICK FILM,
R46	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R47	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R48	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206

R49	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R51	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R52	6R224720	RESISTOR; 4.7K OHM, 1/4W, 5%, THICK FILM, 1206
R53	6R224720	RESISTOR; 4.7K OHM, 1/4W, 5%, THICK FILM, 1206
R54	6R224720	RESISTOR; 4.7K OHM, 1/4W, 5%, THICK FILM, 1206
R55	6R224720	RESISTOR; 4.7K OHM, 1/4W, 5%, THICK FILM, 1206
R56	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R57	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
TB1A	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TB1B	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TB1C	50000005	CONNECTOR; TERM BLOCK, 2 POS, FRONT INLET PC
TB2A	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TB2B	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TB2C	50000005	CONNECTOR; TERM BLOCK, 2 POS, FRONT INLET PC
TB3A	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TB3B	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TB4A	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TB4B	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TB5	50000007	CONNECTOR; TERM BLOCK, 3 POS, FRONT INLET PC
TP1	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP2	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP3	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
U1	6U742371	IC; DECODER LATCH; 3 TO 8 LINE, 16-PIN SOIC
U2	6U302900	IC; MCU M16C29, FLASH 128K, 80-PIN LQFP
U3	6U057300	IC; OCTAL TRANSPARENT D-TYPE LATCH
U4	6RD22710	RESISTOR; 2.7K OHM, 16-PIN, SOMC IC NETWORK
U5	6U057300	IC; OCTAL TRANSPARENT D-TYPE LATCH
U6	6RD22710	RESISTOR; 2.7K OHM, 16-PIN, SOMC IC NETWORK
U7	6U057300	IC; OCTAL TRANSPARENT D-TYPE LATCH
U8	6RD22710	RESISTOR; 2.7K OHM, 16-PIN, SOMC IC NETWORK
U9	6U165900	IC; PIC MCU, FLASH BASED, 2KX12, 44 PIN, TQFP
U10	6U744060	IC; BINARY COUNTER, CMOS, 16 PIN SOIC
U11	6U316000	IC; DRIVER/RECEIVER; MULTIPROTOCOL TRANCEIVERS, 24-PIN
U12	6U744960	IC; D FLIP FLOP, DUAL, CMOS, 14PIN SOIC
U13	6U138800	IC; REAL TIME CLOCK/SUPERVISOR, 512K EEPROM, 8-PIN SOIC
U14	6U744053	IC; MUX/DEMUX, ANALOG, TRIPLE SINGLE-POLE, 16-PIN SOIC
U15	6U740001	IC; NAND GATE, QUAD 2-INPUT, 14-PIN SOIC RC)
U16	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U17	6U780500	IC; VOLTAGE REGULATOR, FIXED 5V, 1A, SMT D2PAK
U18	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U19	6U780500	IC; VOLTAGE REGULATOR, FIXED 5V, 1A, SMT D2PAK
U20	6D111700	IC; VOLTAGE REGULATOR, FIXED 3.3V 1A TO 252
U22	6U324000	IC; OP AMP, QUAD 1.8-5V RAIL TO RAIL IO, 14PIN SOIC
U23	6U951200	IC; LEVEL SHIFTER; 12C BUS BUFFER, 8-PIN SOIC
U24	6U101085	IC; DAC, 10 BIT WITH 12C INTERFACE, 8-PIN MSOP
U25	6U101085	IC; DAC, 10 BIT WITH 12C INTERFACE, 8-PIN MSOP
U26	6U400000	IC; OPTOCOUPLER; QUAD, 16-PIN, SOIC, SMT
U27	6U246400	IC: 32K BYTE F-RAM, 8-PIN SOIC

XBT1	9B090001	HOLDER, COIN BATTERY
XJ14	9J021004	4-40 JACK SCREW KIT, .50 IIN THREAD, .232 IN SCREWLOCK
XJ15	9J021004	4-40 JACK SCREW KIT, .50 IIN THREAD, .232 IN SCREWLOCK
Y2	6Y200000	CRYSTAL; 20MHZ, CYLINDRICAL, SMT
Y3	6Y140000	CRYSTAL; 4MHZ, CYLINDRICAL SMT
Y4	6Y132768	CRYSTAL; 32.768KHZ CYLINDRICAL SMT

SLP45500 – Assembly, Transmitter Control PCB

REF DES	PART NO.	DESCRIPTION
C2	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C3	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C4	6C671010	CAPACITOR; 10UF, 50V, ALUM ELECT
C5	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C6	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C7	6C512240	CAPACITOR; 22PF, 100V, CERAMIC 0805
C8	6C512240	CAPACITOR; 22PF, 100V, CERAMIC 0805
C9	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C10	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C11	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C12	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C13	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C14	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C15	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C16	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C17	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C18	6C511810	CAPACITOR; 18PF, 50V, CERAMIC 1206
C19	6C516810	CAPACITOR; 68PF, 50V, CERAMIC 1206
C20	6C516810	CAPACITOR; 68PF, 50V, CERAMIC 1206
C21	6C511810	CAPACITOR; 18PF, 50V, CERAMIC 1206
C22	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C23	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C24	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C25	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C26	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C27	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C28	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C29	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C30	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C31	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C32	6C420110	CAPACITOR; 0.001UF, 50V, CERAMIC, 1206
C33	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C34	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C35	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C36	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C37	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C38	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C39	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C40	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C41	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C42	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C43	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206

C44	6C534711	CAPACITOR; .0047UF, 50V CERAMIC SMT 1206
C45	6C541540	CAPACITOR; 0.015UF, 100V, CERAMIC 1206
C46	6C534711	CAPACITOR; .0047UF, 50V CERAMIC SMT 1206
C47	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C48	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C49	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C50	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C51	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C52	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C53	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C54	6C420110	CAPACITOR; 0.001UF, 50V, CERAMIC, 1206
C55	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C56	6C420110	CAPACITOR; 0.001UF, 50V, CERAMIC, 1206
C57	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C58	6C621000	CAPACITOR; 100UF, 35V, ALUM ELECT, SMT
C59	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C60	6C5415A0	CAPACITOR; 1500PF, 50V, CERAMIC CHIP, 1206
C61	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C62	6C531510	CAPACITOR; 0.0015UF, 100V, CERAMIC 1206
C64	6C631001	CAPACITOR; 1000UF, 25V, ALUM ELECT, SMT
C65	6C621000	CAPACITOR; 100UF, 35V, ALUM ELECT, SMT
C66	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C67	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C68	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C69	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C70	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C71	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C72	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C73	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C74	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C75	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C76	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C77	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C78	6C521010	CAPACITOR; 100PF, 50V, CERAMIC CHIP 1206
C79	6C521010	CAPACITOR; 100PF, 50V, CERAMIC CHIP 1206
C80	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C81	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C83	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
CR1	6D121400	DIODE; RECTIFIER, 200V, 1A, SMT, DO-214AC
CR2	6D121400	DIODE; RECTIFIER, 200V, 1A, SMT, DO-214AC
CR3	6D121400	DIODE; RECTIFIER, 200V, 1A, SMT, DO-214AC
CR4	6D581970	DIODE; SCHOTTKY BARRIER, 40V, 1A, SOD-123
CR5	6D415311	DIODE; SWITCHING, HIGH SPEED, 50V, 200mA, SOD-80
J1	51000078	CONNECTOR; DB9 - FEMALE (SOCKET), PCB MOUNT
J3	SLD33083	MODIFICATION, CONNECTOR 14 POSITION 2 X 16
J4	56000026	CONNECTOR; BNC SOCKET 100 OHM, STRAIGHT, PCB MOUNT
J5	51000037	CONNECTOR; HEADER, SQUARE POST, 6 POS., SINGLE ROW
J6	51000085	CONNECTOR; DB15- FEMALE (SOCKET), STR PCB MOUNT

J7	51000037	CONNECTOR; HEADER, SQUARE POST, 6 POS., SINGLE ROW
J8	56000026	CONNECTOR; BNC SOCKET 100 OHM, STRAIGHT, PCB MOUNT
J11	51000085	CONNECTOR; DB15- FEMALE (SOCKET), STR PCB MOUNT
J12	51000085	CONNECTOR; DB15- FEMALE (SOCKET), STR PCB MOUNT
J13	51000085	CONNECTOR; DB15- FEMALE (SOCKET), STR PCB MOUNT
J14	51000086	CONNECTOR; VERT
JP1	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP2	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP3	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP4	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP5	51000026	CONNECTOR; HEADER, SQUARE POST, 3 POS. SINGLE ROW
JP6	51000026	CONNECTOR; HEADER, SQUARE POST, 3 POS. SINGLE ROW
JP7	51000026	CONNECTOR; HEADER, SQUARE POST, 3 POS. SINGLE ROW
L1	6L000004	INDUCTOR; 2.0uF SHIELDED SMD
L2	6L000003	INDUCTOR; 3.3uF SHIELDED SMD
L3	6L000004	INDUCTOR; 2.0uF SHIELDED SMD
L4	6L000005	INDUCTOR; 470 SHIELDED SMD
L5	6L000005	INDUCTOR; 470 SHIELDED SMD
L6	6L000007	INDUCTOR; 82UH, 1.3A, POWER, SMD
L7	6L000006	INDUCTOR; 1UH, 2.2A, POWER, SMD
Q1	6T700001	TRANSISTOR; N-CHANNEL FET 60V SWITCHING
R1	6R224720	RESISTOR; 4.7K OHM, 1/4W, 5%, THICK FILM, 1206
R2	6R224720	RESISTOR; 4.7K OHM, 1/4W, 5%, THICK FILM, 1206
R3	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R5	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R6	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R7	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R8	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R9	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R10	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R11	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R12	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R13	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R14	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R15	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R16	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R17	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R18	6R136820	RESISTOR; 6.8 K OHM, 1/4W, 1%, THICK FILM, 1206
R19	6R222010	RESISTOR; 200 OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R20	6R222010	RESISTOR; 200 OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R21	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R22	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R23	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R24	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R25	1RV41042	POT; 10K OHMS, 1/2W, 10%, 3/8 SQ. MULTI TURN, SIDE
R26	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R27	1RV41042	POT; 10K OHMS, 1/2W, 10%, 3/8 SQ. MULTI TURN, SIDE
R28	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206

R29	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R30	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R31	6R223020	RESISTOR; 300 OHM, 1/4W, 5% ,THICK FILM, 1206
R32	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R33	6R233910	RESISTOR; 3.9KOHM, 1/4W, 5,% THICK FILM CHIP, 1206
R34	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R35	6R233910	RESISTOR; 3.9KOHM, 1/4W, 5,% THICK FILM CHIP, 1206
R36	1RV31032	POT; 1KW OHM, 0.2W, SINGLE TURN SIDE ADJUSTMENT
R37	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R38	6R525650	RESISTOR; 560 OHM, 1W, 5%, TH
R39	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R40	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R41	6R233910	RESISTOR; 3.9KOHM, 1/4W, 5,% THICK FILM CHIP, 1206
R42	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R43	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R44	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R45	6R233910	RESISTOR; 3.9KOHM, 1/4W, 5,% THICK FILM CHIP, 1206
R46	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R47	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R48	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R49	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R50	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R51	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R52	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R53	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R54	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R55	1RV41042	POT; 10K OHMS, 1/2W, 10%, 3/8 SQ. MULTI TURN, SIDE
R56	1RV41042	POT; 10K OHMS, 1/2W, 10%, 3/8 SQ. MULTI TURN, SIDE
R57	6R112420	RESISTOR; 0.24 OHM, 1/4W, 5%, THICK FILM, 1206
R58	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R59	6R142220	RESISTOR; 22K OHM, 1/4W, 1%, THICK FILM, 1206
R60	6R129120	RESISTOR; 9.1K OHM, 1/4W, 1%, THICK FILM, 1206
R61	6R141221	RESISTOR; 12.4K OHM, 1/4W, 1% ,THICK FILM, 1206
R62	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R63	6R141520	RESISTOR; 15K OHM, 1/4W, 1%, THICK FILM, 1206
R64	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R65	6R141520	RESISTOR; 15K OHM, 1/4W, 1%, THICK FILM, 1206
R66	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R67	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R69	6R133020	RESISTOR; 3K OHM, 1/4W, 1%, THICK FILM, 1206
R70	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R71	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R72	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R73	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R75	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R76	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R77	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R78	6R143020	RESISTOR; 30.1K OHM, 1/4W, 1%, THICK FILM, 1206

R79	6R143020	RESISTOR; 30.1K OHM, 1/4W, 1%, THICK FILM, 1206
R80	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R81	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R82	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R83	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R84	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R85	1RV41042	POT; 10K OHMS, 1/2W, 10%, 3/8 SQ. MULTI TURN, SIDE
R86	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206
R88	6R145121	RESISTOR; 51K OHM, 1/4W, 1%, THICK FILM, 1206
R89	1RV41042	POT; 10K OHMS, 1/2W, 10%, 3/8 SQ. MULTI TURN, SIDE
R90	1RV41042	POT; 10K OHMS, 1/2W, 10%, 3/8 SQ. MULTI TURN, SIDE
TP1	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
U1	6U302900	IC; MCU M16C29, FLASH 128K, 80-PIN LQFP
U2	6U780500	IC; VOLTAGE REGULATOR, FIXED 5V, 1A, SMT D2PAK
U3	6U983400	IC; DDS, 10 BIT 50MHz, 20 PIN TSSOP
U4	6U168190	IC; PIC MCU, FLASH BASED, 2K X 14, 18-PIN SOIC
U5	6U744051	IC; MUX/DEMUX, ANALOG, SINGLE-POLE, 8 PO 16-PIN
U6	6U744020	IC; COUNTER, 7 STAGE BINARY RIPPLE, 14-PIN SOIC
U8	6U747400	IC; FLIP FLOP D TYPE DUAL 14 PIN SOIC, SMT
U9	6U744050	IC; INVERTER; HEX 16-PIN SOIC
U10	6U747400	IC; FLIP FLOP D TYPE DUAL 14 PIN SOIC, SMT
U11	6U101085	IC; DAC, 10 BIT WITH 12C INTERFACE, 8-PIN MSOP
U12	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U13	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U14	6U168190	IC; PIC MCU, FLASH BASED, 2K X 14, 18-PIN SOIC
U15	6U101085	IC; DAC, 10 BIT WITH 12C INTERFACE, 8-PIN MSOP
U16	6U101085	IC; DAC, 10 BIT WITH 12C INTERFACE, 8-PIN MSOP
U17	6U101085	IC; DAC, 10 BIT WITH 12C INTERFACE, 8-PIN MSOP
U18	6U983200	IC; DDS, 10 BIT 25MHz, 16 PIN TSSOP
U19	6U553200	IC; DUAL LOW-NOISE OP AMP
U20	6U553200	IC; DUAL LOW-NOISE OP AMP
U21	6U311000	IC; VOLTAGE COMPARATOR
U22	6U340632	IC; REGULATOR, SWITCHING STEP UP/DOWN/INVERTING, 1.5A
U23	6U220600	IC; FUNCTION GENERATOR, 16-PIN SOIC
U24	6U741401	IC; HEX SCHMITT TRIGGER INVERTER 14 PIN
U25	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U26	6U951200	IC; LEVEL SHIFTER; 12C BUS BUFFER, 8-PIN SOIC
U27	6U741401	IC; HEX SCHMITT TRIGGER INVERTER 14 PIN
U28	6U744051	IC; MUX/DEMUX, ANALOG, SINGLE-POLE, 8 PO 16-PIN SOIC
U29	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U7 1	YD32000	CRYSTAL, 32 MHZ, OSCILLATOR TEMPERATURE CONTROLLED
XJ1	9J021004	4-40 JACK SCREW KIT, .50 IIN THREAD, .232 IN SCREWLOCK
XJP1	9S320001	SHUNT STAND PROFILE GOLD
XJP2	9S320001	SHUNT STAND PROFILE GOLD
XJP3	9S320001	SHUNT STAND PROFILE GOLD
XJP4	9S320001	SHUNT STAND PROFILE GOLD
XJP5	9S320001	SHUNT STAND PROFILE GOLD
XJP6	9S320001	SHUNT STAND PROFILE GOLD

XJP7	9S320001	SHUNT STAND PROFILE GOLD
Y1	6Y200000	CRYSTAL; 20MHz, CYLINDRICAL, SMT

SLE46400 – Assembly, LV Regulator/HV Power Supply Module

REF DES	PART NO.	DESCRIPTION
1	S1340005	PLATE; PCB, SE250/SE500
2	20303016	SCREW; BINDING HEAD, HD 6-32 x 1/2", NYLON
3	20002008	SCREW; PHP 4-40X1/4 SS
5	21302000	NUT; HEX 4-40 NYLON
6	21303001	NUT; HEX 6-32 NYLON
7	21002000	NUT; HEX 4-40 SS
10	22022000	WASHER; INTERNAL TOOTH NO. 4 SS
11	20001016	SCREW; PHP 2-56X1/2 SS
12	22001000	WASHER; FLAT NO. 2 SS
13	9I550015	INSULATOR, SILICONE RUBBER (THERMASIL III)
14	21001000	NUT; HEX 2-56 SS
15	20302024	SCREW; BINDING HEAD, 4-40 x 3/4 NYLON
A1	SLP46400	PRINTED CURCIT BOARD, LV REG/HV POWER SUPPLY
CR9	1D201000	DIODE,SCHOTTKY BARRIER, DUAL, 100V, 20A, PLASTIC TO-220
CR10	1U402501	IC, THYRISTOR, SILICON RECTIFIER 400V 25A, TO220
CR12	1U402501	IC, THYRISTOR, SILICON RECTIFIER 400V 25A, TO220
Q1	1T702470	TRANSISTOR, NCHAN PWR MOSFET 70A, 60V .014 OHM TO 220AB
Q3	1T702470	TRANSISTOR, NCHAN PWR MOSFET 70A, 60V .014 OHM TO 220AB
Q4	1T702470	TRANSISTOR, NCHAN PWR MOSFET 70A, 60V .014 OHM TO 220AB
Q5	1T702470	TRANSISTOR, NCHAN PWR MOSFET 70A, 60V .014 OHM TO 220AB
Q6	1T135000	TRANSISTOR; N-CHANNEL MOSFET, 500V, 13A, PLSTIC TO-220
U7	1U107400	IC, SWITCHING REGULATOR; 5A STEP-DOWN TO-220-5

SLP46400 – Assembly, LV Regulator/HV Power Supply PCB

REF DES	PART NO.	DESCRIPTION
C1	1C671010	CAPACITOR; 10UF, 50V, ALUMINUM ELECTROLYTIC
C2	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C3	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C4	1C361000	CAPACITOR; 1UF, 35V, TANTALUM
C5	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C6	1C252230	CAPACITOR; .22MUF, 80V, METAL FILM
C7	1C252230	CAPACITOR; .22MUF, 80V, METAL FILM
C8	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C9	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C10	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C11	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C12	1C541010	CAPACITOR; .01UF, 50V, 10% CERAMIC MONOLITHIC
C13	1C521040	CAPACITOR; 1000PF, 100V, CERAMIC AXIAL

C14	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C15	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C16	1C361000	CAPACITOR; 1UF, 35V, TANTALUM
C17	1C671010	CAPACITOR; 10UF, 50V, ALUMINUM ELECTROLYTIC
C18	1C092250	CAP; 2200UF, 250V, 20%, ALUMINUM ELECTROLYTIC, RADIAL
C19	1C092250	CAP; 2200UF, 250V, 20%, ALUMINUM ELECTROLYTIC, RADIAL
C20	1C621040	CAPACITOR; 100UF, 100V, ALUMINUM ELECTROLYTIC
C21	1C541010	CAPACITOR; .01UF, 50V, 10% CERAMIC MONOLITHIC
C22	1C684700	CAP; 470UF, 35V, 20%, ALUMINUM ELECTROLYTIC, RADIAL
C23	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C24	1C671010	CAPACITOR; 10UF, 50V, ALUMINUM ELECTROLYTIC
C25	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
CR1	1D400400	DIODE, RECT 400V 1A 30 DO41
CR2	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR3	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR4	1D400400	DIODE, RECT 400V 1A 30 DO41
CR5	1D060000	DIODE, HYPERFAST RECTIFYING, 600V, 8A
CR6	1D060000	DIODE, HYPERFAST RECTIFYING, 600V, 8A
CR7	1D060000	DIODE, HYPERFAST RECTIFYING, 600V, 8A
CR8	1D060000	DIODE, HYPERFAST RECTIFYING, 600V, 8A
CR9	1D201000	DIODE,SCHOTTKY BARRIER, DUAL, 100V, 20A, PLASTIC TO-220
CR10	1U402501	IC, THYRISTOR, SILICON RECTIFIER 400V 25A, TO220
CR11	1D400400	DIODE, RECT 400V 1A 30 DO41
CR12	1U402501	IC, THYRISTOR, SILICON RECTIFIER 400V 25A, TO220
CR13	1D400400	DIODE, RECT 400V 1A 30 DO41
CR14	1D400400	DIODE, RECT 400V 1A 30 DO41
J1	53000020	CONNECTOR; R/A DB15 FEMALE, PCB MOUNT
J2	51000084	CONNECTOR; R/A HEADER, 12 POS (2X6), 0.165 PITCH, NYLON, WH
K1	9R190017	RELAY; SPDT, 12VDC, 20A, PCMT
L1	1L000020	INDUCTOR; 56UH, 15%, HI TEMP HI CURRENT, TORROID
Q6	1T135000	TRANSISTOR; N-CHANNEL MOSFET, 500V, 13A, PLSTIC TO-220
R1	1R751020	RESISTOR; 100K OHM, 1/4W, 1%, METAL FILM
R2	1R711030	RESISTOR; 10 OHM, 1/2W, 1%, METAL FILM
R3	1R734721	RESISTOR; 4.7K OHM, 1/4W, 1 %, METAL FILM
R4	1R734721	RESISTOR; 4.7K OHM, 1/4W, 1 %, METAL FILM
R5	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R6	1R711030	RESISTOR; 10 OHM, 1/2W, 1%, METAL FILM
R7	1R731020	RESISTOR; 1K OHM, 1/4W, 1%, METAL FILM
R8	1R734721	RESISTOR; 4.7K OHM, 1/4W, 1 %, METAL FILM
R9	1R734721	RESISTOR; 4.7K OHM, 1/4W, 1 %, METAL FILM
R10	1R614720	RESISTOR; 47 OHM, 1/4W,10%, CARBON FILM
R11	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R12	1R731520	RESISTOR; 1.5K OHM, 1/4W, 1%, METAL FILM
R13	1R530020	RESISTOR; 0 OHM, 1/4W, 5%, CARBON FILM, AXIAL
R14	1R741520	RESISTOR; 15.0K OHM, 1/4W, 1%, METAL FILM
R15	1R711030	RESISTOR; 10 OHM, 1/2W, 1%, METAL FILM
R16	1R651050	RESISTOR; 100K OHM, 1W, 10%, CARBON FILM
R17	1R631050	RESISTOR; 1K OHM, 1W, 10%, CARBON FILM

R18	1R711030	RESISTOR; 10 OHM, 1/2W, 1%, METAL FILM
R19	1R734721	RESISTOR; 4.7K OHM, 1/4W, 1 %, METAL FILM
R20	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R21	1R614720	RESISTOR; 47 OHM, 1/4W,10%, CARBON FILM
R22	1R732720	RESISTOR; 2.7K OHM, 1/4W,1%, METAL FILM
R23	1R732221	RESISTOR; 2.21K OHM, 1/4W, 1%, METAL FILM
R24	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R25	1R723020	RESISTOR; 330K OHM, 1/4W, 1%, METAL FILM, AXIAL
R26	1R751020	RESISTOR; 100K OHM, 1/4W, 1%, METAL FILM
R27	1R415091	RESISTOR; 50 OHM, 25W, 1 %, WIRE WOUND
R28	1R721020	RESISTOR; 100 OHM, 1/4W, 1%, METAL FILM
R29	1R431081	RESISTOR; 1K OHM, 10W,5%, WIRE WOUND
R30	1R731520	RESISTOR; 1.5K OHM, 1/4W, 1%, METAL FILM
R31	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R32	1R751020	RESISTOR; 100K OHM, 1/4W, 1%, METAL FILM
R33	1R731020	RESISTOR; 1K OHM, 1/4W, 1%, METAL FILM
RT1	9T300002	THMS 1K DISC
T1	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
T2	SLE34001	ASSEMBLY, TRANSFORMER DC-DC SD SERIES
T3	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
U1	1U740800	IC, AND GATE, QUAD 2-INPUT 14-DIP
U2	1U408201	IC, FET DRIVER H-BRIDGE 80V 1.25A PEAK
U3	6U332011	IC; OP AMP, SINGLE 1.8-12V RAIL TO RAIL IO, 8 PIN SOIC
U4	1U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U5	1U055500	IC TIMER 8P PLASTIC DIP
U6	1U747400	IC, DUAL-D FLIP-FLOP
U7	1U107400	IC, SWITCHING REGULATOR; 5A STEP-DOWN TO-220-5
U8	1U780500	IC, +5VR 1.5A 35V T0220
U9	6U332011	IC; OP AMP, SINGLE 1.8-12V RAIL TO RAIL IO, 8 PIN SOIC
U10	6U332011	IC; OP AMP, SINGLE 1.8-12V RAIL TO RAIL IO, 8 PIN SOIC
W1	308A0000	WIRE; 14 AWG SOLID TINNED
W2	308A0000	WIRE; 14 AWG SOLID TINNED
XCR5	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75
XCR5A	9I550000	INSULATOR, THERMALSIL, FOR TO-220
XCR6	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75
XCR6A	9I550000	INSULATOR, THERMALSIL, FOR TO-220
XCR7	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75
XCR7A	9I550000	INSULATOR, THERMALSIL, FOR TO-220
XCR8	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75
XCR8A	9I550000	INSULATOR, THERMALSIL, FOR TO-220
XU10	9S581013	SOCKET, IC ADAPTER, SOIC TO .300 DIP, 8 PIN
XU2	9S581010	SOCKET, IC, 16 PIN, DIP,
XU3	9S581013	SOCKET, IC ADAPTER, SOIC TO .300 DIP, 8 PIN
XU8	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75
XU8A	9I550000	INSULATOR, THERMALSIL, FOR TO-220
XU9	9S581013	SOCKET, IC ADAPTER, SOIC TO .300 DIP, 8 PIN

SLE46100 – Assembly, Power Control Modulator Module

REF DES	PART NO.	DESCRIPTION
1	S1340005	PLATE; PCB, SE250/SE500
3	20002008	SCREW; PHP 4-40X1/4 SS
4	20302024	SCREW; BINDING HEAD, 4-40 x 3/4 NYLON
7	21302000	NUT; HEX 4-40 NYLON
10	22022000	WASHER; INTERNAL TOOTH NO. 4 SS
11	20001016	SCREW; PHP 2-56X1/2 SS
13	9I550015	INSULATOR, SILICONE RUBBER (THERMASIL III)
14	21001000	NUT; HEX 2-56 SS
15	4002A003	TERMINAL, SPADE MALE .250 #4 UNINSULATED
A1	SLP46100	PRINTED CURCUIT BOARD, POWER CONTROL MODULATOR
Q1	1T185000	TRANSISTOR; N-CHANNEL 500V MOSFET, TO-220
Q2	1T185000	TRANSISTOR; N-CHANNEL 500V MOSFET, TO-220
Q3	1T185000	TRANSISTOR; N-CHANNEL 500V MOSFET, TO-220
Q4	1T185000	TRANSISTOR; N-CHANNEL 500V MOSFET, TO-220
Q6	1T185000	TRANSISTOR; N-CHANNEL 500V MOSFET, TO-220

SLP46100 – Power Control Modulator PCB

REF DES	PART NO.	DESCRIPTION
C1	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C2	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C3	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C4	1C854750	CAPACITOR; .47UF, 250V, POLYESTER FILM
C5	6C521010	CAPACITOR; 100PF, 50V, CERAMIC CHIP 1206
C6	6C354710	CAPACITOR; .47 UF, 50V, TANTALUM CHIP
C7	1C261050	CAPACITOR; 1UF, 250V, METAL FILM
C8	6C521010	CAPACITOR; 100PF, 50V, CERAMIC CHIP 1206
C9	6C532270	CAPACITOR; 2200PF, 500V, 10%, CERAMIC 1206
C10	1C691550	CAPACITOR; 1500UF, 250V, ALUM ELECT, RADIAL
C11	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C12	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C13	1C863350	CAPACITOR; 3.3UF, 250V, POLYESTER FILM
C14	1C863350	CAPACITOR; 3.3UF, 250V, POLYESTER FILM
C15	1C854750	CAPACITOR; .47UF, 250V, POLYESTER FILM
C16	6C354710	CAPACITOR; .47 UF, 50V, TANTALUM CHIP
C17	6C354710	CAPACITOR; .47 UF, 50V, TANTALUM CHIP
C18	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C19	6C366800	CAPACITOR; 6.8UF, 35V, TANTALUM CHIP 6032
C20	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206

C21	6C353310	CAPACITOR; .33 UF, 50V, TANTALUM CHIP
C22	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C23	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C24	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C25	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C26	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C27	1C863350	CAPACITOR; 3.3UF, 250V, POLYESTER FILM
C28	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C29	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C30	6C671010	CAPACITOR; 10UF, 50V, ALUM ELECT
C31	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C32	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C33	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C34	1C863350	CAPACITOR; 3.3UF, 250V, POLYESTER FILM
C35	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C36	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C37	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C38	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C39	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
CR1	6D340300	DIODE; RECTIFYING, ULTRA FAST 3A 400V SMT
CR2	6D340300	DIODE; RECTIFYING, ULTRA FAST 3A 400V SMT
CR3	6D340300	DIODE; RECTIFYING, ULTRA FAST 3A 400V SMT
CR4	6D360300	DIODE; RECTIFYING, ULTRA FAST 3A 600V SMT
CR5	1D620000	DIODE, TVS, 20V BIDIRECTIONAL
CR6	6D340300	DIODE; RECTIFYING, ULTRA FAST 3A 400V SMT
CR7	1D620000	DIODE, TVS, 20V BIDIRECTIONAL
CR8	6D360300	DIODE; RECTIFYING, ULTRA FAST 3A 600V SMT
CR9	6D360300	DIODE; RECTIFYING, ULTRA FAST 3A 600V SMT
CR10	6D340300	DIODE; RECTIFYING, ULTRA FAST 3A 400V SMT
CR11	6D400300	DIODE; G.P. RECT 300V 1A
CR12	6D340300	DIODE; RECTIFYING, ULTRA FAST 3A 400V SMT
CR13	6D360300	DIODE; RECTIFYING, ULTRA FAST 3A 600V SMT
CR14	6D340300	DIODE; RECTIFYING, ULTRA FAST 3A 400V SMT
CR15	6D400300	DIODE; G.P. RECT 300V 1A
DS1	1DL65020	LED, RED, SMT 1206
DS2	1DL65040	LED, GREEN, SMT 1206
DS3	1DL65020	LED, RED, SMT 1206
DS4	1DL65040	LED, GREEN, SMT 1206
F1	9F830104	FUSE, 10 AMP, 125V, PICO VERY FAST
J1	56000018	CONNECTOR; RIGHT ANGLE BNC PCB RECEPTACLE JACK
J2	53000020	CONNECTOR; R/A DB15 FEMALE, PCB MOUNT
J3	51000084	CONNECTOR; R/A HEADER, 12 POS (2X6), 0.165 PITCH, NYLON,
JP1	51000026	CONNECTOR; HEADER, SQUARE POST, 3 POS. SINGLE ROW
L1	SLE10007	ASSEMBLY, INDUCTOR 350uh
L2	1L000003	CHOKE, 470 MH .061 OHMS 7.7A POWER LINE
L3	1L000003	CHOKE, 470 MH .061 OHMS 7.7A POWER LINE
Q5	1T700000	TRANSISTOR N-CHANNEL 60V 5 OHM TO-92
R1	6R111030	RESISTOR; 10 OHM, 1/2W, 1%, THICK FILM, 1210

R2	6R111030	RESISTOR; 10 OHM, 1/2W, 1%, THICK FILM, 1210
R3	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R4	6R151050	RESISTOR; 100K OHM, 1W, 1%, THICK FILM, 2512
R5	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R6	6R134920	RESISTOR; 4.99K OHM, 1/4W, 1%, THICK FILM, 1206
R7	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R8	6R111030	RESISTOR; 10 OHM, 1/2W, 1%, THICK FILM, 1210
R9	6R134920	RESISTOR; 4.99K OHM, 1/4W, 1%, THICK FILM, 1206
R10	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R11	6R145151	RESISTOR; 51.0K OHM, 1W, 1% ,THICK FILM, 2512, SMD
R12	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R13	6R143920	RESISTOR; 39K OHM, 1/4W, 1%, THICK FILM, 1206
R14	6R111030	RESISTOR; 10 OHM, 1/2W, 1%, THICK FILM, 1210
R15	6R151050	RESISTOR; 100K OHM, 1W, 1%, THICK FILM, 2512
R16	6R111030	RESISTOR; 10 OHM, 1/2W, 1%, THICK FILM, 1210
R17	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R18	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R19	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R20	6R111030	RESISTOR; 10 OHM, 1/2W, 1%, THICK FILM, 1210
R21	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R22	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R23	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R24	1RV41041	POT; 10K OHM, 0.5W, CERMET
R25	6R131520	RESISTOR; 1.5K OHM, 1/4W, 1%, THICK FILM, 1206
R27	1RV41041	POT; 10K OHM, 0.5W, CERMET
R28	6R133120	RESISTOR; 3.16K OHM, 1/4W, 1%, THICK FILM, 1206
R29	6R134920	RESISTOR; 4.99K OHM, 1/4W, 1%, THICK FILM, 1206
R30	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R31	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R32	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R33	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R34	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R35	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R36	6R151050	RESISTOR; 100K OHM, 1W, 1%, THICK FILM, 2512
R37	1RV41041	POT; 10K OHM, 0.5W, CERMET
R38	6R100020	RESISTOR; 0 OHM, 1/4W, JUMPER, 1206
R39	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R40	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R41	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R42	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R43	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R44	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R45	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R46	1RV41041	POT; 10K OHM, 0.5W, CERMET
R47	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R48	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R49	6R111030	RESISTOR; 10 OHM, 1/2W, 1%, THICK FILM, 1210
R50	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206

R51	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
RT1	9T300002	THMS 1K DISC
TP1	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP2	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP3	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP4	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP5	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP6	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP7	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP8	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP9	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP10	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP11	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
U1	6U211002	IC; DRIVER, HIGH/LOW SIDE 16-PIN SOIC
U2	6U741401	IC; HEX SCHMITT TRIGGER INVERTER 14 PIN
U3	6U740800	IC; QUAD 2-INPUT AND GATE, 14-PIN SOIC
U4	6U211002	IC; DRIVER, HIGH/LOW SIDE 16-PIN SOIC
U5	6U741401	IC; HEX SCHMITT TRIGGER INVERTER 14 PIN
U6	6U352401	IC; REGULATING PULSE-WIDTH MOD 16 PIN SOIC
U7	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U8	6U714051	IC; HALL EFFECT SENSOR, 20A 8-PIN SOIC
U9	6U219000	IC; HIGH SPEED DUAL COMPARATOR
U10	6U747400	IC; FLIP FLOP D TYPE DUAL 14 PIN SOIC, SMT
U11	6U741401	IC; HEX SCHMITT TRIGGER INVERTER 14 PIN
U12	1U780500	IC, +5VR 1.5A 35V T0220
U13	6U714051	IC; HALL EFFECT SENSOR, 20A 8-PIN SOIC
XJP1	9S320001	SHUNT STAND PROFILE GOLD
XU12	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75
XU12A	9I550000	INSULATOR, THERMALSIL, FOR T0-220

SLE48000 – Assembly, SPA Module

REF DES	PART NO.	DESCRIPTION
1	S1340005	PLATE; PCB, SE250/SE500
3	20002008	SCREW; PHP 4-40X1/4 SS
45	20303016	SCREW, BINDING HEAD, HD 6-32 X 1/2" NYLON
7	21303001	NUT; HEX 6-32 NYLON
10	22022000	WASHER; INTERNAL TOOTH NO. 4 SS
11	20001016	SCREW; PHP 2-56X1/2 SS
13	9I550015	INSULATOR, SILICONE RUBBER (THERMASIL III)
14	21001000	NUT; HEX 2-56 SS
A1	SLP48000	PRINTED CURCUIT BOARD, SWITCHING POWER SUPPLY
Q2	1T285000	TRANSISTOR, N-CHANNEL MOSFET, 600V, 36A, TO 247
Q3	1T285000	TRANSISTOR, N-CHANNEL MOSFET, 600V, 36A, TO 247

SLP480000 – Assembly, SPA PCB

REF DES	PART NO.	DESCRIPTION
1	S1340005	PLATE; PCB, SE250/SE500
3	20002008	SCREW; PHP 4-40X1/4 SS
45	20303016	SCREW, BINDING HEAD, HD 6-32 X 1/2" NYLON
7	21303001	NUT; HEX 6-32 NYLON
10	22022000	WASHER; INTERNAL TOOTH NO. 4 SS
11	20001016	SCREW; PHP 2-56X1/2 SS
13	9I550015	INSULATOR, SILICONE RUBBER (THERMASIL III)
14	21001000	NUT; HEX 2-56 SS
A1	SLP48000	PRINTED CURCUIT BOARD, SWITCHING POWER SUPPLY
Q2	1T285000	TRANSISTOR, N-CHANNEL MOSFET, 600V, 36A, TO 247
Q3	1T285000	TRANSISTOR, N-CHANNEL MOSFET, 600V, 36A, TO 247
C01	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C02	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C03	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C04	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C05	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C06	6C541010	CAPACITOR; 1000PF, 50V, CERAMIC CHIP 1206 (AUX)
C07	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C08	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C09	6C564700	CAPACITOR; 4.7UF, 25V, CERAMIC, 1210
C10	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C11	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C12	1C940171	CAPACITOR; 0.001UF, 2000VDC, 500VAC, POLY FILM
C13	6C521010	CAPACITOR; 100PF, 50V, CERAMIC CHIP 1206

C14	1C261050	CAPACITOR; 1UF, 250V, METAL FILM
C15	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C16	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C17	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C18	6C564700	CAPACITOR; 4.7UF, 25V, CERAMIC, 1210
C19	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C20	1C940171	CAPACITOR; 0.001UF, 2000VDC, 500VAC, POLY FILM
C21	6C521010	CAPACITOR; 100PF, 50V, CERAMIC CHIP 1206
C22	6C410000	CAPACITOR; 1.0UF, 25V, CERAMIC 1206
C23	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C24	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C25	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C26	6C373300	CAPACITOR; 33 UF, 16V, TANTALUM CHIP
C27	6C373300	CAPACITOR; 33 UF, 16V, TANTALUM CHIP
CR1	1D440000	DIODE, ULTRAFast RECOV RCT, 600V,4A
CR2	1D440000	DIODE, ULTRAFast RECOV RCT, 600V,4A
CR3	1D620000	DIODE, TVS, 20V BIDIRECTIONAL
CR4	1D440000	DIODE, ULTRAFast RECOV RCT, 600V,4A
CR5	1D440000	DIODE, ULTRAFast RECOV RCT, 600V,4A
CR6	1D620000	DIODE, TVS, 20V BIDIRECTIONAL
CR7	6D414800	DIODE; SMALL SIGNAL, 100V, 300MA, SMT SOD80
DS1	1DL65020	LED, RED, SMT 1206
DS2	1DL65040	LED, GREEN, SMT 1206
F1	9F830104	FUSE, 10 AMP, 125V, PICO VERY FAST
J1	51000084	CONNECTOR; R/A HEADER, 12 POS (2X6), 0.165 PITCH, NYLON, WH
J2	56000027	CONNECTOR; R/A BNC RECEPTACLE JACK, PCB MT METAL BODY
J3	56000027	CONNECTOR; R/A BNC RECEPTACLE JACK, PCB MT METAL BODY
J4	53000020	CONNECTOR; R/A DB15 FEMALE, PCB MOUNT
JP1	51000081	CONNECTOR; NS HEADER, .100
JP2	51000081	CONNECTOR; NS HEADER, .100
Q1	6T222200	TRANSISTOR; NPN, GEN, PURP SOT-23, SMT
Q4	6T222200	TRANSISTOR; NPN, GEN, PURP SOT-23, SMT
R01	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R02	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R03	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R04	6R124720	RESISTOR; 470 OHM, 1/4W, 1%, 1206
R05	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R06	6R151050	RESISTOR; 100K OHM, 1W, 1%, THICK FILM, 2512
R07	6R123300	RESISTOR; 330 OHM, 1/4W, 1%, THICK FILM, 1206
R08	1RV41041	POT; 10K OHM, 0.5W, CERMET
R09	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R10	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R11	6R121620	RESISTOR; 160 OHM, 1/4W, 1%, THICK FILM, 1206
R12	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R13	1RA03380	RESISTOR; 3 OHM, 5W, 5%, METAL OXIDE, AXIAL
R14	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R15	6R121620	RESISTOR; 160 OHM, 1/4W, 1%, THICK FILM, 1206
R16	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206

R17	1RA03380	RESISTOR; 3 OHM, 5W, 5%, METAL OXIDE, AXIAL
R18	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R19	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R20	6R123300	RESISTOR; 330 OHM, 1/4W, 1%, THICK FILM, 1206
R21	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R22	6R131520	RESISTOR; 1.5K OHM, 1/4W, 1%, THICK FILM, 1206
R23	6R131020	RESISTOR; 1K OHM, 1/4W, 1%, 1206
R24	6R151020	RESISTOR; 100K OHM, 1/4W, 1%, THICK FILM,1206
R25	6R134920	RESISTOR; 4.99K OHM, 1/4W, 1%, THICK FILM, 1206
R26	6R138220	RESISTOR; 8.2K OHM, 1/4W, 1% ,THICK FILM, 1206
R27	6R134920	RESISTOR; 4.99K OHM, 1/4W, 1%, THICK FILM, 1206
R28	6R138220	RESISTOR; 8.2K OHM, 1/4W, 1% ,THICK FILM, 1206
R29	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
RT1	9T300002	THMS 1K DISC
T1	SLE46002	ASSEMBLY, RF TRANSFORMER SE SPA 250W
TP1	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP2	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
U01	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U02	6U311000	IC; VOLTAGE COMPARATOR
U03	6U747400	IC; FLIP FLOP D TYPE DUAL 14 PIN SOIC, SMT
U04	6U714051	IC; HALL EFFECT SENSOR, 20A 8-PIN SOIC
U05	6U741401	IC; HEX SCHMITT TRIGGER INVERTER 14 PIN
U06	6U740800	IC; QUAD 2-INPUT AND GATE, 14-PIN SOIC
U07	1U408000	IC, MOSFET DRIVER, LOW SIDE, 9A, TO220-5
U08	6U741401	IC; HEX SCHMITT TRIGGER INVERTER 14 PIN
U09	6U747400	IC; FLIP FLOP D TYPE DUAL 14 PIN SOIC, SMT
U10	1U408000	IC, MOSFET DRIVER, LOW SIDE, 9A, TO220-5
U11	1U780500	IC, +5VR 1.5A 35V T0220
W1	32200000	CABLE; COAX, 26/7 1C SHLD PVC RG-174
W2	32500000	CABLE; COAX, 20 1C SOL SHLD PVC RG58/U
XJP1	9S320001	SHUNT STAND PROFILE GOLD
XJP2	9S320001	SHUNT STAND PROFILE GOLD
XU10	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75"W X 0.75"H
XU10A	9I550000	INSULATOR, THERMALSIL, FOR T0-220
XU11	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75"W X 0.75"H
XU11A	9I550000	INSULATOR, THERMALSIL, FOR T0-220
XU7	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75"W X 0.75"H
XU7A	9I550000	INSULATOR, THERMALSIL, FOR T0-220

SLE46200 – Assembly, Filter/Bridge Module

REF DES	PART NO.	DESCRIPTION
1	S1340005	PLATE; PCB, SE250/SE500
3	20002008	SCREW; PHP 4-40X1/4 SS
10	22022000	WASHER; INTERNAL TOOTH NO. 4 SS
11	20001016	SCREW; PHP 2-56X1/2 SS
A1	SLP45200	PRINTED CURCUIT BOARD, FILTER/BRIDGE STANDARD BAND

SLP45200 – Assembly, Filter/Bridge PCB

REF DES	PART NO.	DESCRIPTION
C1	1C123070	CAPACITOR; 300PF, 500V, DIPPED SILVER MICA
C2	1C2201C0	CAPACITOR; .001UF, 1600V, METAL POLY FILM, RADIAL
C4	1C2302C0	CAPACITOR; .0022UF, 1600V, METAL POLY FILM, RADIAL
C5	1C1318C0	CAPACITOR; 1800PF, 1000V, +/- 5%, DIPPED SILVER MICA
C5	1C2318C0	CAPACITOR;.0018UF, 1600V, METAL POLY FILM, RADIAL
C7	1C131070	CAPACITOR; 1000PF, 500V, DIPPED SILVER MICA
C8	1C123070	CAPACITOR; 300PF, 500V, DIPPED SILVER MICA
C9	1C123070	CAPACITOR; 300PF, 500V, DIPPED SILVER MICA
C10	1C2302C0	CAPACITOR; .0022UF, 1600V, METAL POLY FILM, RADIAL
C11	1C122270	CAPACITOR; 220PF, 500V, DIPPED SILVER MICA
C12	1C2356C0	CAPACITOR; .0056UF, 1600V, METAL POLY FILM, RADIAL
C13	1C123370	CAPACITOR; 330PF, 500V, DIPPED SILVER MICA
C14	1C2303C0	CAPACITOR; .0033UF, 1600V, METAL POLY FILM, RADIAL
C16	1C2307C0	CAPACITOR; .0047UF, 1600V, METAL POLY FILM, RADIAL
C17	1C2239C0	CAPACITOR; .0039UF, 1600V, METAL POLY FILM, RADIAL
C18	1C2302C0	CAPACITOR; .0022UF, 1600V, METAL POLY FILM, RADIAL
C19	1C2201C0	CAPACITOR; .001UF, 1600V, METAL POLY FILM, RADIAL
C20	1C123070	CAPACITOR; 300PF, 500V, DIPPED SILVER MICA
C21	1C2356C0	CAPACITOR; .0056UF, 1600V, METAL POLY FILM, RADIAL
C22	1C121870	CAPACITOR; 180PF, 500V, DIPPED SILVER MICA
C24	1C123970	CAPACITOR; 390PF, 500V, DIPPED SILVER MICA
C25	1C121070	CAPACITOR; 100PF, 500V, DIPPED SILVER MICA
C26	1C2327C0	CAPACITOR; .0027UF, 1600V, METAL POLY FILM, RADIAL
C27	1C124770	CAPACITOR; 470PF, 500V, DIPPED SILVER MICA
C28	1C2356C0	CAPACITOR; .0056UF, 1600V, METAL POLY FILM, RADIAL
C29	1C1318C0	CAPACITOR; 1800PF, 1000V, +/- 5%, DIPPED SILVER MICA
C29	1C2318C0	CAPACITOR;.0018UF, 1600V, METAL POLY FILM, RADIAL
C30	1C2201C0	CAPACITOR; .001UF, 1600V, METAL POLY FILM, RADIAL
C31	1C2201C0	CAPACITOR; .001UF, 1600V, METAL POLY FILM, RADIAL
C32	1C121070	CAPACITOR; 100PF, 500V, DIPPED SILVER MICA
C33	1C2401C0	CAPACITOR; .01UF, 1600KV, METAL POLY FILM, RADIAL

C34	1C121570	CAPACITOR; 150PF, 500V, DIPPED SILVER MICA
C35	1C121070	CAPACITOR; 100PF, 500V, DIPPED SILVER MICA
C36	1C2327C0	CAPACITOR; .0027UF, 1600V, METAL POLY FILM, RADIAL
C37	1C2315C0	CAPACITOR; .0015UF, 1600V, METAL POLY FILM, RADIAL
C38	1C124770	CAPACITOR; 470PF, 500V, DIPPED SILVER MICA
C39	1C103070	CAPACITOR; 3.0PF, 500V, DIPPED SILVER MICA
C40	1C103070	CAPACITOR; 3.0PF, 500V, DIPPED SILVER MICA
C41	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C42	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C43	1C073310	CAPACITOR; 33UF, 50V, ELECTROLYTIC
C44	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C45	1C122270	CAPACITOR; 220PF, 500V, DIPPED SILVER MICA
C46	1C122270	CAPACITOR; 220PF, 500V, DIPPED SILVER MICA
C47	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C48	1C073310	CAPACITOR; 33UF, 50V, ELECTROLYTIC
C49	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
C50	1C253310	CAPACITOR; .33UF, 50V, METAL FILM
C51	1C551010	CAPACITOR; .1UF. 50V, 10%, CERAMIC MONOLITHIC
CR1	1D005200	DIODE, GR 50V .050A
CR2	1D005200	DIODE, GR 50V .050A
CR3	1D005200	DIODE, GR 50V .050A
J1	56000027	CONNECTOR; R/A BNC RECEPTACLE JACK, PCB MT METAL BODY
J2	56000027	CONNECTOR; R/A BNC RECEPTACLE JACK, PCB MT METAL BODY
J3	53000020	CONNECTOR; R/A DB15 FEMALE, PCB MOUNT
J4	51000084	CONNECTOR; R/A HEADER, 12 POS (2X6), 0.165 PITCH, NYLON,
L1	SLE33062	ASSEMBLY, FILTER INDUCTOR 43T STD BAND
L2	SLE33060	ASSEMBLY, FILTER INDUCTOR 19T STD BAND
L3	SLE33063	ASSEMBLY, FILTER INDUCTOR 40T STD BAND
L4	SLE33064	ASSEMBLY, FILTER INDUCTOR 37T STD BAND
L5	1L000017	INDUCTOR, MOLDED, SHIELDED RF, 33 mF
L6	1L000017	INDUCTOR, MOLDED, SHIELDED RF, 33 mF
L7	1L000017	INDUCTOR, MOLDED, SHIELDED RF, 33 mF
R1	1R651050	RESISTOR; 100K OHM, 1W, 10%, CARBON FILM
R2	1R734721	RESISTOR; 4.7K OHM, 1/4W, 1 %, METAL FILM
R3	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R4	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R5	1R530020	RESISTOR; 0 OHM, 1/4W, 5%, CARBON FILM, AXIAL
R6	1RV21080	POT; 100 OHM, 1/2W, TOP ADJUSTMENT
R7	1RV21080	POT; 100 OHM, 1/2W, TOP ADJUSTMENT
R9	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R10	1R741020	RESISTOR; 10K OHM , 1/4W, 1%, METAL FILM
R11	1R530020	RESISTOR; 0 OHM, 1/4W, 5%, CARBON FILM, AXIAL
T1	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
TP1	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP2	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
TP3	9T200028	TEST POINT, P.C., MULTIPURPOSE RED
U1	1U332040	IC, OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14-PIN DIP
U2	1U780500	IC, +5VR 1.5A 35V T0220

XU1	9S581009	SOCKET, IC, 14 PIN, DIP, KINKED LEAD
XU2	9H180003	HEATSINK; TO-220, LOW PROFILE CH. STYLE 0.75"W X 0.75"

SLP45601 – Assembly, Battery Sense PCB

REF DES	PART NO.	DESCRIPTION
C1	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C2	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C3	6C373300	CAPACITOR; 33 UF, 16V, TANTALUM CHIP
C4	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C5	6C373300	CAPACITOR; 33 UF, 16V, TANTALUM CHIP
C6	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C7	6C671010	CAPACITOR; 10UF, 50V, ALUM ELECT
C8	6C361000	CAPACITOR; 1UF, 35V, TANTALUM 3528
C9	6C671010	CAPACITOR; 10UF, 50V, ALUM ELECT
C10	1C684700	CAP; 470UF, 35V, 20%, ALUMINUM ELECTROLYTIC,
C11	6C441010	CAPACITOR; .01UF, 50V, CERAMIC CHIP 1206
C12	1C621040	CAPACITOR; 100UF, 100V, ALUMINUM ELECTROLYTIC
C13	6C671010	CAPACITOR; 10UF, 50V, ALUM ELECT
C14	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C15	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
C16	6C451010	CAPACITOR; .1UF, 50V, CERAMIC CHIP 1206
CR1	6D121400	DIODE; RECTIFIER, 200V, 1A, SMT, DO-214AC
CR2	1D201000	DIODE; SCHOTTKY BARRIER, DUAL, 100V, 20A, PLASTIC
CR3	6D121400	DIODE; RECTIFIER, 200V, 1A, SMT, DO-214AC
CR5	6D414800	DIODE; SMALL SIGNAL, 100V, 300MA, SMT SOD80
CR6	6D414800	DIODE; SMALL SIGNAL, 100V, 300MA, SMT SOD80
CR7	6D121400	DIODE; RECTIFIER, 200V, 1A, SMT, DO-214AC
CR8	6D200000	DIODE; BRIDGE RECTIFIER, 200V, .5A
J1	51000087	CONNECTOR; VERTICAL HEADER, 8-POS (2X4), 0.165
J2	51000088	CONNECTOR; VERTICAL HEADER, 14-POS (2X7), 0.165
J3	51000087	CONNECTOR; VERTICAL HEADER, 8-POS (2X4), 0.165
JP1	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP2	51000032	CONNECTOR; HEADER, 2 POS. .100 x.100 CENTERS
JP3	51000026	CONNECTOR; HEADER, SQUARE POST, 3 POS. SINGLE ROW
JP4	51000026	CONNECTOR; HEADER, SQUARE POST, 3 POS. SINGLE ROW
K1	9R190004	RELAY; SPDT 12V
K2	9R190004	RELAY; SPDT 12V
L1	1L000020	INDUCTOR; 56UH, 15%, HI TEMP HI CURRENT, TORROID
Q1	6T222200	TRANSISTOR; NPN, GEN, PURP SOT-23, SMT
Q2	6T222200	TRANSISTOR; NPN, GEN, PURP SOT-23, SMT
Q3	6T222200	TRANSISTOR; NPN, GEN, PURP SOT-23, SMT
Q4	6T222200	TRANSISTOR; NPN, GEN, PURP SOT-23, SMT
Q5	6T222200	TRANSISTOR; NPN, GEN, PURP SOT-23, SMT
R1	6R231010	RESISTOR; 1K OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R2	6R231010	RESISTOR; 1K OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R3	6R231010	RESISTOR; 1K OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R4	6R141020	RESISTOR; 10K OHM, 1/4W, 1%, SMT 1206

R5	6R122721	RESISTOR; 2.7K OHM, 1/4W, 1%, THICK FILM, 1206
R6	6R112220	RESISTOR; 2.21K OHM, 1/4W, 1% , THICK FILM,
R7	6R122421	RESISTOR; 240 OHM, 1/4W, 1% , THICK FILM,
R8	6R138020	RESISTOR; 1.18K OHM, 1/4W, 1% , THICK FILM,
R9	6R231010	RESISTOR; 1K OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R10	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R11	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R12	6R231010	RESISTOR; 1K OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R13	6R231010	RESISTOR; 1K OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R14	6R231010	RESISTOR; 1K OHM, 1/4W, 5%, THICK FILM CHIP, 1206
R15	6R141020	RESISTOR; 10K OHM, 1/4W, 1% , SMT 1206
R16	6R138220	RESISTOR; 8.2K OHM, 1/4W, 1% ,THICK FILM, 1206
R17	6R141520	RESISTOR; 15K OHM, 1/4W, 1%, THICK FILM, 1206
R18	6R145121	RESISTOR; 51K OHM, 1/4W, 1% ,THICK FILM, 1206
RV1	9V030003	VARISTOR; 20V, 6000pH, MOV
TB1	50000005	CONNECTOR; TERM BLOCK, 2 POS, FRONT INLET PC
U1	6U714051	IC; HALL EFFECT SENSOR, 20A 8-PIN SOIC
U2	6U332041	IC; OP AMP, QUAD 1.8-12V RAIL TO RAIL IO, 14PIN SOIC
U3	6U714051	IC; HALL EFFECT SENSOR, 20A 8-PIN SOIC
U4	1U107400	IC, SWITCHING REGULATOR; 5A STEP-DOWN TO-220-5
U5	1U317001	IC, ADJ VOLTAGE REGULATOR, 1.2-37V, 1.5A PLASTIC
U6	1U323000	IC, VOLTAGE REGULATOR, FIXED, 5V, 3A, TO-220
U7	6U432000	IC; SM OPTOCOUPLER ISLR NPN DARL 30V .050A

SLF83314 – Ethernet to Land line Dial-up

REF DES	QTY	PART NUM	DESCRIPTION
1	2	20005016	SCREW; PAN HEAD PHILLIPS 10-32X1/2 STAINLESS
2	2	21005000	NUT; HEX 10-32 STAINLESS STEEL
3	4	22005000	WASHER; FLAT #10 STAINLESS STEEL
4	2	22015000	WASHER; SPLIT LOCK NO. 10 STAINLESS STEEL
5	2	S1330006	RAIL; 6 3/4"W/ 1/2" X 1/4" MOUNTING SLOTS
W1	6in	38626500	WIRE, TWISTED PAIR 18 AWG RED-GREEN
W2	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
7A1	1	9M590004	MODEM, FIVE PH ETHERNET 10/100 LAND-LINE DIAL UP
7A2	1	9P690011	POWER SUPPLY, 20W SINGLE OUTPUT INDUSTRIAL DUAL

SLF83303 – Multi-Mode Ethernet to Fiber Converter 2KM

REF DES	QTY	PART NUM	DESCRIPTION
1	4	20005016	SCREW; PAN HEAD PHILLIPS 10-32X1/2 STAINLESS
2	4	21005000	NUT; HEX 10-32 STAINLESS STEEL
3	8	22005000	WASHER; FLAT #10 STAINLESS STEEL
4	4	22015000	WASHER; SPLIT LOCK NO. 10 STAINLESS STEEL
5	2	S1330019	RAIL; 8 1/2"W/ 1/2" X 1/4" MOUNTING SLOTS
W1	1.17ft	38626500	WIRE, TWISTED PAIR 18 AWG RED-GREEN
W2	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
W4	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
7A1	1	9E700001	CONVERTER, ETHERNET 10/100 TO MULTI MODE 2KM
7A3	1	9E700001	CONVERTER, ETHERNET 10/100 TO MULTIMODE 2KM
7A2	1	9P690011	POWER SUPPLY, 20W SINGLE OUTPUT INDUSTRIAL DUAL
7A4	1	9P690011	POWER SUPPLY, 20W SINGLE OUTPUT INDUSTRIAL DUAL

SLF83308 – Single-Mode Ethernet to Fiber Converter 20KM

REF DES	QTY	PART NUM	DESCRIPTION
1	4	20005016	SCREW; PAN HEAD PHILLIPS 10-32X1/2 STAINLESS
2	4	21005000	NUT; HEX 10-32 STAINLESS STEEL
3	8	22005000	WASHER; FLAT #10 STAINLESS STEEL
4	4	22015000	WASHER; SPLIT LOCK NO. 10 STAINLESS STEEL
5	2	S1330019	RAIL; 8 1/2"W/ 1/2" X 1/4" MOUNTING SLOTS
W1	1.17ft	38626500	WIRE, TWISTED PAIR 18 AWG RED-GREEN
W2	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
W4	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
7A1	1	9E700002	CONVERTER, ETHERNET 10/100 TO SINGLE MODE 20KM
7A3	1	9E700002	CONVERTER, ETHERNET 10/100 TO SINGLE MODE 20KM
7A2	1	9P690011	POWER SUPPLY, 20W SINGLE OUTPUT INDUSTRIAL DUAL
7A4	1	9P690011	POWER SUPPLY, 20W SINGLE OUTPUT INDUSTRIAL DUAL

SLF83301 – Leased Line Modem

REF DES	QTY	PART NUM	DESCRIPTION
1	4	20005016	SCREW; PAN HEAD PHILLIPS 10-32X1/2 STAINLESS
2	4	21005000	NUT; HEX 10-32 STAINLESS STEEL
3	8	22005000	WASHER; FLAT #10 STAINLESS STEEL
4	4	22015000	WASHER; SPLIT LOCK NO. 10 STAINLESS STEEL
5	2	S1330019	RAIL; 8 1/2"W/ 1/2" X 1/4" MOUNTING SLOTS
W1	12in	38626500	WIRE, TWISTED PAIR 18 AWG RED-GREEN
W2	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
W4	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
7A1	1	9E700003	ETHERNET 10/100 SINGLE OUTPUT INDUSTRIAL
7A2	1	9E700003	ETHERNET 10/100 SINGLE OUTPUT INDUSTRIAL
7A3	1	9P690011	POWER SUPPLY, 20W SINGLE OUTPUT INDUSTRIAL DUAL
7A4	1	9P690011	POWER SUPPLY, 20W SINGLE OUTPUT INDUSTRIAL DUAL

SLF83315 – Ethernet Extender Modem

REF DES	QTY	PART NUM	DESCRIPTION
W2	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
W4	1	9C012046	CABLE, CAT5E RJ45 MALE/MALE BLUE
7A1	1	9E700000	ETHERNET COPPER EXTENDER 10/100 Mbps, 6200 FEET RANGE
7A2	1	9E700000	ETHERNET COPPER EXTENDER 10/100 Mbps, 6200 FEET RANGE

SLF83304 – Ethernet Radio link option

REF DES	QTY	PART NUM	DESCRIPTION
1	2	20005016	SCREW; PAN HEAD PHILLIPS 10-32X1/2 STAINLESS
2	2	21005000	NUT; HEX 10-32 STAINLESS STEEL
3	4	22005000	WASHER; FLAT #10 STAINLESS STEEL
4	2	22015000	WASHER; SPLIT LOCK NO. 10 STAINLESS STEEL
5	2	S1330006	RAIL; 6 3/4"W/ 1/2" X 1/4" MOUNTING SLOTS
6	8	20095032	SCREW; PAN HEAD SHEET METAL 10X1 STAINLESS
W1	1	9C012053	CABLE; COAXIAL, TNC REVERSE POLARITY TO TYPE-N MALE
W2	1	9C040001	CABLE; CAT5E, 90 deg, M12 TO RJ45, SHIELDED, 10FT
W4	1	9C012053	CABLE; COAXIAL, TNC REVERSE POLARITY TO TYPE-N MALE
W5	2	9C040000	CABLE; POWER, 90 deg M12 A-CODED FMLE BARE
W6	1	9C040001	CABLE; CAT5E, 90 deg, M12 TO RJ45, SHIELDED, 10FT
7A1	1	9E700004	ETHERNET BRIDGE, WIRELESS OUTDOOR, 5.8 GHz mi RANGE
7A3	1	9E700004	ETHERNET BRIDGE, WIRELESS OUTDOOR, 5.8 GHz mi RANGE
7A5	1	9A540005	ANTENNA; N-FEMALE 5.8GHz, 19dBi FLATPANEL
7A6	1	9A540005	ANTENNA; N-FEMALE 5.8GHz, 19dBi FLATPANEL