

SD SERIES PARTS LISTS

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SLE10004 - ASSY, LOAD CENTER (SD SERIES)

<u>REFERENCE</u> <u>DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
A1	SLP10006	ASSY, PCB USER INTERFACE
CB1	9C350021	CIRCUIT BREAKER, 1 POLE, 227 VAC / 65 VDC, 15 AMP
CB2	9C350019	CIRCUIT BREAKER, 2 POLE, 277 VAC, 50/60 HZ, 10.0 AMP
FL1	9F345000	FLTR LINE 2STG 3A FASTON
FL2	9F345001	FLTR LINE 2STG 10A FASTON
FL3	9F345001	FLTR LINE 2STG 10A FASTON
FL4	9F345001	FLTR LINE 2STG 10A FASTON
J1	9R180001	RCPT 110V
S1	9S900005	SWITCH, DPST
S2	9S900005	SWITCH, DPST
S3	9S900005	SWITCH, DPST
TB1	50000011	CONN, BARRIER TERM BLK, 8POS, 142 SERIES

SLE10031 - ASSY, FINAL TRANSMITTER DUAL (SD SERIES)

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
01	SLM10001	ASSY, TRANSMITTER ENCLOSURE SD SERIES
1A1	SLE10033	ASSY, TRANSMITTER (6U) COLD FIRE
4A1	SLE10033	ASSY, TRANSMITTER (6U) COLD FIRE
5A1	SLE10032	ASSY, CONTROL MONITOR DUAL (3U), SD SERIES
J68	56000004	CONN, COAX, PANEL MOUNT, RECPT

SLE10032 - ASSY, CONTROL MONITOR DUAL (3U)

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
03	9F500002	FLANGE, MOUNTING 19" 3U WITH HOLES
04	9P500001	PLATE, SIDE 3U X 340MM (EUROPAC)
06	9R050001	RAIL, HORIZONTAL FRONT WITH LIP (EUROPAC)
07	9R050003	RAIL, HORIZONTAL REAR WITHOUT LIP (EUROPAC)
A2	SLP10012	ASSY, PCB, DUAL CF MOTHERBOARD
A9	SLE10011	ASSY, LOW VOLTAGE POWER SUPPLY (DUAL)

SLE10033 - ASSY, TRANSMITTER (6U)

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
03	9F500001	FLANGE, MOUNTING 19" 6U WITHOUT HOLES
04	9P500000	PLATE, SIDE 6U X 340MM (EUROPAC)
06	9R050001	RAIL, HORIZONTAL FRONT WITH LIP (EUROPAC)
07	9R050003	RAIL, HORIZONTAL REAR WITHOUT LIP (EUROPAC)
A1	SLP10004	ASSY, PCB RF MOTHERBOARD
T1	SLE10019	ASSY, MAIN RF TRANSFORMER SD SERIES

SLP10001 - Assembly, PCB, RF Power Amplifier

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
01	SRP10001	PCB, POWER AMPLIFIER \ DMOD
C01	1C263050	CAP, 3.3M, 250V, METALLIZED FILM
C02	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C03	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C04	1C854750	CAP, .47 UF, 250V METAL POLY
C05	1C254750	CAP, .47M, 250V, MF
C06	1C253371	CAP, .33M 400V METALLIZED FILM
C07	1C254710	CAP, .47M 50V METAL FILM
C08	1C254710	CAP, .47M 50V METAL FILM
C09	1C851050	CAP, .1M, 250V, POLYESTER FILM
C10	1C851250	CAP, .12M, 250V, POLYESTER FILM
C11	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C12	1C073310	CAP, 33M 50V ELCTLT
C14	1C851250	CAP, .12M, 250V, POLYESTER FILM
C15	1C073310	CAP, 33M 50V ELCTLT
C16	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C17	1C073310	CAP, 33M 50V ELCTLT
C18	1C073310	CAP, 33M 50V ELCTLT
C19	1C561010	CAP, CERAMIC, 1MFD 50V 10%
C21	1C671000	CAP, 10 MFD, 35V, ALUMINUM ELECTROLYTIC
C22	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C23	1C671000	CAP, 10 MFD, 35V, ALUMINUM ELECTROLYTIC
C24	1C681800	CAP, 180 MFD, 35V ALUMINUM ELECTROLYTIC
C25	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C27	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C28	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C29	1C541010	CAP, CERAMIC, .01 MFD, 50V, 10%
C30	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C31	1C561010	CAP, CERAMIC, 1MFD 50V 10%
C32	1C261020	CAP, 1M 63V FLM
C33	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C34	1C621040	CAP, 100MF, 100V ALUMINUM ELECTROLYTIC
C35	1C631000	CAP, 1000MF, 25V ALUMINUM ELECTROLYTIC, RADIAL
C36	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
CR1	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR2	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR3	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR4	1D508228	DIODE, SCHOTTKY BARRIER
CR5	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A

CR6	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR7	1D620000	DIODE, TVS, 20V, BIDIRECTIONAL
CR8	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR9	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR10	1D620000	DIODE, TVS, 20V, BIDIRECTIONAL
CR11	1D005200	DIODE, GR 50V .050A
CR12	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR13	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR14	1D620000	DIODE, TVS, 20V, BIDIRECTIONAL
CR15	1D066200	DIODE, SW 80V .040A
CR16	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR17	1D066200	DIODE, SW 80V .040A
CR18	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR19	1D620000	DIODE, TVS, 20V, BIDIRECTIONAL
CR20	1D005200	DIODE, GR 50V .050A
CR20	1D066200	DIODE, SW 80V .040A
CR21	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR22	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR23	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
JP2	51000033	CONN, HEADER, SQ. POST, 4 POS., DUAL ROW
L01	1L000003	CHOKE, 470 MH .061 OHMS 13.5A PWR LINE
L02	1L000003	CHOKE, 470 MH .061 OHMS 13.5A PWR LINE
L02	SLE01022	ASSY, INDUCTOR, 68 uH
L03	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
L03	SLE01022	ASSY, INDUCTOR, 68 uH
P01	51000041	CONN, HEADER 48 PIN PLUG, RT ANGLE
P02	51000041	CONN, HEADER 48 PIN PLUG, RT ANGLE
Q01	1T244001	XSTR HEXFET N-CHANNEL 250V 15A
Q02	1T244001	XSTR HEXFET N-CHANNEL 250V 15A
Q03	1T244001	XSTR HEXFET N-CHANNEL 250V 15A
Q04	1T250001	XSTR HEXFET N CHANNEL 200V 33A
Q05	1T250001	XSTR HEXFET N CHANNEL 200V 33A
Q06	1T250001	XSTR HEXFET N CHANNEL 200V 33A
Q07	1T250001	XSTR HEXFET N CHANNEL 200V 33A

Q08	1T014000	XSTR N-CHANNEL 100V 31A TO-247
Q09	1T221900	XSTR NPN G.P. SS TO-39
Q10	1T290500	XSTR PNP 60V .6A TO205AD
Q11	1T014000	XSTR N-CHANNEL 100V 31A TO-247
R01	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R02	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R03	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R04	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R05	1R741020	RES, 10K 1/4W 1% MF
R06	1R741020	RES, 10K 1/4W 1% MF
R07	1R741020	RES, 10K 1/4W 1% MF
R08	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R09	1R541030	RES, 10K 1/2W 5% CF
R10	1R751020	RES, 100K .25W 1% MF
R11	1R731020	RES, 1K 1/4W 1% MF
R12	1R012080	RES, 20 OHM 5W NI
R13	1R741820	RES, 18K 1/4W 1 % MF AXIAL
R14	1RV41041	POT, 10K .75W CMT
R15	1R012080	RES, 20 OHM 5W NI
R16	1R751020	RES, 100K .25W 1% MF
R17	1R713920	RES, 39 OHM 1/4W 1% METAL FILM
R18	1R741020	RES, 10K 1/4W 1% MF
R19	1R012080	RES, 20 OHM 5W NI
R20	1RV41041	POT, 10K .75W CMT
R21	1R751020	RES, 100K .25W 1% MF
R22	1R012080	RES, 20 OHM 5W NI
R23	1R741020	RES, 10K 1/4W 1% MF
R24	1R713920	RES, 39 OHM 1/4W 1% METAL FILM
R25	1R741020	RES, 10K 1/4W 1% MF
R26	1R751020	RES, 100K .25W 1% MF
R27	1R741820	RES, 18K 1/4W 1 % MF AXIAL
R28	1RV41041	POT, 10K .75W CMT
R29	1R721032	RES, 100 OHM 1/2W, 1% METAL FILM
R30	1R741020	RES, 10K 1/4W 1% MF
R31	1RV41041	POT, 10K .75W CMT
R32	1R731020	RES, 1K 1/4W 1% MF
R33	1R734720	RES, 4.75K 1/4W 1% MF
R34	1R733320	RES, 3.3K 1/4W 1% MF
R35	1R721032	RES, 100 OHM 1/2W, 1% METAL FILM
R36	1R741020	RES, 10K 1/4W 1% MF
R37	1RV41041	POT, 10K .75W CMT
R38	1RV32040	POT, 2K .75W CMT
R39	1R738220	RES, 8.2K 1/4W 1 % MF AXIAL
R40	1R731520	RES, 1.5K 1/4W 1% MF
R41	1R731020	RES, 1K 1/4W 1% MF

RT1	9T300002	THMS 1K DISC
S01	9S902004	SWITCH, SPST DIP KEYBOARD
T02	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
T03	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
T04	SLE67890	ASSY, RF DRIVER INPUT TRANSFORMER
T05	SLE10020	ASSY, RF DRIVER OUTPUT TRANSFORMER
U01	1U211000	IC HIGH V FET BRIDGE DVRV
U02	1U442800	IC FET DRVR 1.5A PEAK
U03	1U324000	IC QUAD OP AMP
U04	1U339000	IC LOW POWER OFFSET VOLTAGE QUAD COMPARATOR
U05	1U404300	IC QUAD NOR R-S LCH
U06	1U751000	IC, VOLT REGULATOR LOW DROPOUT 10V"
U07	1U766200	IC CMOS 8 PIN V CONV
U08	1U458400	IC HEX SCHMITT TRIGGER
U09	1U458400	IC HEX SCHMITT TRIGGER
U10	1U617200	IC, VOLTAGE FEEDBACK ADAPTER, DUAL HIGH SPEED
U11	1U257602	IC VOLT RGLTR 3A 1.23V TO 37V ADJ STEP DOWN

SLP10002- Assembly, PCB Filter/Bridge (Standard Band)

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
01	SLP10002	PCB, FILTER / BRIDGE
C01	1C135190	CAP, 5100P 1000V DSM
C02	1C131090	CAP 1000P 1000V DSM
C03	1C132090	CAP, 2000P 1000V DSM
C04	1C136890	CAP, 6800P 1000V DSM
C05	1C126890	CAP, 680P 1000V DSM
C06	1C132090	CAP, 2000P 1000V DSM
C07	1C133390	CAP, 3300P 1000V DSM
C08	1C138290	CAP, 8200P 1000V DSM
C09	1C141090	CAP, 10,000P 1000V DSM
C10	1C132090	CAP, 2000P 1000V DSM
C11	1C131090	CAP 1000P 1000V DSM
C12	1C133990	CAP, 3900P 1000V DSM
C13	1C135190	CAP, 5100P 1000V DSM
C14	1C135190	CAP, 5100P 1000V DSM
C15	1C131090	CAP 1000P 1000V DSM
C16	1C136890	CAP, 6800P 1000V DSM
C17	1C132090	CAP, 2000P 1000V DSM
C18	1C126890	CAP, 680P 1000V DSM
C19	1C132090	CAP, 2000P 1000V DSM
C20	1C133390	CAP, 3300P 1000V DSM
C21	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C22	1C073310	CAP, 33M 50V ELCTLT
C23	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%

C24	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C25	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C26	1C073310	CAP, 33M 50V ELCTLT
C27	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C28	1C124770	CAP, 470P 500V DSM
C29	1C103070	CAP, 3.0PF 500V DSM
C30	1C103070	CAP, 3.0PF 500V DSM
C31	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C32	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C33	1C122270	CAP, 220P 500V DSM
C34	1C122270	CAP, 220P 500V DSM
C35	1C621040	CAP, 100MF, 100V ALUMINUM ELECTROLYTIC
C36	1C631010	CAP, 1000MF, 25V ALUMINUM ELECTROLYTIC
CR1	1D005200	DIODE, GR 50V .050A
CR2	1D005200	DIODE, GR 50V .050A
CR3	1D005200	DIODE, GR 50V .050A
CR4	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
L01	SLE55480	CSY COIL FLTR 250W 22T .D :10
L02	SLE45690	ASY COIL SPA FLTR :10
L03	SLE45700	ASY COIL SPA FLTR :10
L04	SLE55490	ASY COIL FLTR 250W 22T .D:10
L05	1L000017	INDUCTOR, MOLDED, SHILDED RF, 33000 uF
L06	1L000017	INDUCTOR, MOLDED, SHILDED RF, 33000 uF
L07	1L000017	INDUCTOR, MOLDED, SHILDED RF, 33000 uF
L08	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
P01	51000041	CONN, HEADER 48 PIN PLUG, RT ANGLE
P02	51000041	CONN, HEADER 48 PIN PLUG, RT ANGLE
R01	1R141820	RES, 18K 1PCT .25W MF

R02	1R731020	RES, 1K 1/4W 1% MF
R03	1R731020	RES, 1K 1/4W 1% MF
R04	1R751020	RES, 100K .25W 1% MF
R05	1R761020	RES, 1 MEG OHM 1/4W 1% MF
R06	1R741020	RES, 10K 1/4W 1% MF
R07	1RV41041	POT, 10K .75W CMT
R08	1R751020	RES, 100K .25W 1% MF
R09	1R761020	RES, 1 MEG OHM 1/4W 1% MF
R10	1R741020	RES, 10K 1/4W 1% MF
R11	1RV41041	POT, 10K .75W CMT
R12	1R741020	RES, 10K 1/4W 1% MF
R13	1R751020	RES, 100K .25W 1% MF
R14	1R141820	RES, 18K 1PCT .25W MF
R15	1R731020	RES, 1K 1/4W 1% MF
R16	1R731020	RES, 1K 1/4W 1% MF
R17	1R734721	RES, 4.7K 1/4W 1 % MF
R18	1R751020	RES, 100K .25W 1% MF
R19	1R741020	RES, 10K 1/4W 1% MF
R20	1R741020	RES, 10K 1/4W 1% MF
R21	1RV15030	POT, 50 OHM 1/2W TOP ADJUST
R22	1RV15030	POT, 50 OHM 1/2W TOP ADJUST
R23	1R729320	RES, 931 OHM 1/4W 1% MF
R24	1R738220	RES, 8.2K 1/4W 1 % MF AXIAL
S01	9S902004	SWITCH, SPST DIP KEYBOARD
T1	SLE10014	ASSY, TRANSFORMER IMPEDANCE FILTER/BRIDGE
T2	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
U01	1U324000	IC QUAD OP AMP
U02	1U339000	IC LOW POWER OFFSET VOLTAGE QUAD COMPARATOR

U03	1U404300	IC QUAD NOR R-S LCH
U04	1U257602	IC VOLT RGLTR 3A 1.23V TO 37V ADJ STEP
DOWN		
XU4	9H180001	HEATSINK, LOW PROFILE, FOR T0-220
XU4A	9I550000	INSULATOR, TERMASIL, FOR T0-220

SLP10003 -Assembly, PCB, RF PA Power Supply

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
01	SRP10003	PCB, POWER SUPPLY
010	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
C01	1C073310	CAP, 33M 50V ELCTLT
C02	1C263050	CAP, 3.3M, 250V, METALLIZED FILM
C03	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C04	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C05	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C06	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C07	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C08	1C854750	CAP, .47 UF, 250V METAL POLY
C09	1C366800	CAP, 6.8M 25V TANT
C10	1C121070	CAP, 100P 500V DSM
C11	1C254710	CAP, .47M 50V METAL FILM
C12	1C261050	CAP, 1M, 250V, MF
C13	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C14	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C15	1C121070	CAP, 100P 500V DSM
C16	1C432090	CAP, .002M 1KV CER
C17	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C18	1C073310	CAP, 33M 50V ELCTLT
C19	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C20	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C21	1C073310	CAP, 33M 50V ELCTLT
C22	1C621040	CAP, 100MF, 100V ALUMINUM ELECTROLYTIC
C23	1C631010	CAP, 1000MF, 25V ALUMINUM ELECTROLYTIC
C24	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C25	1C131040	CAP 1000P 100V DSM
C26	1C621040	CAP, 100MF, 100V ALUMINUM ELECTROLYTIC
C27	1C631010	CAP, 1000MF, 25V

		ALUMINUM
		ELECTROLYTIC
C28	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C29	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C30	1C252230	CAP, .22M 80V FLM
C31	1C252230	CAP, .22M 80V FLM
C32	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C33	1C261070	CAP, 1M 400V FLM
C34	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C35	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C36	1C361000	CAP, 1M 35V TANT
C37	1C621040	CAP, 100MF, 100V
		ALUMINUM
		ELECTROLYTIC
C38	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C39	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C40	1C073310	CAP, 33M 50V ELCTLT
CR1	1D508228	DIODE, SCHOTTKY BARRIER
CR10	1D508228	DIODE, SCHOTTKY BARRIER
CR11	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR12	1D620000	DIODE, TVS, 20V, BIDIRECTIONAL
CR13	1D066200	DIODE, SW 80V .040A
CR14	1D066200	DIODE, SW 80V .040A
CR15	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR16	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR17	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR18	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR19	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR2	1D508228	DIODE, SCHOTTKY BARRIER
CR20	1D005200	DIODE, GR 50V .050A
CR21	1D060000	DIODE, HYPERFAST RECTIFYING, 600V, 8A
CR22	1D060000	DIODE, HYPERFAST RECTIFYING, 600V, 8A
CR23	1D060000	DIODE, HYPERFAST RECTIFYING, 600V, 8A
CR24	1D060000	DIODE, HYPERFAST RECTIFYING, 600V, 8A
CR25	1D005200	DIODE, GR 50V .050A

CR26	1D004000	DIODE, RECT 4A 400V 200A SURGE BRIDGE
CR27	1D400400	DIODE, RECT 400V 1A 30 DO41
CR28	1D400400	DIODE, RECT 400V 1A 30 DO41
CR29	1D400400	DIODE, RECT 400V 1A 30 DO41
CR3	1D508228	DIODE, SCHOTTKY BARRIER
CR4	1D508228	DIODE, SCHOTTKY BARRIER
CR5	1D400400	DIODE, RECT 400V 1A 30 DO41
CR6	1D508228	DIODE, SCHOTTKY BARRIER
CR7	1D440000	DIODE, ULTRAFAST RECOV RCT 600V,4A
CR8	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR9	1D620000	DIODE, TVS, 20V, BIDIRECTIONAL
DS1	9L040010	LED ASSEMBLY, W/HOUSING, RED
JP1	51000033	CONN, HEADER, SQ. POST, 4 POS., DUAL ROW
K1	9R190017	RELAY, SPDT, 12VDC, 30A, PCMT
K2	9R190017	RELAY, SPDT, 12VDC, 30A, PCMT
L1	SLE10007	ASSY, INDUCTOR 350uh (SD SERIES)
L2	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
L3	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
P1	51000041	CONN, HEADER 48 PIN PLUG, RT ANGLE
P2	51000041	CONN, HEADER 48 PIN PLUG, RT ANGLE
Q01	1T405000	XSTR, SMPS MOSFET 500V
Q02	1T405000	XSTR, SMPS MOSFET 500V
Q03	1T700000	XSTR N-CHANNEL 60V 5 OHM TO-92
Q04	1T700600	XSTR, N-CHANNEL POWER MOSFET 70A, 60V .014
Q05	1T700600	XSTR, N-CHANNEL POWER MOSFET 70A, 60V.014
Q06	1T700600	XSTR, N-CHANNEL POWER MOSFET 70A, 60V .014
Q07	1T700600	XSTR, N-CHANNEL

		POWER MOSFET 70A, 60V .014
Q08	1T344000	XSTR NPN 250V 15MHZ TO205AD
Q09	1T344000	XSTR NPN 250V 15MHZ TO205AD
R02	1R712220	RES, 22 OHM 1/4W 1% MF
R03	1R741020	RES, 10K 1/4W 1% MF
R04	1RV41041	POT, 10K .75W CMT
R05	1R741020	RES, 10K 1/4W 1% MF
R06	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R07	1RV41041	POT, 10K .75W CMT
R08	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R09	1R741030	RES, 10K 1/2W 1% MF AXIAL
R10	1R734920	RES, 4.99K 1/4W 1% MF
R11	1R751020	RES, 100K .25W 1% MF
R12	1R741020	RES, 10K 1/4W 1% MF
R13	1R734920	RES, 4.99K 1/4W 1% MF
R14	1R731020	RES, 1K 1/4W 1% MF
R15	1RV41041	POT, 10K .75W CMT
R16	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R17	1R731020	RES, 1K 1/4W 1% MF
R18	1R741020	RES, 10K 1/4W 1% MF
R19	1R741030	RES, 10K 1/2W 1% MF AXIAL
R20	1RV32030	POT, 2K .5W CMT
R21	1R743920	RES, 39K 1/4W 1% MF
R22	1R751020	RES, 100K .25W 1% MF
R23	1R741020	RES, 10K 1/4W 1% MF
R24	1R743920	RES, 39K 1/4W 1% MF
R25	1R731020	RES, 1K 1/4W 1% MF
R26	1R741820	RES, 18K 1/4W 1 % MF AXIAL
R27	1R751020	RES, 100K .25W 1% MF
R28	1R741020	RES, 10K 1/4W 1% MF
R29	1R761020	RES, 1 MEG OHM 1/4W 1% MF
R30	1R751020	RES, 100K .25W 1% MF
R31	1R741020	RES, 10K 1/4W 1% MF
R32	1RV41041	POT, 10K .75W CMT
R33	1R751020	RES, 100K .25W 1% MF
R34	1R761020	RES, 1 MEG OHM 1/4W 1% MF
R35	1R741020	RES, 10K 1/4W 1% MF
R36	1R741020	RES, 10K 1/4W 1% MF
R37	1R741020	RES, 10K 1/4W 1% MF
R38	1RV41041	POT, 10K .75W CMT
R39	1R741820	RES, 18K 1/4W 1 % MF AXIAL
R40	1RV41041	POT, 10K .75W CMT
R41	1RV41041	POT, 10K .75W CMT
R42	1R731020	RES, 1K 1/4W 1% MF

R43	1RV32030	POT, 2K .5W CMT
R44	1R738620	RES, 8.66K 1/4W 1% MF
R45	1RV32030	POT, 2K .5W CMT
R46	1RV21080	POT, 100 OHM .5W TOP ADJUST
R47	1R741020	RES, 10K 1/4W 1% MF
R48	1RV32030	POT, 2K .5W CMT
R49	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R50	1R738620	RES, 8.66K 1/4W 1% MF
R51	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R52	1R713920	RES, 39 OHM 1/4W 1% METAL FILM
R53	1R741020	RES, 10K 1/4W 1% MF
R54	1R731520	RES, 1.5K 1/4W 1% MF
R55	1R751020	RES, 100K .25W 1% MF
R56	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R57	1RV41041	POT, 10K .75W CMT
R58	1R744720	RES, 47K 1/4W 1% MF
R59	1R741020	RES, 10K 1/4W 1% MF
R60	1R761020	RES, 1 MEG OHM 1/4W 1%
MF		
R61	1R741020	RES, 10K 1/4W 1% MF
R62	1R711030	RES, 10 OHM 1/2W 1% METAL FILM
R63	1R731020	RES, 1K 1/4W 1% MF
R64	1R731020	RES, 1K 1/4W 1% MF
R65	1R751020	RES, 100K .25W 1% MF
R66	1RV41041	POT, 10K .75W CMT
R67	1R713920	RES, 39 OHM 1/4W 1% METAL FILM
R69	1R4150A0	RES, 50 OHM 50W 1PCT NI
R70	1R651050	RES, 100K 1W 10 PCT CF
R71	1R731020	RES, 1K 1/4W 1% MF
R72	1R751020	RES, 100K .25W 1% MF
R73	1R751020	RES, 100K .25W 1% MF
R74	1R731020	RES, 1K 1/4W 1% MF
R75	1R741020	RES, 10K 1/4W 1% MF
R76	1R741820	RES, 18K 1/4W 1 % MF AXIAL
R77	1R733320	RES, 3.3K 1/4W 1% MF
R78	1R733320	RES, 3.3K 1/4W 1% MF
R79	1R751020	RES, 100K .25W 1% MF
R80	1R731020	RES, 1K 1/4W 1% MF
R81	1R741020	RES, 10K 1/4W 1% MF
R82	1RV41041	POT, 10K .75W CMT
S1	9S902004	SWITCH, SPST DIP KEYBOARD
S2	9S902004	SWITCH, SPST DIP KEYBOARD
S3	9S901004	SWITCH, SPDT PC
T1	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
T2	1X000038	TRANSFORMER, CURRENT

T3	SLE10008	SENSE ENCAPSULATED ASSY, TRANSFORMER DC- DC (SD SERIES)
T4	1X000038	TRANSFORMER, CURRENT SENSE ENCAPSULATED
U01	1U324000	IC QUAD OP AMP
U02	1U211000	IC HIGH V FET BRIDGE DVRV
U03	1U408100	IC QUAD 2-INP AND
U04	1U352400	IC REGULATING PULSE- WIDTH MOD
U05	1U442800	IC FET DRVR 1.5A PEAK
U06	1U324000	IC QUAD OP AMP
U07	1U339000	IC LOW POWER OFFSET VOLTAGE QUAD COMPARATOR
U08	1U404300	IC QUAD NOR R-S LCH
U09	1U257602	IC VOLT RGLTR 3A 1.23V TO 37V ADJ STEP DOWN
U10	1U803800	IC PRECISION WAVEFORM GENERATOR
U11	1U257602	IC VOLT RGLTR 3A 1.23V TO 37V ADJ STEP DOWN
U12	1U408201	IC FET DRIVER H-BRIDGE 80V 1.25A PEAK"
U13	1U408100	IC QUAD 2-INP AND
U14	1U442800	IC FET DRVR 1.5A PEAK
U15	1U339000	IC LOW POWER OFFSET VOLTAGE QUAD COMPARATOR
U16	1U404300	IC QUAD NOR R-S LCH
U17	1U324000	IC QUAD OP AMP
U18	1U339000	IC LOW POWER OFFSET VOLTAGE QUAD COMPARATOR

SLP10004 - Assembly, PCB RF Motherboard

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
C01	1C631040	CAP, 1000MF 100V ALUMINUM ELECTROLYTIC
C02	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
C03	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
C04	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
C05	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
C06	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
C07	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
C08	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
C09	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
C10	1C631570	CAP, 1500PF 400V ALUMINUM ELECTROLYTIC
CR1	1D350600	DIODE, BRIDGE RECTIFIER 600V 35A
CR2	1D004000	DIODE, RECT 4A 400V 200A SURGE BRIDGE
CR3	1D400400	DIODE, RECT 400V 1A 30 DO41
CR4	1D400400	DIODE, RECT 400V 1A 30 DO41
DS1	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS2	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
F1	9F830020	FUSE, 2 AMP, 250V, 3AG (AGC) FAST ACTING TYPE
F2	9F830031	FUSE, 3 AMP, 250V, 3AG (MDL) SLO- BLO TYPE
J14	51000018	CONN., HEADER, .025 SQ. POSTS, 10 PIN
J15	51000020	CONN., HEADER, .025 SQ. POSTS, 20 PIN
J16	56000010	CONN BNC PWB MT
J17	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J25	51000025	CONN., BREAKAWAY HEADER, .156 CENTERS, 5 POS.
J26	51000025	CONN., BREAKAWAY HEADER, .156 CENTERS, 5 POS.
K1	9R190061	RELAY, POWER DPDT 48V DC 5A, PC MT
R1	1R751020	RES, 100K .25W 1% MF
R2	1R731020	RES, 1K 1/4W 1% MF
R3	1R431090	RES, 1K 11W 10PCT WW
R4	1R431090	RES, 1K 11W 10PCT WW
R5	1R751020	RES, 100K .25W 1% MF
R6	1R751020	RES, 100K .25W 1% MF

TB17A	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
TB17B	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
TB18A	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
TB18B	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
TB19A	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TB19B	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TB20A	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TB20B	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TJ1A	55000003	CONN, DIN PCB 48 POS RECEPTACLE
TJ1B	55000003	CONN, DIN PCB 48 POS RECEPTACLE
TJ2A	55000003	CONN, DIN PCB 48 POS RECEPTACLE
TJ2B	55000003	CONN, DIN PCB 48 POS RECEPTACLE
XA3A	55000003	CONN, DIN PCB 48 POS RECEPTACLE
XA3B	55000003	CONN, DIN PCB 48 POS RECEPTACLE
XA4A	55000003	CONN, DIN PCB 48 POS RECEPTACLE
XA4B	55000003	CONN, DIN PCB 48 POS RECEPTACLE
XA5A	55000003	CONN, DIN PCB 48 POS RECEPTACLE
XA5B	55000003	CONN, DIN PCB 48 POS RECEPTACLE
XF1	9F831000	FUSECLIP PC MT
XF1A	9F833000	COVER, FUSE, QUICK FIT, BLUE
XF2	9F831000	FUSECLIP PC MT
XF2A	9F833000	COVER, FUSE, QUICK FIT, BLUE
XJ14A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ14B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ15A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ15B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ17A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ17B	5A000030	LOCK, EJECTOR HOOK, SHORT

SLP10005 - Assembly, Analog I/O and Audio

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
C1	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C10	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C11	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C12	6C441010	CAP, 1206, .01 M, 50V, CERAMIC CHIP
C13	6C4068A0	CAP, 1206, 6.8UF, 10V, CERAMIC CHIP
C14	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C15	6C4068A0	CAP, 1206, 6.8UF, 10V, CERAMIC CHIP
C16	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C17	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C18	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C19	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C2	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C20	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C21	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C22	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C23	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C24	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C25	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C26	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C27	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C28	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C29	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C3	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C30	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C31	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C32	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C33	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C34	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C35	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C36	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C37	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C38	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C39	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C4	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C40	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C41	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C42	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C43	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C44	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C45	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C46	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C47	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C48	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C49	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C5	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C50	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C51	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C52	6C410000	CAP, 1206 1.0UF, 25V CERAMIC

C53	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C54	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C55	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C56	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C57	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C58	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C59	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C6	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C60	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C61	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C62	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C63	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C64	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C65	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C66	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C67	1C253310	CAP, .33M, 50V MF
C68	1C254710	CAP, .47M 50V METAL FILM
C69	1C253910	CAP, .0039 50V MF
C7	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C70	1C251510	CAP, .15 50V MF
C71	1C241010	CAP, .01M 50V FLM
C77	6C310000	CAP, 10UF 25V TANTALUM CHIP
C78	6C310000	CAP, 10UF 25V TANTALUM CHIP
C79	6C428210	CAP, 1206, 820PF 50V CERAMIC CHIP
C8	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C80	6C428210	CAP, 1206, 820PF 50V CERAMIC CHIP
C81	6C310000	CAP, 10UF 25V TANTALUM CHIP
C82	6C431010	CAP, 1206, 1000 PF, 50V, CERAMIC CHIP
C83	6C431010	CAP, 1206, 1000 PF, 50V, CERAMIC CHIP
C84	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C85	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C86	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C87	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C88	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C89	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C9	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C90	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C91	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C92	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C93	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C94	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C95	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
CR1	1D508228	DIODE, SCHOTTKY BARRIER
CR2	1D066200	DIODE, SW 80V .040A
CR3	1D508228	DIODE, SCHOTTKY BARRIER
JP1	51000032	CONN., HEADER, 2 POS. .100 x.100 CENTERS
JP2	51000033	CONN, HEADER, SQ. POST, 4 POS., DUAL ROW
P1	55000000	CONN, DIN, R.A. HEADER, 96 POS. PLUG
Q1	1T700000	XSTR N-CHANNEL 60V 5 OHM TO-92
Q2	1T700000	XSTR N-CHANNEL 60V 5 OHM TO-92
R1	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R10	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R100	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R101	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R102	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R103	1RV41031	POT, 10K .5W SIDE ADJ

R11	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R12	1R751020	RES, 100K .25W 1% MF
R13	1R748820	RES, 88.7K 1/4W 1% MF
R14	1R747520	RES, 75K 1/4W 1% MF
R15	1R746120	RES, 61.9K .25W 1% MF
R16	1R744820	RES, 48.7K 1/4W 1% MF
R17	1R743520	RES, 35.7K 1/4W 1% MF
R18	1R742320	RES, 23.2K 1/4W 1% MF
R19	1R741020	RES, 10K 1/4W 1% MF
R2	1RV41031	POT, 10K .5W SIDE ADJ
R20	6R231020	RES, 1206, 10M 1/4W 5% THICK FILM
R21	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R22	6R251010	RES., 1206, 100K, 1/8W, 5% THICK FILM CHIP
R23	6R251010	RES., 1206, 100K, 1/8W, 5% THICK FILM CHIP
R24	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R25	6R241820	RES, 1206, 18K 1/4W THICK FILM
R26	6R241820	RES, 1206, 18K 1/4W THICK FILM
R27	6R241820	RES, 1206, 18K 1/4W THICK FILM
R28	6R241820	RES, 1206, 18K 1/4W THICK FILM
R29	6R241820	RES, 1206, 18K 1/4W THICK FILM
R3	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R30	6R241820	RES, 1206, 18K 1/4W THICK FILM
R31	6R241820	RES, 1206, 18K 1/4W THICK FILM
R32	6R241820	RES, 1206, 18K 1/4W THICK FILM
R33	6R241820	RES, 1206, 18K 1/4W THICK FILM
R34	6R241820	RES, 1206, 18K 1/4W THICK FILM
R35	6R241820	RES, 1206, 18K 1/4W THICK FILM
R36	6R241820	RES, 1206, 18K 1/4W THICK FILM
R37	6R241820	RES, 1206, 18K 1/4W THICK FILM
R38	6R241820	RES, 1206, 18K 1/4W THICK FILM
R39	6R241820	RES, 1206, 18K 1/4W THICK FILM
R4	6R231020	RES, 1206, 10M 1/4W 5% THICK FILM
R40	6R241820	RES, 1206, 18K 1/4W THICK FILM
R41	6R241820	RES, 1206, 18K 1/4W THICK FILM
R42	6R241820	RES, 1206, 18K 1/4W THICK FILM
R43	6R241820	RES, 1206, 18K 1/4W THICK FILM
R44	6R241820	RES, 1206, 18K 1/4W THICK FILM
R45	6R241820	RES, 1206, 18K 1/4W THICK FILM
R46	6R241820	RES, 1206, 18K 1/4W THICK FILM
R47	6R241820	RES, 1206, 18K 1/4W THICK FILM
R48	6R241820	RES, 1206, 18K 1/4W THICK FILM
R49	6R241820	RES, 1206, 18K 1/4W THICK FILM
R5	6R251010	RES., 1206, 100K, 1/8W, 5% THICK FILM CHIP
R50	6R241820	RES, 1206, 18K 1/4W THICK FILM
R51	6R241820	RES, 1206, 18K 1/4W THICK FILM
R52	6R241820	RES, 1206, 18K 1/4W THICK FILM
R53	6R241820	RES, 1206, 18K 1/4W THICK FILM
R54	6R241820	RES, 1206, 18K 1/4W THICK FILM
R55	6R241820	RES, 1206, 18K 1/4W THICK FILM
R56	6R241820	RES, 1206, 18K 1/4W THICK FILM
R57	6R241820	RES, 1206, 18K 1/4W THICK FILM
R58	6R241820	RES, 1206, 18K 1/4W THICK FILM
R59	6R241820	RES, 1206, 18K 1/4W THICK FILM
R6	6R251020	RES, 1206, 1M 1/4W 5% THICK FILM
R60	6R241820	RES, 1206, 18K 1/4W THICK FILM
R61	6R241820	RES, 1206, 18K 1/4W THICK FILM

R62	6R241820	RES, 1206, 18K 1/4W THICK FILM
R63	1R732010	RES, 2K 1/8W 1% MF
R64	1R732010	RES, 2K 1/8W 1% MF
R65	1R732010	RES, 2K 1/8W 1% MF
R66	1R732010	RES, 2K 1/8W 1% MF
R67	1R732010	RES, 2K 1/8W 1% MF
R68	1R754520	RES, 453 OHM 1/4W 1% MF
R69	1R756020	RES, 604 OHM 1/4W 1% MF
R7	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R70	1R745620	RES, 56.2K 1/4W 1% MF
R71	1R731320	RES, 1.33K 1/4W 1% MF
R72	1R742121	RES, 21K 1/4W 1% MF
R73	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R74	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R75	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R76	6R126120	RES, 1206, 619 OHM 1/4W 1%
R77	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R78	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R79	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R8	1RV41031	POT, 10K .5W SIDE ADJ
R80	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R81	6R129020	RES, 1206, 9.09K 1/4W 1%
R82	6R144720	RES, 1206, 47.0K, 1/4W 1%
R83	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R84	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R85	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R86	6R144720	RES, 1206, 47.0K, 1/4W 1%
R87	1RV32032	POT, 2K, 5W SIDE ADJ
R88	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R89	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R9	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R90	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R91	1RV41031	POT, 10K .5W SIDE ADJ
R92	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R93	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R94	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R95	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R96	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R97	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R98	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R99	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
TP1	9T200009	TEST POINT, P.C., RED
U1	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH
U10	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH
U11	6U139000	ID, DUAL 2 TO 4 DECODERS/DEMULTIPIEXERS
U12	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U13	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U14	6U508000	IC, CHANNEL 8 TO 1 ANALOG MULTIPLEXER
U15	6U080000	IC, OCTAL SAMPLE AND HOLD WITH MULTIPLEXED INPUT
U16	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U17	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U18	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U19	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U2	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH

U20	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U21	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U22	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U23	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U24	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U25	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U26	6U224000	IC, QUADRUPLE OPERATIONAL AMPLIFIERS
U27	1U553200	IC DUAL LOW-NOISE OP AMP
U28	1U553200	IC DUAL LOW-NOISE OP AMP
U29	1U553200	IC DUAL LOW-NOISE OP AMP
U3	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH
U4	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH
U5	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH
U6	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH
U7	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH
U8	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH
U9	6U711000	IC, CMOS LOW VOLATAGE QUAD SWITCH

SLP10006 - Assembly, PCB, User Interface

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
C1	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C10	1C373300	CAP, 33M, 25V, TANT
C11	1C373300	CAP, 33M, 25V, TANT
C12	1C373300	CAP, 33M, 25V, TANT
C13	1C366800	CAP, 6.8M 25V TANT
C14	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C15	1C366800	CAP, 6.8M 25V TANT
C16	1C561010	CAP, CERAMIC, 1MFD 50V 10%
C17	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C2	1C373300	CAP, 33M, 25V, TANT
C3	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C4	1C373300	CAP, 33M, 25V, TANT
C5	1C621040	CAP, 100MF, 100V ALUMINUM ELECTROLYTIC
C6	1C631010	CAP, 1000MF, 25V ALUMINUM ELECTROLYTIC
C7	1C373300	CAP, 33M, 25V, TANT
C8	1C373300	CAP, 33M, 25V, TANT
C9	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
CR1	1D400400	DIODE, RECT 400V 1A 30 DO41
CR10	1D066200	DIODE, SW 80V .040A
CR11	1D066200	DIODE, SW 80V .040A
CR12	1D005200	DIODE, GR 50V .050A
CR13	1D005200	DIODE, GR 50V .050A
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
CR6	1D400400	DIODE, RECT 400V 1A 30 DO41
CR7	1D540400	DIODE, RECT 400V 3A 267-02 SLCON
CR8	1D540400	DIODE, RECT 400V 3A 267-02 SLCON
CR9	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
J1	56000010	CONN BNC PWB MT
J10A	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
J10B	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
J11	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J12	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J13	56000018	CONN, RIGHT ANGLE BNC PCB RECEPTACLE JACK
J14	56000018	CONN, RIGHT ANGLE BNC PCB RECEPTACLE JACK
J15	56000018	CONN, RIGHT ANGLE BNC PCB RECEPTACLE JACK
J16	56000018	CONN, RIGHT ANGLE BNC PCB RECEPTACLE JACK
J17A	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
J17B	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
J18	51000045	CONN, PC BOARD MOUNT RECEPTACLE
J19A	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT

J19B	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J19C	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J2	56000010	CONN BNC PWB MT
J3	56000010	CONN BNC PWB MT
J4	56000010	CONN BNC PWB MT
J5	51000020	CONN., HEADER, .025 SQ. POSTS, 20 PIN
J6A	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J6B	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J7A	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J7B	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J8	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
J9	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
K1	9R190017	RELAY, SPDT, 12VDC, 30A, PCMT
K2	9R190017	RELAY, SPDT, 12VDC, 30A, PCMT
K3	9R190017	RELAY, SPDT, 12VDC, 30A, PCMT
K4	9R190017	RELAY, SPDT, 12VDC, 30A, PCMT
L1	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
Q1	1T344000	XSTR NPN 250V 15MHZ TO205AD
Q2	1T344000	XSTR NPN 250V 15MHZ TO205AD
R1	1R641820	RES, 18K .25W 10 PCT CF
R10	1R738620	RES, 8.66K 1/4W 1% MF
R11	1RV41041	POT, 10K .75W CMT
R12	1R641820	RES, 18K .25W 10 PCT CF
R13	1RV41041	POT, 10K .75W CMT
R14	1RV41041	POT, 10K .75W CMT
R15	1R641820	RES, 18K .25W 10 PCT CF
R16	1R641820	RES, 18K .25W 10 PCT CF
R17	1RV41041	POT, 10K .75W CMT
R18	1RV41041	POT, 10K .75W CMT
R19	1R641820	RES, 18K .25W 10 PCT CF
R2	1R651020	RES, 100K .25W 10 PCT CF
R20	1RV41041	POT, 10K .75W CMT
R21	1R742221	RES, 22.1K .25W 1% MF
R22	1R746120	RES, 61.9K .25W 1% MF
R23	1RV41041	POT, 10K .75W CMT
R24	1R746120	RES, 61.9K .25W 1% MF
R3	1R633320	RES, 3.3K .25W 10 PCT CF
R4	1R739010	RES, 9.09K 1/8W 1% MF
R5	1R731020	RES, 1K 1/4W 1% MF
R6	1R641820	RES, 18K .25W 10 PCT CF
R7	1R651020	RES, 100K .25W 10 PCT CF
R8	1R633320	RES, 3.3K .25W 10 PCT CF
R9	1RV32030	POT, 2K .5W CMT
T1	1X000018	TRANSFORMER, 115/230V DUAL PRIMARY, 1VA, MINATURE,
T2	SLE30520	ASY XFMR 120T 06 MATL
U1	1U400100	IC QUAD 2-INP NOR
U2	1U324000	IC QUAD OP AMP
U3	1U257602	IC VOLT RGLTR 3A 1.23V TO 37V ADJ STEP DOWN
U4	1U324000	IC QUAD OP AMP
U5	1U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U6	1U766200	IC CMOS 8 PIN V CONV

SLP10007 - Assembly, PCB, Controller / Monitor

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
	SLG10001	ASSY, EPROM, CF PROCESSOR SOFTWARE
C1	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C10	6C441010	CAP, 1206, .01 M, 50V, CERAMIC CHIP
C11	6C441010	CAP, 1206, .01 M, 50V, CERAMIC CHIP
C12	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C13	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C14	6C412240	CAP, 1206, 22PF, 100V, CERAMIC CHIP
C16	6C413340	CAP, 1206, 33PF, 100V, CERAMIC CHIP
C19	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C2	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C20	6C412240	CAP, 1206, 22PF, 100V, CERAMIC CHIP
C21	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C22	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C23	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C24	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C25	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C26	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C27	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C28	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C29	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C3	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C30	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C31	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C32	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C33	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C34	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C35	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C36	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C37	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C38	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C39	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C4	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C40	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C41	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C42	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C43	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C44	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C45	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C46	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C47	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C48	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C49	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C5	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C50	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C51	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C52	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C53	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C54	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C55	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP

C56	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C57	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C58	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C59	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C6	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C60	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C61	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C62	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C63	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C64	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C65	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C66	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C67	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C68	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C69	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C7	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C70	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C71	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C72	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C73	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C74	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C75	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C76	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C8	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C9	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
JP1	51000026	CONN., HEADER, SQUARE POST, 3 POS. SINGLE ROW
P1	51000014	CONN, HEADER, SQ. POST, 8 POS., SINGLE ROW
P2	51000030	CONN., HEADER, BREAKAWAY, 10 POS DUAL ROW
P4	55000000	CONN, DIN, R.A. HEADER, 96 POS. PLUG
P5	51000016	CONN, R.A. HEADER, D-SUB, 9 PIN
P6	51000016	CONN, R.A. HEADER, D-SUB, 9 PIN
R1	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R10	6R222010	RES., 1206 200 OHM 1/4W, 5% THICK FILM CHIP
R11	6R251010	RES., 1206, 100K, 1/8W, 5% THICK FILM CHIP
R12	6R221010	RES., 1206, 100 OHM, 1/4W, 5% THICK FILM CHIP
R13	6R251010	RES., 1206, 100K, 1/8W, 5% THICK FILM CHIP
R14	6R221010	RES., 1206, 100 OHM, 1/4W, 5% THICK FILM CHIP
R15	6R222010	RES., 1206 200 OHM 1/4W, 5% THICK FILM CHIP
R16	6R233910	RES., 1206, 3.9K, 1/4W, 5% THICK FILM CHIP
R17	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R18	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R19	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R2	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R3	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R4	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R5	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R6	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R7	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R8	6R215110	RES., 51 OHM, 1/4W, 5% THICK FILM CHIP

R9	6R215110	RES., 51 OHM, 1/4W, 5% THICK FILM CHIP
RP1	1RS31020	RES, NETWORK SIP 1K .20W
U1	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U10	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U11	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U12	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U13	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U14	6YD50000	CRYSTAL, 50 MHZ HIGH FREQUENCY, SG-615 SERIES
U15	6U983000	IC, CMOS, DDS, NUMERICALLY CONTROLLED OSCILLATOR
U16	6U985000	IC, CMOS 125 MHZ DDS SYNTHESIZER
U17	9F347000	FILTER, EMI COIL TYPE 470PF
U19	6U520600	IC, COLD FIRE MICROPROCESSOR
U2	6U789100	IC, 12 BIT HIGH SPEED DATA ACQUISITION
U20	1U290400	IC, 512K X 8 CMOS FLASH MEMORY
U21	1U138601	IC, TIMEKEEPER RAMIFIED WATCHDOG 32K-120
U22	6U020800	IC, CMOS RS-232 DRIVER/RECEIVER
U23	6U456401	IC, PROGRAMMABLE, 44 PIN TQFP
U24	6U411601	IC, 1 MEG X 16 EXTENDED DATA OUT DRUM
U25	6U456401	IC, PROGRAMMABLE, 44 PIN TQFP
U26	6U411601	IC, 1 MEG X 16 EXTENDED DATA OUT DRUM
U27	6YC10000	CRYSTAL, 32 MHZ SURFACE MOUNT KFO SERIES
U28	6U070800	IC, LOW COST MP SUPERVISORY CIRCUIT
U29	6U057300	IC, OCTAL TRANSPARENT D-TYPE LATCH
U3	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U30	6U057300	IC, OCTAL TRANSPARENT D-TYPE LATCH
U31	6U057300	IC, OCTAL TRANSPARENT D-TYPE LATCH
U32	6U057300	IC, OCTAL TRANSPARENT D-TYPE LATCH
U33	6U057300	IC, OCTAL TRANSPARENT D-TYPE LATCH
U34	6U057300	IC, OCTAL TRANSPARENT D-TYPE LATCH
U35	6U057300	IC, OCTAL TRANSPARENT D-TYPE LATCH
U36	6U057300	IC, OCTAL TRANSPARENT D-TYPE LATCH
U37	6U509000	IC, CHANNEL ANALOG MULTIPLEXER
U38	6U745740	IC, OCTAL EDGE TRIGGERED D-TYPE FLIP FLOP
U4	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U5	6U019500	IC, VOLTAGE REFERENCE
U6	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U7	6U880300	IC, OCTAL 8 BIT TRIMDAC
U8	6U021300	IC, SINGLE SUPPLY DUAL OP AMP
U9	6U789100	IC, 12 BIT HIGH SPEED DATA ACQUISITION

SLP10009 - Assembly, PCB, Digital I/O and PWM

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
05	9P100000	PIN, MOUNTING
C1	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C10	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C11	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C12	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C13	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C14	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C15	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C17	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C18	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C19	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C2	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C20	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C21	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C22	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C23	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C24	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C25	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C26	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C27	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C28	1C131040	CAP 1000P 100V DSM
C29	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C3	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C30	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C31	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C32	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C33	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C34	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C35	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C36	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C4	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C5	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C6	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C7	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C8	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C9	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
CR1	1D508228	DIODE, SCHOTTKY BARRIER
DS1	9L040012	LED ASSEMBLY, W / HOUSING GREEN
DS2	9L040012	LED ASSEMBLY, W / HOUSING GREEN
DS3	9L040010	LED ASSEMBLY, W/HOUSING, RED
P1	51000030	CONN., HEADER, BREAKAWAY, 10 POS DUAL ROW
P2	55000000	CONN, DIN, R.A. HEADER, 96 POS. PLUG
R1	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R10	6R233910	RES., 1206, 3.9K, 1/4W, 5% THICK FILM CHIP
R11	1RV31031	POT, 1K 5W SIDE ADJ
R12	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R13	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R14	6R222010	RES., 1206 200 OHM 1/4W, 5% THICK FILM

R15	6R222010	CHIP RES., 1206 200 OHM 1/4W, 5% THICK FILM CHIP
R2	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R3	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R4	1RV31031	POT, 1K 5W SIDE ADJ
R5	1R625650	RES, 560 OHM 1W 10 PCT CF
R6	6R221010	RES., 1206, 100 OHM, 1/4W, 5% THICK FILM CHIP
R7	6R233910	RES., 1206, 3.9K, 1/4W, 5% THICK FILM CHIP
R8	6R221010	RES., 1206, 100 OHM, 1/4W, 5% THICK FILM CHIP
R9	1R748220	RES, 82.5K 1/4W 1% MF
RP1	1RS31020	RES, NETWORK SIP 1K .20W
RP2	1RS31020	RES, NETWORK SIP 1K .20W
RP3	1RS31020	RES, NETWORK SIP 1K .20W
TP1	9T200009	TEST POINT, P.C., RED
TP2	9T200009	TEST POINT, P.C., RED
TP3	9T200009	TEST POINT, P.C., RED
U1	6U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U10	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U11	6U407500	IC, GATE 3 INPUT
U12	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U13	6U407500	IC, GATE 3 INPUT
U14	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U15	6U407500	IC, GATE 3 INPUT
U16	6U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U17	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U18	6U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U19	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U2	6U740400	IC, CMOS HIGH SPEED LOGIC HEX INVERTER
U20	6U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U21	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U22	6U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U23	6U456401	IC, PROGRAMMABLE, 44 PIN TQFP
U24	6U442800	IC, DUAL POWER MOSFET
U25	1U803800	IC PRECISION WAVEFORM GENERATOR
U26	6U219000	IC, HIGH SPEED DUAL COMPARATOR
U27	1U553200	IC DUAL LOW-NOISE OP AMP
U3	6U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U4	6U740400	IC, CMOS HIGH SPEED LOGIC HEX INVERTER
U5	6U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U6	6U740400	IC, CMOS HIGH SPEED LOGIC HEX INVERTER
U7	6U450400	IC, CMOS HEX VOLTAGE LEVEL SHIFTER
U8	6U740400	IC, CMOS HIGH SPEED LOGIC HEX INVERTER
U9	6U407500	IC, GATE 3 INPUT

SLP10012 - Assembly, PCB, Controller Motherboard

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
01	SRP10012	PCB, CF MOTHERBOARD
C01	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
C02	1C551010	CAP, CERAMIC, .1MFD. 50V, 10%
J01	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J02	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J03	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J04	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J05	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J06	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J07	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J08	51000019	CONN., HEADER, .025 SQ. POSTS, 14 PIN
J09	51000018	CONN., HEADER, .025 SQ. POSTS, 10 PIN
J10	51000018	CONN., HEADER, .025 SQ. POSTS, 10 PIN
J11	51000020	CONN., HEADER, .025 SQ. POSTS, 20 PIN
J12	51000020	CONN., HEADER, .025 SQ. POSTS, 20 PIN
J13	51000021	CONN, HEADER, .025 SQ. POSTS, 26 PIN
J20	51000042	CONN, BREAKAWAY HEADER 156 CENTER 8 POS
JP1	51000026	CONN., HEADER, SQUARE POST, 3 POS. SINGLE ROW
JP2	51000026	CONN., HEADER, SQUARE POST, 3 POS. SINGLE ROW
JP3	51000026	CONN., HEADER, SQUARE POST, 3 POS. SINGLE ROW
TB01A	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TB01B	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TB01C	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
TB02A	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TB02B	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TB02C	50000005	CONN TERM BLK, 2 POS, FRONT INLET PC MT
TB03	50000005	CONN TERM BLK, 2 POS, FRONT

TB04	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB05	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB06	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB10A	50000007	INLET PC MT CONN TERM BLK, 3 POS, FRONT
TB10B	50000007	INLET PC MT CONN TERM BLK, 3 POS, FRONT
TB10C	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB11	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB12	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB13A	50000007	INLET PC MT CONN TERM BLK, 3 POS, FRONT
TB13B	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB14A	50000007	INLET PC MT CONN TERM BLK, 3 POS, FRONT
TB14B	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB15	50000007	INLET PC MT CONN TERM BLK, 3 POS, FRONT
TB16	50000007	INLET PC MT CONN TERM BLK, 3 POS, FRONT
TB7A	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB7B	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB8A	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB8B	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
TB9A	50000007	INLET PC MT CONN TERM BLK, 3 POS, FRONT
TB9B	50000007	INLET PC MT CONN TERM BLK, 3 POS, FRONT
TB9C	50000005	INLET PC MT CONN TERM BLK, 2 POS, FRONT
U1	1U050900	IC DUAL 4-T0-1 ANALOG MULTIPLEXER
XA10	55000001	CONN, DIN, PCB HEADER, 96 POS. RECPT.
XA3	55000001	CONN, DIN, PCB HEADER, 96 POS. RECPT.
XA4	55000001	CONN, DIN, PCB HEADER, 96 POS. RECPT.
XA5	55000001	CONN, DIN, PCB HEADER, 96 POS. RECPT.
XA6	55000001	CONN, DIN, PCB HEADER, 96 POS. RECPT.
XA7	55000001	CONN, DIN, PCB HEADER, 96 POS. RECPT.

XA8	55000001	CONN, DIN, PCB HEADER, 96 POS. RECPT.
XA9	55000001	CONN, DIN, PCB HEADER, 96 POS. RECPT.
XJ01A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ01B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ02A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ02B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ03A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ03B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ04A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ04B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ05A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ05B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ06A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ06B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ07A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ07B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ08A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ08B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ09A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ09B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ10A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ10B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ11A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ11B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ12A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ12B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ13A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ13B	5A000030	LOCK, EJECTOR HOOK, SHORT
XJP1	9S320001	SHUNT STAND PROFILE GOLD
XJP2	9S320001	SHUNT STAND PROFILE GOLD
XJP3	9S320001	SHUNT STAND PROFILE GOLD

SLP10016 - Assembly, PCB, Local Control

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
01	SRP10016	PCB, CONTROL MONITOR (COLD FIRE)
C01	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C02	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C03	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C04	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C05	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C06	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C07	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C08	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C09	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C10	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C11	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C12	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C13	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C14	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C15	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C16	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C17	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C18	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C19	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C20	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
C21	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C22	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C23	6C410000	CAP, 1206 1.0UF, 25V CERAMIC
C24	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C25	6C386300	CAP, 3216 10UF 6.3V TANTALUM
C26	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C27	6C412240	CAP, 1206, 22PF, 100V, CERAMIC CHIP
C28	6C412240	CAP, 1206, 22PF, 100V, CERAMIC CHIP
C29	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C30	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C31	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C32	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C33	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C34	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C35	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C36	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C37	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C38	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C39	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C40	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C41	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C42	6C374700	CAP, 47 MFD, 16V, TANTALUM CHIP
C43	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C44	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C45	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C46	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C47	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP

C48	6C451010	CAP, 1206, .1M, 50V, CERAMIC CHIP
C49	6C422100	CAP, 1206 2.2UF, 50V CERAMIC
DS01	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS02	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS03	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS04	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS05	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS06	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS07	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS08	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS09	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS10	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS11	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS12	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS13	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS14	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS15	1DL17900	LED, LOW CURRENT, GREEN, 4MW, 2MA
DS16	1DL17900	LED, LOW CURRENT, GREEN, 4MW, 2MA
DS17	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS18	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS19	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS20	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS21	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS22	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS27	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS28	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS29	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS30	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS31	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
DS32	1DL17000	LED, HIGH EFFICIENCY RED, 2.0 MA
J21	51000042	CONN, BREAKAWAY HEADER 156 CENTER 8 POS
J22	51000030	CONN., HEADER, BREAKAWAY, 10 POS DUAL ROW
J23	51000018	CONN., HEADER, .025 SQ. POSTS, 10 PIN
R01	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R02	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R03	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R04	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R06	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R07	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R08	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R09	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R10	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R11	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R12	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R13	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R14	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R15	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R16	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R17	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R18	6R231010	RES., 1206, 1K, 1/4W, 5%, THICK FILM CHIP
R19	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R20	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R21	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM

R22	6R231020	RES, 1206, 10M 1/4W 5% THICK FILM
R23	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R24	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R25	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R26	6R211020	RES, 1206 10K, 1/4W 5% THICK FILM
R27	6R224720	RES, 1206 4700 OHM 1/4W THICK FILM
R28	6R221202	RES, 1206, 120 OHM 1/4W 5% THICK FILM
R29	6R221202	RES, 1206, 120 OHM 1/4W 5% THICK FILM
S01	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S02	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S03	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S04	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S05	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S06	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S07	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S08	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S09	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S10	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S11	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S12	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S13	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S14	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S15	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S16	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S17	9S901023	SWITCH, MOMENTORY, PUSH BUTTON SPST
S18	9S900031	SWITCH, SPST ROCKER RAISED 4 POS
TB21A	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
TB21B	50000007	CONN TERM BLK, 3 POS, FRONT INLET PC MT
U01	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U02	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U03	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U04	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U05	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U06	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U07	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U08	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U09	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U10	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U11	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U12	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U13	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U14	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM

U15	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U16	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U17	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U18	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U19	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U20	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U21	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U22	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U23	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U24	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U25	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U26	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U27	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U28	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U29	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U30	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U31	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16 PIN
U32	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U33	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U34	6U451101	IC, CMOS HIGH SPEED LOGIC BCD TO 7 SEG 16PIN
U35	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U36	9L400000	DISPLAY, NUMERIC 0.3 (RED)
U37	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U38	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U39	6U456401	IC, PROGRAMMABLE, 44 PIN TQFP
U40	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U41	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U42	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U43	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U44	6U456401	IC, PROGRAMMABLE, 44 PIN TQFP
U45	6U037300	IC, OCTAL TRANSPARENT D-TYPE LATCHES
U46	6RD31023	RESISTOR, NETWORK 1K, 16 PIN THICK FILM
U47	6U509000	IC, CHANNEL ANALOG MULTIPLEXER
U48	6U325301	IC, DUAL MULTIPLEXER/DEMIULPLEXER BUS SWITCH

U49	1U687110	IC HCMOS 8-BIT MICONTR
U50	6U037300	IC, OCTAL TRANSPARENT D-TYPE
LATCHES		
U51	6U742212	IC, DUAL INVERTING, NON-INVERTING
OCTAL		
		BUFFER
U52	6U037300	IC, OCTAL TRANSPARENT D-TYPE
LATCHES		
U53	6U742212	IC, DUAL INVERTING, NON-INVERTING
OCTAL		
		BUFFER
U54	6U037300	IC, OCTAL TRANSPARENT D-TYPE
LATCHES		
U55	6U742212	IC, DUAL INVERTING, NON-INVERTING
OCTAL		
		BUFFER
U56	6U742212	IC, DUAL INVERTING, NON-INVERTING
OCTAL		
		BUFFER
U57	6U037300	IC, OCTAL TRANSPARENT D-TYPE
		LATCHES
U58	6U037300	IC, OCTAL TRANSPARENT D-TYPE
		LATCHES
U59	6U742212	IC, DUAL INVERTING, NON-INVERTING
		OCTAL BUFFER
U60	6U037300	IC, OCTAL TRANSPARENT D-TYPE
		LATCHES
U61	6U020800	IC, CMOS RS-232 DRIVER/RECEIVER
U62	1U751790	IC, DIFF DRIVER/RECEIVER PAIR, 8
		DIP
W01	304A0000	WIRE 22 AWG SOLID TINNED
W02	304A0000	WIRE 22 AWG SOLID TINNED
W03	304A0000	WIRE 22 AWG SOLID TINNED
XJ23A	5A000030	LOCK, EJECTOR HOOK, SHORT
XJ23B	5A000030	LOCK, EJECTOR HOOK, SHORT
XU49	9S581002	SOCKET, PLCC, 52 PIN
Y1	1Y491520	CRYSTAL, 4.9152 MHZ

SLP10017 - Assembly, Low voltage Power Supply (SD Series)

<u>REFERENCE DESIGNATOR</u>	<u>COMPONENT</u>	<u>DESCRIPTION</u>
C1	1C621040	CAP, 100MF, 100V ALUMINUM ELECTROLYTIC
C2	1C631010	CAP, 1000MF, 25V ALUMINUM ELECTROLYTIC
C3	1C631040	CAP, 1000MF 100V ALUMINUM ELECTROLYTIC
C4	1C621040	CAP, 100MF, 100V ALUMINUM ELECTROLYTIC
C5	1C631010	CAP, 1000MF, 25V ALUMINUM ELECTROLYTIC
C6	1C681800	CAP, 180 MFD, 35V ALUMINUM ELECTROLYTIC
C7	1C631010	CAP, 1000MF, 25V ALUMINUM ELECTROLYTIC
C8	1C621040	CAP, 100MF, 100V ALUMINUM ELECTROLYTIC
C9	1C631010	CAP, 1000MF, 25V ALUMINUM ELECTROLYTIC
CR1	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR2	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR3	1D440000	DIODE, RECT 4A 400V 200A SURGE BRIDGE
CR4	1D004000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR5	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR6	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR7	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR8	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR9	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR10	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
CR11	1D440000	DIODE, ULTRAFAST RECOV RCT, 600V,4A
F1	9F830020	FUSE, 2 AMP, 250V, 3AG (AGC) FAST ACTING TYPE
L1	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
L2	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
L3	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
L4	1L000019	INDUCTOR, 220 UH @ 3.0 AMP
R1	1RV32032	POT, 2K 5W SIDE ADJUST
R2	1R633320	RES, 3.3K .25W 10 PCT CF
R3	1RV32032	POT, 2K 5W SIDE ADJUST
R4	1R638220	RES, 8.2K .25W 10 PCT CF
R5	1RV32032	POT, 2K 5W SIDE ADJUST
R6	1R638220	RES, 8.2K .25W 10 PCT CF
P1	55000000	CONN, HDR 96 PIN RIGHT ANGLE
T1	1X000039	TRANSFORMER, 63VA TOROID
TP0	9T200009	TEST POINT, P.C., RED
TP1	9T200009	TEST POINT, P.C., RED
TP2	9T200009	TEST POINT, P.C., RED
TP3	9T200009	TEST POINT, P.C., RED
U1	1U257602	IC VOLT RGLTR 3A 1.23V TO 37V ADJ STEP DOWN

U2	1U257602	IC VOLT RGLTR 3A 1.23V TO 37V ADJ STEP DOWN
U3	1U257600	IC VOLT RGLTR 3A 12V STEP DOWN
U4	1U257602	IC VOLT RGLTR 3A 1.23V TO 37V ADJ STEP DOWN
XF1	9F831000	FUSECLIP PC MT
XF2	9F831000	FUSECLIP PC MT