

SRFB1K0AL2 - RF CONTROLS AND MEASURES BOARD

REF.	DESCRIPTION	Q.TY
C24	CAPACITOR CERAMIC 100pF 2% 100V NP0 P5	1
C25	CAPACITOR CERAMIC 100pF 2% 100V NP0 P5	1
C26	CAPACITOR CERAMIC 100pF 2% 100V NP0 P5	1
C27	CAPACITOR CERAMIC 100pF 2% 100V NP0 P5	1
C31	CAPACITOR CERAMIC 100pF 2% 100V NP0 P5	1
C15	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C16	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C17	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C18	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C19	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C20	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C21	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C22	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C23	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C28	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C41	CAPACITOR CERAMIC 1nF 5% 50V P2,5 TC	1
C39	CAPACITOR ELECTROLITC VERT.105°C 100µF 25V D8	1
C5	CAPACITOR ELECTROLITC VERT.105°C 220µF 35V D10	1
C40	CAPACITOR POLYESTER 1,0nF 10% 100V P5	1
C33	CAPACITOR POLYESTER 2,2nF 10% 100V P5	1
C30	CAPACITOR POLYESTER 4,7nF 10% 100V P5	1
C36	CAPACITOR POLYESTER 100nF 10% 63V P5	1
C37	CAPACITOR POLYESTER 100nF 10% 63V P5	1
C43	CAPACITOR POLYESTER 470nF 10% 63V P5	1
C29	CAPACITOR TANTALIUM 2,2 µF 25V P5	1
C38	CAPACITOR TANTALIUM 4,7µF 16V P5	1
C47	CAPACITOR TANTALIUM 4,7µF 16V P5	1
D17	DIODE RECTIFIER 1N4004 SI 1A 400V	1
D13,	DIODE SIGNAL 1N4148 SI DO 35	3
D14,	DIODE SIGNAL 1N4148 SI DO 35	1
D15	DIODE SIGNAL 1N4148 SI DO 35	1
D16	DIODE SD103A SI SCHOTTKY RECT. 40V 0,5A	1
D4	DIODE ZENER 1068 400mW 6,8V DO 35	1
D5	DIODE ZENER 1112 400mW 12V DO 35	1
IC5	INTEGRATED CIRC. NE5532 DIP8 2-LOW NOISE OP.AMP	1
IC3	INTEGRATED CIRC. TLC274 DIP14 4-LCMOS OP.AMP	1
IC4	INTEGRATED CIRC. TLC274 DIP14 4-LCMOS OP.AMP	1
P1 12 POLES	PIN STRIP 2,54 M 6x6 DIR.20o40 POLES	18
P2 5 POLES	PIN STRIP 2,54 M 6x6 DIR.20o40 POLES	18
R16	RESISTOR RS2F/100 10.0 OHM 1/2W 1%	1
R5	RESISTOR RS2F/475 47.5 OHM 1/2W 1%	1
R57	RESISTOR RS2F0100 100 OHM 1/2W 1%	1
R58	RESISTOR RS2F0100 100 OHM 1/2W 1%	1
R31	RESISTOR RS2F0412 412 OHM 1/2W 1%	1
R61	RESISTOR RS2F0619 619 OHM 1/2W 1%	1
R62	RESISTOR RS2F0619 619 OHM 1/2W 1%	1
R33	RESISTOR RS2F0681 681 OHM 1/2W 1%	1
R34	RESISTOR RS2F1100 1.00K OHM 1/2W 1%	1
R45	RESISTOR RS2F1150 1.50K OHM 1/2W 1%	1
R47	RESISTOR RS2F1150 1.50K OHM 1/2W 1%	1
R48	RESISTOR RS2F1150 1.50K OHM 1/2W 1%	1
R3	RESISTOR RS2F1182 1.82K OHM 1/2W 1%	1

R52	RESISTOR RS2F1280	2.80K OHM	1/2W	1%	1
R29	RESISTOR RS2F1332	3.32K OHM	1/2W	1%	1
R30	RESISTOR RS2F1332	3.32K OHM	1/2W	1%	1
R32	RESISTOR RS2F1332	3.32K OHM	1/2W	1%	1
R38	RESISTOR RS2F1332	3.32K OHM	1/2W	1%	1
R23	RESISTOR RS2F1475	4.75K OHM	1/2W	1%	1
R24	RESISTOR RS2F1475	4.75K OHM	1/2W	1%	1
R46	RESISTOR RS2F1475	4.75K OHM	1/2W	1%	1
R56	RESISTOR RS2F1475	4.75K OHM	1/2W	1%	1
R54	RESISTOR RS2F1619	6.19K OHM	1/2W	1%	1
R25	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R26	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R37	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R43	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R49	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R50	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R51	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R59	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R60	RESISTOR RS2F2100	10.0K OHM	1/2W	1%	1
R22	RESISTOR RS2F2110	11.0K OHM	1/2W	1%	1
R2	RESISTOR RS2F2140	14.0K OHM	1/2W	1%	1
R35	RESISTOR RS2F2221	22.1K OHM	1/2W	1%	1
R39	RESISTOR RS2F2221	22.1K OHM	1/2W	1%	1
R28	RESISTOR RS2F2332	33.2K OHM	1/2W	1%	1
R36	RESISTOR RS2F2475	47.5K OHM	1/2W	1%	1
R40	RESISTOR RS2F3100	100K OHM	1/2W	1%	1
R55	RESISTOR RS2F3110	110K OHM	1/2W	1%	1
R27	RESISTOR RS2F3221	221K OHM	1/2W	1%	1
R53	RESISTOR RS2F3475	475K OHM	1/2W	1%	1
RT1	TRIMMER HORIZ. CERAM. RES.	Q10 110-1K OHM			1
RT3	TRIMMER HORIZ. CERAM. RES.	Q10 210-10K OHM			1
RT4	TRIMMER HORIZ. CERAM. RES.	Q10 210-10K OHM			1
RT5	TRIMMER HORIZ. CERAM. RES.	Q10 310-100K OH			1
TR4	TRANSISTOR 2N1711	TO5 60V 1A NPN GEN.P			1
TR5	TRANSISTOR BC556B	TO92 65V.1A PNP GEN.P			1
for TR4	TRANSISTOR SPACER	TO5 4mm NYLON			1
for IC5	SOCKET DIL08	LOW PROFILE - I=7,62			1
for IC3, IC4	SOCKET DIL14	LOW PROFILE - I=7,62			1
for IC3, IC4	SOCKET DIL14	LOW PROFILE - I=7,62			1

REF.	DESCRIPTION	Q.TY
	SRFB1K0IN - 2-PORT INPUT SPLITTER	
	RFB1001 INPUT SPLITTER BOARD	
C21	CAPACITOR CHIP CERAM. 1206 6,8pF 5% 100V NP0	1
C1	CAPACITOR CHIP CERAM. 1206 33pF 5% 100V NP0	1
C2	CAPACITOR CHIP CERAM. 1206 100pF 5% 100V NP0	1
C3	CAPACITOR CHIP CERAM. 1206 100pF 5% 100V NP0	1
C4	CAPACITOR CHIP CERAM. 1206 100pF 5% 100V NP0	1
C5	CAPACITOR CHIP CERAM. 1206 100pF 5% 100V NP0	1
C6	CAPACITOR CHIP CERAM. 1206 100pF 5% 100V NP0	1
C7	CAPACITOR CHIP CERAM. 1206 1,0nF 10% 100V NP0	1
C13	CAPACITOR CHIP CERAM. 1206 1,0nF 10% 100V NP0	1
C8	CAPACITOR CHIP CERAM. 1206 100nF 10% 50V X7R	1
D1	DIODE BAT54S SOT23 DUAL SCHOTTKY .2A/30	1
L1	INDUCTOR CHIP 1210 1.0UH LO-Q	1
L2	INDUCTOR CHIP 1210 1.0UH LO-Q	1
L3	INDUCTOR CHIP 1210 1.0UH LO-Q	1
L4	INDUCTOR CHIP 1210 1.0UH LO-Q	1
L5	INDUCTOR CHIP 1210 1.0UH LO-Q	1
P1	MALE CONNECTOR C.S. FLAT CABLE 10p	1
R8	RESISTOR CHIP 1206 56 OHM 1/4W 1%	1
R1	RESISTOR CHIP 1206 120 OHM 1/4W 1%	1
R2	RESISTOR CHIP 1206 1.0K OHM 1/4W 1%	1
R6	RESISTOR CHIP 1206 1.0K OHM 1/4W 1%	1
R7	RESISTOR CHIP 1206 1.0K OHM 1/4W 1%	1
R3	RESISTOR CHIP 1206 10K OHM 1/4W 1%	1
R4	RESISTOR CHIP 1206 10K OHM 1/4W 1%	1
R5	RESISTOR CHIP 1206 10K OHM 1/4W 1%	1
R21	RESISTOR CHIP 2512 100 OHM 1W 5%	1
R22	RESISTOR CHIP 2512 100 OHM 1W 5%	1
R23	RESISTOR CHIP 2512 100 OHM 1W 5%	1
R24	RESISTOR CHIP 2512 100 OHM 1W 5%	1
RT1	TRIMMER RES.CERMET SMD 5x5 20k OHM G4BT	1
RT2	TRIMMER RES.CERMET SMD 5x5 20k OHM G4BT	1
RT3	TRIMMER RES.CERMET SMD 5x5 20k OHM G4BT	1
RVT1	RESISTOR PTC TO92 2,kOHM 25°C 1% 64-52-54	1

SRFB1K5ALM – 48V/70A SMPS REGULATOR CONTROL SECTION

REF.	DESCRIPTION	Q.ty
C 1	CAPACITOR, CERAMIC M.S. 0.22MF 50V P.5.08 X7R	1
C 7	CAPACITOR, CERAMIC M.S. 470PF 50V P.2.54 NPO	1
C59	CAPACITOR, CERAMIC M.S. 470PF 50V P.2.54 NPO	1
C86	CAPACITOR, CERAMIC M.S. 470PF 50V P.2.54 NPO	1
C2	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C3	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C4	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C9	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C15	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C25	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C26	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C29	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C32	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C39	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C40	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C42	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C43	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C45	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C51	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C55	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C56	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C57	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C71	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C73	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C76	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C77	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C81	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C82	CAPACITOR, CERAMIC M.S. 10000PF 50V P.2.54 X7R-	1
C 5	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C14	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C20	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C21	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C22	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C23	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C24	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C28	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C31	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C33	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C34	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C36	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C44	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C52	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C58	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C65	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C67	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C70	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C80	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C83	CAPACITOR, CERAMIC M.S. 1000PF 50V P.2.54 NPO	1
C8	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1

C16	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C17	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C27	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C30	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C37	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C46	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C48	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C49	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C50	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C60	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C61	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C62	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C69	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C72	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C74	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C78	CAPACITOR, CERAMIC M.S. 100PF 50V P.2.54 NPO	1
C8	CAPACITOR, CERAMIC M.S. 2200PF 50V P.2.54 NPO	1
C63	CAPACITOR, CERAMIC M.S. 2200PF 50V P.2.54 NPO	1
C79	CAPACITOR, CERAMIC M.S. 2200PF 50V P.2.54 NPO	3
C10	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 Z5U	1
C13	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 Z5U	1
C35	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 Z5U	1
C41	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 Z5U	1
C68	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 Z5U	1
C38	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 X7R	1
C47	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 X7R	1
C53	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 X7R	1
C54	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 X7R	1
C66	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 X7R	1
C75	CAPACITOR, CERAMIC M.S. 1MF 50V P.5.08 X7R	1
CR1	DIODE BZX55C16	1
CR2	DIODE BZX55C4V7	1
CR17	DIODE BZX55C4V7	1
CR3	DIODE BZX55C33	1
CR4	DIODE BAV21	1
CR13	DIODE BAV21	1
CR15	DIODE BAV21	1
CR16	DIODE BAV21	1
CR22	DIODE BAV21	1
CR5	DIODE BZX55C18	1
CR12	DIODE SCHOTTKY BAT43/BAT48	1
CR14	DIODE SCHOTTKY BAT43/BAT48	1
CR18	DIODE SCHOTTKY BAT43/BAT48	1
CR19	DIODE SCHOTTKY BAT43/BAT48	1
CR20	DIODE SCHOTTKY BAT43/BAT48	1
CR21	DIODE BZX55C15	1
OP1	I.C.SFH 610A-3	1
OP2	I.C.SFH 610A-3	1
OP3	I.C.SFH 610A-3	1
O4	I.C.SFH 610A-3	1
OP5	I.C.SFH 610A-3	1
CS1	PRINTED CIRCUIT	1
P1	CONNECTOR STRAIGHT 16P. 2.54 L.P.	1
P2	CONNECTOR STRAIGHT 9P. 2.54 L.P.	1
P3	CONNECTOR FLAT 2x7WAYS STRAIGHT 2.54 L.P.	1
Q1	BC 327	1
Q2	BC 337	1

Q3	BC 337	1
Q4	MOSFET IRDFD9120	1
R1	RESISTOR S.M. 220 1/2W P.10	1
R2	RESISTOR S.M. 220 1/2W P.10	1
R3	RESISTOR S.M. 220 1/2W P.10	1
R4	RESISTOR S.M. 330 1/2W P.10	1
R5	RESISTOR S.M. 330 1/2W P.10	1
R6	RESISTOR S.M. 1K 1/2W P.10	1
R 7	RESISTOR S.M. 1K 1/2W P.10	1
R8	RESISTOR S.M. 470 1/4W P.6.35	1
R12	RESISTOR S.M. 470 1/4W P.6.35	1
R34	RESISTOR S.M. 470 1/4W P.6.35	1
R9	RESISTOR S.M. 11K 1/4W P.6.35	1
R10	RESISTOR S.M. 220K 1/4W P.6.35	1
R90	RESISTOR S.M. 220K 1/4W P.6.35	1
R91	RESISTOR S.M. 220K 1/4W P.6.35	1
R11	RESISTOR S.M. 2K2 1/4W P.6.35	1
R23	RESISTOR S.M. 2K2 1/4W P.6.35	1
R25	RESISTOR S.M. 2K2 1/4W P.6.35	1
R26	RESISTOR S.M. 2K2 1/4W P.6.35	1
R27	RESISTOR S.M. 2K2 1/4W P.6.35	1
R32	RESISTOR S.M. 2K2 1/4W P.6.35	1
R52	RESISTOR S.M. 2K2 1/4W P.6.35	1
R55	RESISTOR S.M. 2K2 1/4W P.6.35	1
R62	RESISTOR S.M. 2K2 1/4W P.6.35	1
R64	RESISTOR S.M. 2K2 1/4W P.6.35	1
R77	RESISTOR S.M. 2K2 1/4W P.6.35	1
R100	RESISTOR S.M. 2K2 1/4W P.6.35	1
R13	RESISTOR S.M. 27 1/4W P.6.35	1
R 14	RESISTOR S.M. 9K1 1/4W P.6.35	1
R15	RESISTOR S.M. 100 1W 1% P.10	1
R66	RESISTOR S.M. 100 1W 1% P.10	1
R17	RESISTOR S.M. 1K2 1/4W P.6.35	1
R18	RESISTOR S.M. 1K2 1/4W P.6.35	1
19	RESISTOR S.M. 1K2 1/4W P.6.35	1
R21	RESISTOR S.M. 1K2 1/4W P.6.35	1
R20	RESISTOR S.M. 3K3 1/4W P.6.35	1
R99	RESISTOR S.M. 3K3 1/4W P.6.35	1
R22	RESISTOR S.M. 2K7 1/4W P.6.35	1
R40	RESISTOR S.M. 2K7 1/4W P.6.35	1
R24	RESISTOR S.M.470K 1/4W P.6.35	1
R48	RESISTOR S.M.470K 1/4W P.6.35	1
R81	RESISTOR S.M.470K 1/4W P.6.35	1
R28	RESISTOR S.M. 2M2 1/4W P.6.35	1
R29	RESISTOR S.M. 1K 1/4W P.6.35	1
R49	RESISTOR S.M. 1K 1/4W P.6.35	1
R56	RESISTOR S.M. 1K 1/4W P.6.35	1
R57	RESISTOR S.M. 1K 1/4W P.6.35	1
R70	RESISTOR S.M. 1K 1/4W P.6.35	1
R71	RESISTOR S.M. 1K 1/4W P.6.35	1
R72	RESISTOR S.M. 1K 1/4W P.6.35	1
R 92	RESISTOR S.M. 1K 1/4W P.6.35	1
R 93	RESISTOR S.M. 1K 1/4W P.6.35	1
R 30	RESISTOR S.M. 5K1 1/4W P.6.35	1
R31	RESISTOR S.M. 1K6 1/4W P.6.35	1
R33	RESISTOR S.M. 75 1/4W P.6.35	5
R37	RESISTOR S.M. 43K 1/4W P.6.35	1

R38	RESISTOR S.M. 4K3 1/4W P.6.35	1
R44	RESISTOR S.M. 4K7 1/4W P.6.35	1
R59	RESISTOR S.M. 4K7 1/4W P.6.35	1
R44	RESISTOR S.M. 4K7 1/4W P.6.35	1
R75	RESISTOR S.M. 4K7 1/4W P.6.35	1
R76	RESISTOR S.M. 4K7 1/4W P.6.35	1
R84	RESISTOR S.M. 4K7 1/4W P.6.35	1
R85	RESISTOR S.M. 4K7 1/4W P.6.35	1
R36	RESISTOR S.M. 22K 1/4W P.6.35	1
R46	RESISTOR S.M. 22K 1/4W P.6.35	1
R53	RESISTOR S.M. 22K 1/4W P.6.35	1
R35	RESISTOR S.M. 220 1/4W P.6.35	1
R39	RESISTOR S.M. 22 1/4W P.6.35	1
R60	RESISTOR S.M. 22 1/4W P.6.35	1
R41	RESISTOR S.M. 10K 1/4W P.6.35	1
R54	RESISTOR S.M. 10K 1/4W P.6.35	1
R87	RESISTOR S.M. 10K 1/4W P.6.35	1
R42	RESISTOR S.M. 100K 1/4W P.6.35	1
R51	RESISTOR S.M. 100K 1/4W P.6.35	1
R68	RESISTOR S.M. 100K 1/4W P.6.35	1
R82	RESISTOR S.M. 100K 1/4W P.6.35	1
R83	RESISTOR S.M. 100K 1/4W P.6.35	1
R43	RESISTOR S.M. 7K5 1/4W P.6.35	1
R45	RESISTOR S.M. 27K 1/4W P.6.35	1
R61	RESISTOR S.M. 27K 1/4W P.6.35	1
R47	RESISTOR S.M. 1K5 1/4W P.6.35	1
R50	RESISTOR S.M. 510 1/4W P.6.35	1
R58	RESISTOR S.M. 8K2 1/4W P.6.35	1
R63	RESISTOR S.M. 270K 1/4W P.7.5	1
R67	RESISTOR S.M. 82K 1/4W P.6.35	1
R69	RESISTOR S.M. 91 1/4W P.6.35	1
R73	RESISTOR S.M. 180 1/4W P.6.35	1
R74	RESISTOR S.M. 47K 1/4W P.6.35	1
R78	RESISTOR S.M. 2K 1/4W P.6.35	1
R79	RESISTOR S.M. 68K 1/4W P.6.35	1
R80	RESISTOR S.M. 1M 1/4W P.6.35	1
R86	RESISTOR S.M. 15K 1/4W P.6.35	1
R88	RESISTOR S.M. 6K2 1/4W P.6.35	1
R89	RESISTOR S.M. 330 1/4W P.6.35	1
R94	RESISTOR S.M. 150 1/4W P.6.35	1
R95	RESISTOR S.M. 3K3 1/4W 0,25% 25PPM P.6.35*	1
R96	RESISTOR S.M. 3K3 1/4W 0,25% 25PPM P.6.35*	1
R97	RESISTOR S.M. 15K 1/4W 0,25% 25PPM P.6.35*	1
R98	RESISTOR S.M. 15K 1/4W 0,25% 25PPM P.6.35*	1
-	SPACER FOR TO-5	1
-	SPACER FOR TO-18	1
RV1	TRIMMER 10K CERMET 10T 64Y	1
RV2	TRIMMER 50R CERMET 10T 64Y	1
RV3	TRIMMER 100R CERMET 10T 64Y	1
RV4	TRIMMER 20K CERMET 1T 3362P	1
U1	UC3844	1
U3	I.C. LP339N	1
U4	HCPL-3120	1
U5	HCPL-3120	1
U6	I.C. LM338BZ5.0	1
U7	I.C. LM2902N	1
U8	I.C. UC3846N	1

SRFB1K5ALM 48V/70A SMPS REGULATOR		
POWER SECTION		
REF.	DESCRIPTION	Q.ty
C1	CAPACITOR, CERAMIC 2,2NF 1KV P.5.08	1
C20	CAPACITOR, CERAMIC 2,2NF 1KV P.5.08	1
C2	CAPACITOR, CERAMIC 100PF 1KV P.5.08	1
C19	CAPACITOR, CERAMIC 100PF 1KV P.5.08	1
C24	CAPACITOR, CERAMIC 100PF 1KV P.5.08	1
C5	CAPACITOR, POLY. 2,2MF 250V P.22.5 MKT1822	1
C16	CAPACITOR, POLY. 1MF 250V P.22.5 MKT1822	1
C21	CAPACITOR, CER. M.S. 0,22MF 100V P.5,08 X7R1	1
C3	CAPACITOR, ELECTROLITIC VERT. 1000MF 200V P.10 35x35	1
C4	CAPACITOR, ELECTROLITIC VERT. 1000MF 200V P.10 35x35	1
C6	CAPACITOR, ELECTROLITIC VERT. 1000MF 200V P.10 35x35	1
C9	CAPACITOR, ELECTROLITIC VERT. 1000MF 200V P.10 35x35	1
C17	CAPACITOR, ELECTROLITIC VERT. 1000MF 200V P.10 35x35	1
C18	CAPACITOR, ELECTROLITIC VERT. 1000MF 200V P.10 35x35	1
C10	CAPACITOR, ELECTROLITIC VERT. 1000MF 63V P.7,5 18x30 SXE	1
C11	CAPACITOR, ELECTROLITIC VERT. 1000MF 63V P.7,5 18x30 SXE	1
C12	CAPACITOR, ELECTROLITIC VERT. 1000MF 63V P.7,5 18x30 SXE	1
C13	CAPACITOR, ELECTROLITIC VERT. 1000MF 63V P.7,5 18x30 SXE	1
C14	CAPACITOR, ELECTROLITIC VERT. 1000MF 63V P.7,5 18x30 SXE	1
C15	CAPACITOR, ELECTROLITIC VERT. 1000MF 63V P.7,5 18x30 SXE	1
C22	CAPACITOR, ELECTROLITIC VERT. 220MF 25V P.5,08	1
C27	CAPACITOR, ELECTROLITIC VERT. 220MF 25V P.5,08	1
C23	CAPACITOR, ELECTROLITIC VERT. 47MF 63V P.3,5 LXF	1
C25	CAPACITOR, ELECTROLITIC AX. 10MF 40/63V P.17,5	1
C26	CAPACITOR, ELECTROLITIC AX. 10MF 40/63V P.17,5	1
C7	OMITTED	1
C8	OMITTED	1
CR1	DIODE ZENER BZX85C18	1
CR2	DIODE ZENER BZX85C18	1
CR15	DIODE ZENER BZX85C18	1
CR16	DIODE ZENER BZX85C18	1
CR3	DIODE MUR115/BYV27-200	1
CR5	DIODE MUR115/BYV27-200	1
CR6	DIODE MUR115/BYV27-200	1
CR13	DIODE MUR115/BYV27-200	1
CR14	DIODE MUR115/BYV27-200	5
CR4	DIODE ZENER BZX55C20	1
CR7	DIODE BYV10-40/1N5819	1
CR8	DIODE BYV10-40/1N5819	1
CR9	DIODE BYV10-40/1N5819	1
CR10	DIODE BYV10-40/1N5819	1
CR11	DIODE BYV10-40/1N5819	1
CR12	DIODE BYV10-40/1N5819	6
CR17	DIODE BYV27-200	1
CR18	DIODE BYV27-200	1
CR19	DIODE BYV27-200	1
CR20	DIODE BYV255-V200	1
DT1	HEATSINK	1
E1	TEFZER WIRE D2,5mm	13cm
E2	SHEATHED WIRE JUMPER	1
E3	OUTPUT BAR	1
E4	OUTPUT BAR	1
E5	BUS BAR PART. C W.0089	1

E6	BUS BAR PART. D W.0089	1
E7	BUS BAR PART. E W.0089	1
E8	BUS BAR PART. F W.0089	1
E9	BUS BAR PART. G W.0089	2
E10	BUS BAR PART. H W.0089	1
F1	FUSE, SUPER FAST L350-80/80LET	1
FL1	FILTER INDUCTOR	1
L1	INDUCTOR 22uH D46	1
L2	INDUCTOR 22uH D46	1
CS1	PRINTED CIRCUIT	1
P1	STRAIGHT CONNECTOR 16P, 2.54 L.P.	1
P2	STRAIGHT CONNECTOR 9P, 2.54 L.P.	1
PTC1	PTH9M04-BD/471TS2F333	1
Q1	MOSFET IRFP250	1
Q2	MOSFET IRFP250	1
Q3	MOSFET IRFP250	1
Q4	MOSFET IRFP250	1
Q5	MOSFET IRFP250	1
Q6	MOSFET IRFP250	1
Q7	MOSFET IRF720	1
R1	RESISTOR MET. OXIDE 22 3W 5% p.20	1
R2	RESISTOR MET. OXIDE 22 3W 5% p.20	1
R4	RESISTOR MET. OXIDE 10 3W 5% p.20	1
R24	RESISTOR MET. OXIDE 10 3W 5% p.20	1
R5	RESISTOR S.M. 1K 1/2W	1
R6	RESISTOR MET. OXIDE 4,7 2W 5% p.15	1
R7	RESISTOR S.M. 4K7 1/2W	1
R26	RESISTOR S.M. 4K7 1/2W	1
R27	RESISTOR S.M. 4K7 1/2W	1
R28	RESISTOR S.M. 4K7 1/2W	1
R8	RESISTOR S.M. 4,7 1/2W	1
R9	RESISTOR S.M. 4,7 1/2W	1
R10	RESISTOR S.M. 4,7 1/2W	1
R11	RESISTOR S.M. 4,7 1/2W	1
R12	RESISTOR S.M. 4,7 1/2W	1
R13	RESISTOR S.M. 4,7 1/2W	1
R 14	RESISTOR MET. OXIDE 47K 2W 5% P.17,5	1
R 15	RESISTOR S.M. 47 1/2W	1
R16	RESISTOR S.M. 151/2W	1
R17	RESISTOR S.M. 151/2W	1
R18	RESISTOR S.M. 151/2W	1
R19	RESISTOR S.M. 151/2W	1
R20	RESISTOR S.M. 151/2W	1
R21	RESISTOR S.M. 151/2W	1
R22	RESISTOR S.M. 2K2 1/2W	1
R23	RESISTOR S.M. 2K2 1/2W	1
R 25	RESISTOR MET. OXIDE 6,8 2W 2% P.20	1
R 29	RESISTOR MET. OXIDE 2K2 3W 5% P.22.5	1
R30	RESISTOR MET. OXIDE 4K7 3W 5% P.22.5	1
R31	RESISTOR MET. OXIDE 4K7 3W 5% P.22.5	1
R32	RESISTOR MET. OXIDE 4K7 3W 5% P.22.5	1
,R33	RESISTOR MET. OXIDE 4K7 3W 5% P.22.5	1
R 3	OMITTED	1
SCR1	SCR S2065K	1
SH1	LOW OHM WIRE RESISTOR D3mm L=23	1
SH2	LOW OHM WIRE RESISTOR D3mm L=23	1
SH3	LOW OHM WIRE RESISTOR D3mm L=23	1

SH4	LOW OHM WIRE RESISTOR D3mm L=23	1
SH 5	LOW OHM WIRE RESISTOR D3mm L=23	1
SH6	LOW OHM WIRE RESISTOR D3mm L=88mm	1
T1	TRANSFORMER	1
TA1	TRANSFORMER	1
TA2	TRANSFORMER	1

SRFB1K0PB2 – 2 PORT RF OUTPUT COMBINER & LPF

REF.	DESCRIPTION	Q.TY
C2	AUXILIARY PRINTED CIRCUIT	1
C1	AUXILIARY PRINTED CIRCUIT	1
C3	CAPACITOR CHIP CERAM. 1206 33pF 5% 100V NP0	1
C8	CAPACITOR CHIP CERAM. 1206 33pF 5% 100V NP0	1
C5	CAPACITOR CHIP CERAM. 1206 47pF 5% 100V NP0	1
C4	CAPACITOR CHIP CERAM. 1206 220pF 5% 100V NP0	1
C6	CAPACITOR CHIP CERAM. 1206 220pF 5% 100V NP0	1
C7	CAPACITOR CHIP CERAM. 1206 220pF 5% 100V NP0	1
C9	CAPACITOR CHIP CERAM. 1206 220pF 5% 100V NP0	1
D1	DIODE BAT54S SOT23 DUAL SCHOTTKY .2A/30	1
D2	DIODE BAT54S SOT23 DUAL SCHOTTKY .2A/30	1
L1	RF LINE	1
L2	INDUCTOR TOROIDAL FERRITE F2 D16x8sp10	1
R5	RESISTOR CHIP 1206 18 OHM 1/4W 1%	1
R6	RESISTOR CHIP 1206 120 OHM 1/4W 1%	1
R3	RESISTOR CHIP 1206 150 OHM 1/4W 1%	1
R7	RESISTOR CHIP 1206 150 OHM 1/4W 1%	1
R14	RESISTOR CHIP 1206 270 OHM 1/4W 1%	1
R4	RESISTOR CHIP 1206 330 OHM 1/4W 1%	1
R12	RESISTOR CHIP 1206 1.0K OHM 1/4W 1%	1
R13	RESISTOR CHIP 1206 1.0K OHM 1/4W 1%	1
R10	RESISTOR FLANGED 250W 50 OHM	1
R11	RESISTOR FLANGED 250W 50 OHM	1

SRFB500W – 500W AMPLIFIER MODULE			
REF.	DESCRIPTION	Q.ty	MANUFACTURER
C1	CAPACITOR SMD 33pF 100V COG	1	
C2	CAPACITOR, SMD 10pF 100V COG	1	
C3	CAPACITOR, SMD 22pF 100V COG	1	
C4	CAPACITOR, SMD 22pF 100V COG	1	
C5	CAPACITOR, SMD 100pF 200V COG	1	
C6	CAPACITOR, SMD 100pF 200V COG	1	
C7	CAPACITOR, SMD 100pF 200V COG	1	
C8	CAPACITOR, SMD 100pF 200V COG	1	
C9	CAPACITOR, CER NP0 47pF 100V	1	
C10	CAPACITOR, CER NP0 47pF 100V	1	
C11	CAPACITOR, SMD 1nF 100V COG	1	
C12	CAPACITOR, SMD 1nF 100V COG	1	
C13	CAPACITOR, SMD 1nF 100V COG	1	
C14	CAPACITOR, SMD 1nF 100V COG	1	
C16	CAPACITOR, CERAMIC 470pF 100V	1	
C16	CAPACITOR, CERAMIC 470pF 100V	1	
C17	CAPACITOR, CERAMIC 470pF 100V	1	
C18	CAPACITOR, CERAMIC 470pF 100V	1	

C19	CAPACITOR, SMD 1nF 100V COG	1	
C20	CAPACITOR, SMD 1nF 100V COG	1	
C21	CAPACITOR, SMD 1nF 100V COG	1	
C22	CAPACITOR, SMD 1nF 100V COG	1	
C23	CAPACITOR, PORCELAIN 470pF 10% 200V C17	1	
C24	CAPACITOR, PORCELAIN 470pF 10% 200V C17	1	
C25	CAPACITOR, PORCELAIN 470pF 10% 200V C17	1	
C26	CAPACITOR, PORCELAIN 470pF 10% 200V C17	1	
C27	CAPACITOR, PORCELAIN 470pF 10% 200V C17	1	
C28	CAPACITOR, PORCELAIN 470pF 10% 200V C17	1	
C29	CAPACITOR, PORCELAIN 470pF 10% 200V C17	1	
C30	CAPACITOR, PORCELAIN 470pF 10% 200V C17	1	
C31	CAPACITOR, PORCELAIN 47pF 5% 500V C17	1	
C32	CAPACITOR, PORCELAIN 47pF 5% 500V C17	1	
C35	CAPACITOR, PORCELAIN 15pF 5% 500V C17	1	
C36	CAPACITOR, PORCELAIN 15pF 5% 500V C17	1	
C37	CAPACITOR, PORCELAIN 10pF 5% 500V C17	1	
C38	CAPACITOR, PORCELAIN 10pF 5% 500V C17	1	
C 39	CAPACITIVE TRIMMER 2-18pF	1	
C40	CAPACITOR, ELETTR. RD 100uF 63V	1	
C41	CAPACITOR, ELETTR. RD 100uF 63V	1	
C42	CAPACITOR, SMD 1nF 100V COG	1	
C43	CAPACITOR, SMD 1nF 100V COG	1	
D1	DIODE 1N4148	1	
D2	DIODE 1N4148	1	
L1	INDUCTOR 4 SPIRE d6 FILO d0,8	1	SIEL
L2	INDUCTOR 4 SPIRE d6 FILO d0,8	1	
L3	INDUCTOR 3 SPIRE SU R2W FILO d1	1	SIEL
L4	INDUCTOR 3 SPIRE SU R2W FILO d1	1	
L5	INDUCTOR 3,5 SPIRE d10,5 FILO d2	1	SIEL
L6	INDUCTOR 3,5 SPIRE d10,5 FILO d2	1	
R1	RESISTOR KDI 100 Ohm 20W	1	
R2	RESISTOR SMD 1206 22 Ohm 1/4 W	1	
R3	RESISTOR SMD 1206 22 Ohm 1/4 W	1	
R4	RESISTOR SMD 1206 22 Ohm 1/4 W	1	
R5	RESISTOR SMD 1206 22 Ohm 1/4 W	1	
R6	RESISTOR RF 200 Ohm 20W 5%	1	
R7	RESISTOR RF 200 Ohm 20W 5%	1	
R8	RESISTOR RF 200 Ohm 20W 5%	1	
R9	RESISTOR RF 200 Ohm 20W 5%	1	
R10	RESISTOR METAL OXIDE 10 Ohm 2W	1	
R11	RESISTOR METAL OXIDE 10 Ohm 2W	1	
R12	RESISTOR 0,01 Ohm 5W 5%	1	
R13	RESISTOR 0,01 Ohm 5W 5%	1	
R14	RESISTOR KDI 100 Ohm 250W	1	
R15	RESISTIVE TRIMMER 20T VERT 5 kOhm 3/8"	1	
R16	RESISTIVE TRIMMER 20T VERT 5 kOhm 3/8"	1	
R17	RESISTOR METAL OXIDE 1 Ohm 2W 5%	1	
R18	RESISTOR METAL OXIDE 1 Ohm 2W 5%	1	
R19	RESISTOR SMD 1206 51 Ohm 1/4W	1	
R20	RESISTOR SMD 1206 51 Ohm 1/4W	1	
R2	RESISTOR SMD 1206 51 Ohm 1/4W	1	
R22	RESISTOR SMD 1206 51 Ohm 1/4W	1	
T1	MOSFET BLF278 300W	1	
T2	MOSFET BLF278 300W	1	
TR1	VHF INPUT TRANSFORMER	1	SIEL
TR2	VHF INPUT TRANSFORMER	1	

TR3
TR4
Z 1
Z 1

VHF OUTPUT TRANSFORMER
VHF OUTPUT TRANSFORMER
BRASS M4 TC STUD
400W RF AMPLIFIER PCB

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SIEL