

B Parts List

B.1 PA220 (05/9105/0220)

Ref.	Description	Part Number
C1	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C4	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C5	Capacitor 56pF 5% 250V Mica	48/3002/056P
C6	Capacitor 56pF 5% 250V Mica	48/3002/056P
C7	Capacitor 47pF 5% 250V Mica	48/3002/047P
C8	Capacitor 10pF 5% 250V Mica	48/3002/010P
C9	Capacitor 220pF 20% 100V SM1008	46/3100/220P
C10	Capacitor trim 2-18pF Hi temp	49/3001/018P
C11	Capacitor 220pF 20% 100V SM1008	46/3100/220P
C12	Capacitor 91pF 5% 250V Mica	48/3002/091P
C13	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C14	Capacitor 6.8uF 20% 25V	41/2225/06U8
C15	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C18	Capacitor 56pF 5% 250V Mica	48/3002/056P
C19	Capacitor 56pF 5% 250V Mica	48/3002/056P
C20	Capacitor 56pF 5% 250V Mica	48/3002/056P
C21	Capacitor 47pF 5% 250V Mica	48/3002/047P
C22	Capacitor 10pF 5% 250V Mica	48/3002/010P
C23	Capacitor 220pF 20% 100V SM1008	46/3100/220P
C24	Capacitor trim 2-18pF Hi temp	49/3001/018P
C25	Capacitor 220pF 20% 100V SM1008	46/3100/220P
C26	Capacitor 91pF 5% 250V Mica	48/3002/091P
C27	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C28	Capacitor 6.8uF 20% 25V	41/2225/06U8
C29	Capacitor 10pF 5% 63V NPO SM1206	46/3300/010P
C30	Capacitor 10pF 5% 63V NPO SM1206	46/3300/010P
C31	Capacitor 100pF 5% 63V NPO SM1206	46/3300/100P
C32	Capacitor 100pF 5% 63V NPO SM1206	46/3300/100P
C33	Capacitor 27pF 2% 100V NPO Rad	45/2680/027P
C34	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C35	Capacitor 27pF 2% 100V NPO Rad	45/2680/027P
C36	Capacitor 10nF 10% 50V X7R Rad	46/2001/010P
C37	Capacitor 27pF 2% 100V NPO Rad	45/2680/027P
C38	Capacitor 100nF 5% 50V MKT Rad	47/2007/100N
C39	Capacitor Soshin 12pF Mica SM1210	48/3003/012P
C40	Capacitor Soshin 27pF Mica SM1210	48/3003/027P
C41	Capacitor Soshin 27pF Mica SM1210	48/3003/027P
C42	Capacitor Soshin 12pF Mica SM1210	48/3003/012P
C43	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C44	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C45	Capacitor 100nF 10% 50V X7R Rad	46/2001/100N
C46	Capacitor 10uF 35V Electro Rad	41/2001/010U
C47	Capacitor 27pF 2% 100V NPO Rad	45/2680/027P

C48	Capacitor 27pF 2% 100V NPO Rad	45/2680/027P
C49	Capacitor 27pF 2% 100V NPO Rad	45/2680/027P
C50	Capacitor 27pF 2% 100V NPO Rad	45/2680/027P
C51	Capacitor 10nF 10% 50V X7R Rad	46/2001/010P
C52	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C53	Capacitor 100N 10% 63V X7R SM1206	46/3310/100N
C54	Capacitor 100N 10% 63V X7R SM1206	46/3310/100N
C56	Capacitor 56pF 5% 250V Mica	48/3002/056P
C57	Capacitor 220pF 20% 100V SM1008	46/3100/220P
C58	Capacitor trim 2-18pF Hi temp	49/3001/018P
C59	Capacitor trim 2-18pF Hi temp	49/3001/018P
C100	Capacitor 10pF 5% 250V Mica	48/3002/010P
C101	Capacitor 47pF 5% 250V Mica	48/3002/047P
C102	Capacitor trim 6 -100pF Hi temp	49/3003/100P
C103	Capacitor 47pF 5% 250V Mica	48/3002/047P
C104	Capacitor trim 6 -100pF Hi temp	49/3003/100P
C110	Capacitor 10pF 5% 250V Mica	48/3002/010P
C111	Capacitor 47pF 5% 250V Mica	48/3002/047P
C112	Capacitor trim 6 -100pF Hi temp	49/3003/100P
C114	Cap trim 6-100pF Hi temp	49/3003/100P
CX1	70 Ohm SR Coax	12/0021/0105
CX2	70 Ohm SR Coax	12/0021/0105
CX3	70 Ohm SR Coax	12/0021/0105
CX4	70 Ohm SR Coax	12/0021/0105
D1	Diode BAT17 SOT-23	21/3030/0017
D2	Diode BAT17 SOT-23	21/3030/0017
D5	Diode 1N4148	21/1010/4148
L1	Inductor 1uH Axial	37/2021/001U
L2	Coilcraft 132-7	37/2021/0007
L3	Coilcraft 132-7	37/2021/0007
L4	Ferrite Bead	37/1022/0001
L5	6 Hole Choke	37/1021/0001
L6	Inductor 1uH Axial	37/2021/001U
L7	Coilcraft 132-7	37/2021/0007
L8	Coilcraft 132-7	37/2021/0007
L9	Ferrite Bead	37/1022/0001
L10	6 Hole Choke	37/1021/0001
L11	Inductor 1uH 10% SM1008	37/3320/01U0
L12	2.5T	37/2635/0002
L13	2.5T	37/2635/0002
L14	2.5T	37/2635/0002
P1	6.35 QC Tab	35/0635/0001
P2	2.8 QC Tab	35/0028/0001
P3	6.35 QC Tab	35/0635/0001
P4	16 Way Shrouded Header	35/2502/0016
Q1	Transistor RF Power MRF650	27/3020/MRF650
Q2	Transistor RF Power MRF650	27/3020/MRF650
Q3	Transistor NPN 2N3904 T0-92	27/2020/3904
Q4	Transistor PNP 2N3906 T0-92	27/2020/3906
Q5	Transistor NPN 2N3904 T0-92	27/2020/3904
R3	Resistor 10R 5% .25W Axial	51/1040/0010
R4	Resistor 10R 5% .25W Axial	51/1040/0010
R7	Resistor 10R 5% .25W Axial	51/1040/0010

R8	Resistor 10R 5% .25W Axial	51/1040/0010
R9	Resistor 100 Ohm non inductive	51/RF40/0100
R10	Resistor 100 Ohm non inductive	51/RF40/0100
R11	Resistor 220R 5% .25W SM1206	51/3380/0220
R12	Resistor 220R 5% .25W SM1206	51/3380/0220
R13	Resistor 220R 5% .25W SM1206	51/3380/0220
R14	Resistor 220R 5% .25W SM1206	51/3380/0220
R15	Resistor 47K 5% .25W Axial	51/1040/047K
R16	Resistor 100K 5% .25W Axial	51/1040/100K
R17	Resistor 1K 5% .25W Axial	51/1040/01K0
R18	Resistor 47K 5% .25W Axial	51/1040/047K
R19	Resistor 100K 5% .25W Axial	51/1040/100K
R20	Resistor 1K 5% .25W Axial	51/1040/01K0
R21	Resistor 100R 5% .25W Axial	51/1040/0100
R22	Resistor 33K 5% .25W Axial	51/1040/033K
R23	Resistor 47K 5% .25W Axial	51/1040/047K
R24	Resistor 10K 5% .25W Axial	51/1040/010K
R25	Resistor 1M 5% .25W Axial	51/1040/01M0
R26	Resistor 100K 5% .25W Axial	51/1040/100K
R27	Resistor 0R1 WW 10W	51/0010/00R1
R28	Resistor 0R1 WW 10W	51/0010/00R1
R29	Resistor 10K 5% .25W Axial	51/1040/010K
R30	Resistor 10K 5% .25W Axial	51/1040/010K
R31	Resistor 10K 5% .25W Axial	51/1040/010K
R32	Resistor 270R 5% .25W Axial	51/1040/0270
R33	Resistor 270R 5% .25W Axial	51/1040/0270
R34	Resistor 10K 5% .25W Axial	51/1040/010K
R35	Resistor 2K2 5% .25W Axial	51/1040/02K2
R36	Resistor 10K 5% .25W Axial	51/1040/010K
R37	Resistor 10K 5% .25W Axial	51/1040/010K
R38	Resistor 10K 5% .25W Axial	51/1040/010K
R39	Resistor 680R 5% .25W Axial	51/1040/0680
R40	Resistor 33K 5% .25W Axial	51/1040/033K
R41	Resistor 100R 5% .25W Axial	51/1040/0100
RT1	Thermistor	54/0400/0080
RV1	10K Trimpot	53/1020/010K
RV2	10K Trimpot	53/1020/010K
U1	IC Quad Op-amp TLC274	25/2050/274C
U2	IC Voltage reg LM78L08	25/2040/78L08

Assembly 11/9106/0001

	PCB PA LED	30/9106/0001
D1	Diode LED Green T1 3/4	21/1011/LEDG
D2	Diode LED Red T1 3/4	21/1011/LEDR
D3	Diode LED Yellow T1 3/4	21/1011/LEDY

Assembly 12/0004/0001

	Connector 16 way IDC	35/2512/0016
	Cable 16 way 26GA .05 ID	36/1000/0016
	Connector DB9F IDC	35/5020/009F
	Connector DB25M solder	35/5020/025M
	Spacer M3x10	73/M3SP/H010

Screw M3x6 CSK PD BZNK	70/M315/0006
Nut M3 Steel BZNK	72/M315/0001
Washer M3 Shakeproof Steel BZNK	71/M325/0001
Screw M3x6 TT PNHD PD BZNK	70/M355/0006
Screw M3x10 TT PNHD PD BZNK	70/M355/0010
Spacer Al 5Dx3L M3 Clear	73/M3SP/0003

Assembly 12/0005/0075

Connector N type flange mount	35/50NA/0001
Cable coax RG316	35/0030/0316

Assembly 12/0006/0320

Connector BNC crimp	35/50BA/0001
Cable coax RG3216	36/0030/0316

Assembly 12/0007/R370

Wire 50x.25 T/C PVC Red	36/50X2/RED
QC 6.35 F Crimp	35/1635/0001

Assembly 12/0007/B340

Wire 50x.25 T/C PVC Black	36/50X2/BLK
QC 6.35 F Crimp	35/1635/0001

Bottom, Power amp	80/9127/0001
Top, Power amp	80/9126/0001
Rear panel, Power amp	80/9125/0001
Front sub panel, Power amp	80/9128/0001
Front panel, Power amp	80/9129/0001
Heat Sink, Power amp	80/9130/0001
Cover plain module	80/9101/0001
Pawl latch, DIUS DP109SAC	76/0001/0001
Handle 3.0	76/0002/300B
Handle ferrule .156 blk	76/0003/156B
Screw 4-40x6 CSK PD BZNK	70/4415/0006
Label, PA Front panel	81/9105/0001
Label, S/W and SMA	81/9100/PA220
Gnd lug M3 Utilux H254	39/M301/H254