

B T220 Parts List

Main PCB Assembly Parts

Ref.	Description	Part Number
C1	Capacitor 10U 35V Rad Electro	41/2001/010U
C2	Capacitor 18P 2% 100V NPO Rad.1	45/2680/018P
C3	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C4	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C5	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C6	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C7	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C8	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C9	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C10	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C11	Capacitor 10U 35V Rad Electro	41/2001/010U
C12	Capacitor 47N 20% 50V X7R Rad.2	46/2001/047N
C13	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C14	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C15	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C16	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C17	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C18	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C19	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C20	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C21	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C22		
C23	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C24	Capacitor 4P7 5% 63V NP0 SM1206	46/3300/04P7
C25	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C26	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C27	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C28	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C29	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C30	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C31	Capacitor 2U2 10% 100V MKT Rad.2	47/2010/02U2
C32	Capacitor 10U 35V Rad Electro	41/2001/010U
C33	Capacitor 1U0 10% 63V MKT Rad.2	47/2007/01U0
C34	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C35	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C36	Capacitor 10U 35V Rad Electro	41/2001/010U
C37	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C38	Capacitor 10U 35V Rad Electro	41/2001/010U
C39	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C40	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C41	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C42	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C43	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C44	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C45	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0

Ref.	Description	Part Number
C46	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C47	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C48	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C49	Capacitor 22N 5% 63V MKT Rad.2	47/2010/022N
C50	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C51	Capacitor 1N2 5% NPO Rad.2	46/2000/01N2
C52	Capacitor 1N5 10% 50V COG Rad.2	46/2000/01N5
C53	Capacitor 1U 35V Rad Electro	41/2001/001U
C54	Capacitor 10U 35V Rad Electro	41/2001/010U
C55	Capacitor 10N 10% 63V X7R SM1206	46/3310/010N
C56	Capacitor 1N2 5% NPO Rad.2	46/2000/01N2
C57	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C58	Capacitor 22N 5% 63V MKT Rad.2	47/2010/022N
C59	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C60	Capacitor 1UO 10% 63V MKT Rad.2	47/2007/01UO
C61	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C62	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C63	Capacitor 10U 35V Rad Electro	41/2001/010U
C64	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C65	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C66	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C67	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C68	Capacitor 470U 25V RB Electro	41/2001/470U
C69	Capacitor 470U 25V RB Electro	41/2001/470U
C70	Capacitor 10U 35V Rad Electro	41/2001/010U
C71	Capacitor 10U 35V Rad Electro	41/2001/010U
C72	Capacitor 10U 35V Rad Electro	41/2001/010U
C73	Capacitor 10U 35V Rad Electro	41/2001/010U
C74	Capacitor 10U 35V Rad Electro	41/2001/010U
C75	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C76	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C77	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C78	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C79	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C80	Capacitor 10U 35V Rad Electro	41/2001/010U
C81	Capacitor 18P 2% 100V NPO Rad.1	45/2680/018P
C82	Capacitor 10U 35V Rad Electro	41/2001/010U
C83	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C84	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C85	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C86	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C87	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C88	Capacitor 10P 5% 63V NPO SM1206	46/3300/010P
C89	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C90	Capacitor 10P 5% 63V NPO SM1206	46/3300/010P
C91	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C92	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C93	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C94	Capacitor 1P8 5% 63V NPO SM1206	46/3300/01P8
C95	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C96	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0

Ref.	Description	Part Number
C97	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C98	Capacitor 1P8 5% 63V NPO SM1206	46/3300/01P8
C99	Capacitor Trim 5-25P	49/3000/025P
C100	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C102	Capacitor 10N 10% 63V X7R 1206	46/3310/010N
C103	Capacitor 47N 20% 50V X7R Rad.2	46/2001/047N
C104	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C105	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C106	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C107	Capacitor 47N 20% 50V X7R Rad.2	46/2001/047N
C108	Capacitor 1UO 10% 63V MKT Rad.2	47/2007/01U0
C109	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C110	Capacitor 47P 2% 100V NPO Rad.1	45/2680/047P
C111	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C112	Capacitor 100U 25V RB Electro	41/1025/100U
C113	Capacitor 1UO 10% 63V MKT Rad.2	47/2007/01U0
C114	Capacitor 1UO 10% 63V MKT Rad.2	47/2007/01U0
C115	Capacitor 100U 25V RB Electro	41/1025/100U
C116	Capacitor 1UO 10% 63V MKT Rad.2	47/2007/01U0
C117	Capacitor 100U 25V RB Electro	41/1025/100U
C118	Capacitor 10U 35V Rad Electro	41/2001/010U
C119	Capacitor 10U 35V Rad Electro	41/2001/010U
D1	Diode Led RED T1 3/4	21/1010/LEDR
D2	Diode 3Amplicifier 1KV Rectifier	21/1080/5408
D3	Diode VCapacitor MMBV105G SOT23	21/3060/105G
D4	Diode Silicon 1N4148	21/1010/4148
D5	Diode Silicon 1N4148	21/1010/4148
D6	Diode Silicon GP	21/1010/4002
D7	Diode Zener 1N4751 30V 1W Axial	21/1040/4751
D8	Diode Silicon GP	21/1010/4002
D9	Diode Silicon GP	21/1010/4002
D10	Diode Silicon 1N4148	21/1010/4148
D11	Diode Silicon 1N4148	21/1010/4148
D12	Diode Led Yellow T1 3/4	21/1010/LEDY
D13	Diode Silicon 1N4148	21/1010/4148
D14	Diode Silicon GP	21/1010/4002
D15	Diode Silicon 1N4148	21/1010/4148
D16	Diode Silicon 1N4148	21/1010/4148
D17	Diode Silicon 1N4148	21/1010/4148
D18	Diode Led Green T1 3/4	21/1010/LEDG
D19	Diode Schottkey BAT17 SOT23	21/3030/0017
D20	Diode 8V2 Zener	21/1040/B8V2
D21	Diode Led Green T1 3/4	21/1010/LEDG
D22	Diode Led Green T1 3/4	21/1010/LEDG
D23	Diode Silicon 1N4148	21/1010/4148
D24	Diode Zener 1N4751 30V 1W AXI	21/1040/4751
H1	Hybred CTCSS	17/1000/1752
ISO1	IC Opto-Isolator 4N35	25/1010/4N35
J1	Connector Coax SKT SMB Vertical PCB	35/2004/0001
JP2	Connector 3Way Header	35/2501/0003
JP3	Connector 3Way Header	35/2501/0003

Ref.	Description	Part Number
JP4	Connector 3Way Header	35/2501/0003
JP5	Connector 3Way Header	35/2501/0003
JP6	Connector 3Way Header	35/2501/0003
JP7	Connector 3Way Header	35/2501/0003
JP8	Connector 6Way Header	35/2501/0006
JP9	Connector 2Way Header	35/2501/0002
JP10	Connector 2Way Header	35/2501/0002
JP11	Connector 2Way Header	35/2501/0002
JP13	Connector 2Way Header	35/2501/0002
JP14	Connector 16Way Shrouded Header	35/2502/0016
JP15	Connector 10Way Header	35/2501/0010
L1	Ferrite Bead SMD	37/3321/LM31
L2	Inductor 1uH Axial	37/2021/001U
L3	Ferrite Bead SMD	37/3321/LM31
L4	Ferrite Bead SMD	37/3321/LM31
L5	Inductor 150mH 10RBH	37/2021/1RBH
L6	Inductor 220N 10% Choke SM1206	37/3320/220N
L7	Ferrite Bead SMD	37/3321/LM31
L8	Ferrite Bead SMD	37/3321/LM31
L9	Ferrite Bead SMD	37/3321/LM31
L10	Inductor 6 Hole Ferrite RFC	37/1021/0001
L11	Inductor 220N 10% Choke SM1206	37/3320/220N
L12	Inductor 220N 10% Choke SM1206	37/3320/220N
L13	Inductor 220N 10% Choke SM1206	37/3320/220N
L14	Inductor 220N 10% Choke SM1206	37/3320/220N
MA1	Amplifier MMIC MWA0211L SOT143	24/3010/211L
MA2	Amplifier MMIC MWA0211L SOT143	24/3010/211L
MA3	Amplifier MMIC MWA0211L SOT143	24/3010/211L
MA4	Amplifier MMIC MWA0211L SOT143	24/3010/211L
MA5	Amplifier MMIC MWA0211L SOT143	24/3010/211L
P1	Filter D RT AGL 9W F Ferrite	35/5012/009F
P3	Filter D RT AGL 25W M Ferrite	35/5012/025M
Q1	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q2	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q3	Transistor GP PNP 2N3906 TO92	27/2010/3906
Q4	Transistor GP PNP MPS3640	27/2010/3640
Q5	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q6	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q7	Transistor GP PNP 2N3906 TO92	27/2010/3906
Q8	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q9	FET NJ 2N5459 TO92M	27/2030/5459
Q10	Transistor GP NPN 2N3904 TO92	27/3020/3904
Q11	Transistor GP NPN MPS2369 TO92	27/2010/2369
Q12	Transistor GP PNP 2N3906 TO92	27/2010/3906
Q13	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q14	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q15	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q16	Transistor GP PNP 2N3906 TO92	27/2010/3906
Q17	FET NJ 2N5459 TO92M	27/2030/5459
Q18	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q19	FET NJ MMBFJ309 SOT23	27/3030/J309

Ref.	Description	Part Number
Q20	Transistor GP NPN MMBT3904 SOT23	27/3020/3904
Q21	Transistor GP PNP MPS3640	27/2010/3640
Q22	Transistor GP NPN MPS2369 TO92	27/2010/2369
Q23	Transistor PNP MJF6107 TO22O	27/2010/6107
Q24	Transistor GP PNP 2N3906 TO92	27/2010/3906
Q25	Transistor NPN GP MPSA06 TO92	27/2010/PA06
R1	Resistor 5K11 1% 0.25W Axial	51/1010/5K11
R2	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R3	Resistor 100 5% 0.25W SM1206	51/3380/0100
R4	Resistor 100 5% 0.25W SM1206	51/3380/0100
R5	Resistor 100 5% 0.25W SM1206	51/3380/0100
R6	Resistor 15R 5% 0.25W SM1206	51/3380/0015
R7	Resistor 68 5% 0.25W Axial	51/1040/0068
R8	Resistor 3K3 5% 0.25W Axial	51/1040/03K3
R9	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R10	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R11	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R12	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R13	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R14	Resistor 680 5% 0.25W Axial	51/1040/0680
R15	Resistor 6K8 5% 0.25W Axial	51/1040/06K8
R16	Resistor 680 5% 0.25W Axial	51/1040/0680
R17	Resistor 270 5% 0.25W SM1206	51/3380/0270
R18	Resistor 10K 5% 0.25W Axial	51/1040/010K
R19	Resistor 47K 5% 0.25W Axial	51/1040/047K
R20	Resistor 1M0 5% 0.25W Axial	51/1040/01M0
R21	Resistor 10K 5% 0.25W Axial	51/1040/010K
R22	Resistor 10K 5% 0.25W Axial	51/1040/010K
R23	Resistor 10K 5% 0.25W Axial	51/1040/010K
R24	Resistor 330 5% 0.25W Axial	51/1040/0330
R25	Resistor 330 5% 0.25W Axial	51/1040/0330
R26	Resistor 18K 5% 0.25W Axial	51/1040/018K
R27	Resistor 10K0 1% 0.25W Axial	51/1010/010K
R28	Resistor 10K 5% 0.25W Axial	51/1040/010K
R29	Resistor 2K2 5% 0.25W Axial	51/1040/02K2
R30	Resistor 470K 5% 0.25W Axial	51/1040/470K
R31	Resistor 10K 5% 0.25W Axial	51/1040/010K
R32	Resistor 10K 5% 0.25W Axial	51/1040/010K
R33	Resistor 10K 5% 0.25W Axial	51/1040/010K
R34	Resistor 100K 5% 0.25W Axial	51/1040/100K
R35	Resistor 100K 5% 0.25W Axial	51/1040/100K
R36	Resistor 5K11 1% 0.25W Axial	51/1010/5K11
R37	Resistor 10K 5% 0.25W Axial	51/1040/010K
R38	Resistor 91K 5% 0.25W Axial	51/1040/091K
R39	Resistor 22 5% 0.25W Axial	51/1040/0022
R40	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R41	Resistor 2K2 5% 0.25W Axial	51/1040/02K2
R42	Resistor 100 5% 0.25W SM1206	51/3380/0100
R43	Resistor 100K 5% 0.25W Axial	51/1040/100K
R44	Resistor 18K 5% 0.25W Axial	51/1040/018K
R45	Resistor 10K 5% 0.25W Axial	51/1040/010K

Ref.	Description	Part Number
R46	Resistor 10K 5% 0.25W Axial	51/1040/010K
R47	Resistor 64K9 1% 0.25W Axial	51/1010/64K9
R48	Resistor 64K9 1% 0.25W Axial	51/1010/64K9
R49	Resistor 7K50 1% 0.25W Axial	51/1010/07K5
R50	Resistor 1M0 5% 0.25W Axial	51/1040/01M0
R51	Resistor 10K 5% 0.25W SM1206	51/3380/010K
R52	Resistor 10K 5% 0.25W SM1206	51/3380/010K
R53	Resistor 7K50 1% 0.25W Axial	51/1010/07K5
R54	Resistor 10K0 1% 0.25W Axial	51/1010/010K
R55	Resistor 91K 5% 0.25W Axial	51/1040/091K
R56	Resistor 100K 5% 0.25W Axial	51/1040/100K
R57	Resistor 91K 5% 0.25W Axial	51/1040/091K
R58	Resistor 64K9 1% 0.25W Axial	51/1010/64K9
R59	Resistor 64K9 1% 0.25W Axial	51/1010/64K9
R60	Resistor 1K2 5% 0.25W Axial	51/1040/01K2
R61	Resistor 1K2 5% 0.25W Axial	51/1040/01K2
R62	Resistor 10K 5% 0.25W Axial	51/1040/010K
R63	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R64	Resistor 390 5% 0.25W Axial	51/1040/0390
R65	Resistor 47K 5% 0.25W Axial	51/1040/047K
R66	Resistor 47K 5% 0.25W Axial	51/1040/047K
R67	Resistor 10K 5% 0.25W Axial	51/1040/010K
R68	Resistor 680 5% 0.25W Axial	51/1040/0680
R69	Resistor 1K5 5% 0.25W Axial	51/1040/01K5
R70	Resistor 680 5% 0.25W Axial	51/1040/0680
R71	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R72	Resistor 47 5% 0.25W Axial	51/1040/0047
R73	Resistor 1M0 5% 0.25W Axial	51/1040/01M0
R74	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R75	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R76	Resistor 10K 5% 0.25W Axial	51/1040/010K
R77	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R78	Resistor 6K49 1% 0.25W Axial	51/1010/6K49
R79	Resistor 28K7 1% 0.25W Axial	51/1010/28K7
R80	Resistor 5K11 1% 0.25W Axial	51/1010/5K11
R81	Resistor 5K11 1% 0.25W Axial	51/1010/5K11
R82	Resistor 5K11 1% 0.25W Axial	51/1010/5K11
R83	Resistor 5K11 1% 0.25W Axial	51/1010/5K11
R84	Resistor 100K 5% 0.25W Axial	51/1040/100K
R85	Resistor 2K2 5% 0.25W Axial	51/1040/02K2
R86	Resistor 680 5% 0.25W Axial	51/1040/0680
R87	Resistor 2K2 5% 0.25W SM1206	51/3380/02K2
R88	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R89	Resistor 10K 5% 0.25W Axial	51/1040/010K
R90	Resistor 180 5% 0.25W Axial	51/1040/0180
R91	Resistor 100 5% 0.25W SM1206	51/3380/0100
R92	Resistor 180 5% 0.25W SM1206	51/3380/0180
R93	Resistor 100 5% 0.25W SM1206	51/3380/0100
R94	Resistor 1K8 5% 0.25W Axial	51/1040/01K8
R95	Resistor 2K7 5% 0.25W Axial	51/1040/02K7
R96	Resistor 15R 5% 0.25W SM1206	51/3380/0015

Ref.	Description	Part Number
R97	Resistor 47R 5% 0.25W SM1206	51/3380/0047
R98	Resistor 47R 5% 0.25W SM1206	51/3380/0047
R99	Resistor 10K 5% 0.25W SM1206	51/3380/010K
R100	Resistor 47R 5% 0.25W SM1206	51/3380/0047
R101	Resistor 4K32 1% 0.25W Axial	51/1010/4K32
R102	Resistor 4K32 1% 0.25W Axial	51/1010/4K32
R103	Resistor 4K32 1% 0.25W Axial	51/1010/4K32
R104	Resistor 470K 5% 0.25W Axial	51/1040/470K
R105	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R106	Resistor 560 5% 0.25W Axial	51/1040/0560
R107	Resistor 3K3 5% 0.25W Axial	51/1040/03K3
R108	Resistor 560 5% 0.25W Axial	51/1040/0560
R109	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R110	Resistor 100 5% 0.25W Axial	51/1040/0100
R111	Resistor 2K2 5% 0.25W Axial	51/1040/02K2
R112	Resistor 220K 5% 0.25W Axial	51/1040/220K
R113	Resistor 68 5% 0.25W Axial	51/1040/0068
R114	Resistor 47K 5% 0.25W Axial	51/1040/047K
R115	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R116	Resistor 10K 5% 0.25W Axial	51/1040/010K
R117	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R119	Resistor 22 5% 0.25W Axial	51/1040/0022
R120	Resistor 220 5% 0.25W Axial	51/1040/0220
R121	Resistor 120K 5% 0.25W Axial	51/1040/120K
R123	Resistor 150K 5% 0.25W Axial	51/1040/150K
R124	Resistor 150K 5% 0.25W Axial	51/1040/150K
R125	Resistor 680K 5% 0.25W Axial	51/1040/680K
R126	Resistor 680K 5% 0.25W Axial	51/1040/680K
R127	Resistor 470K 5% 0.25W Axial	51/1040/470K
R128	Resistor 680K 5% 0.25W Axial	51/1040/680K
R129	Resistor 470K 5% 0.25W Axial	51/1040/470K
R130	Resistor 470 5% 0.25W SM1206	51/3380/0470
R131	Resistor 47R 5% 0.25W SM1206	51/3380/0047
R132	Resistor 47R 5% 0.25W SM1206	51/3380/0047
R133	Resistor 510K 5% 0.25W Axial	51/1040/510K
R134	Resistor 270 5% 0.25W Axial	51/1040/0270
R135	Resistor 470 5% 0.25W Axial	51/1040/0470
R136	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R137	Resistor 10K 5% 0.25W Axial	51/1040/010K
R138	Resistor 22K 5% 0.25W Axial	51/1040/022K
R139	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R140	Resistor 100K 5% 0.25W Axial	51/1040/100K
R141	Resistor 10R 5% 0.25W Axial	51/1040/0010
RN1	Resistor PACK 100K X8 DIP16	52/2002/100K
RN2	Resistor PACK 10K SIP10	52/2002/010K
RV1	Trimpot 10K 1 Turn Vertical	53/1020/010K
RV2	Trimpot 10K 1 Turn Vertical	53/1020/010K
RV3	Trimpot 10K 1 Turn Vertical	53/1020/010K
RV4	Trimpot 10K Multiurn HOR	53/2060/010K
S1	Switch PSH BTN SPDT & Capacitor	31/0005/E121
S2	Switch BCD Pre-Set	31/4001/0BCD

Ref.	Description	Part Number
S3	Switch BCD Pre-Set	31/4001/0BCD
T1	Transformer Line 600 Ohm	37/2040/5065
U1	IC RS232 Inter MAX232C	26/2001/232C
U2	IC 3 State BUF 74HC244N	26/2030/244N
U3	IC Micro Super MC34064P-5	26/2000/064P
U4	IC 8 Bit Latch 74HC573N	26/2030/C573
U5	IC Eprom 27C256	26/2090/C256
U6	IC Frequency SYN MB1501 SO16X	26/2000/1501
U7	IC Quad OP Amplifier TLC274	25/2050/274C
U8	IC Dual FET OP Amplifier DIP8	25/1050/272C
U9	IC Quad OP Amplifier TLC274	25/2050/274C
U10	IC Analogue GATE MC14066B	26/2040/4066
U11	IC Quad Nand 74C00 DIP14	26/2031/4C00
U13	IC Micro 68HC11A1P	26/2000/HC11
U14	IC Volt Regulator LM7805	25/2040/7805
XO1	TCXO 12.8 MHz O91/143-2	32/2030/12.8
Y1	Crystal 8.0MHz	32/2049/08M0
Y2	Crystal 5.0MHz	32/2049/05M0

Power Amplifier Assembly

C1	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C2	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C3	Capacitor 18P 2% 100V NPO Rad.1	45/2680/018P
C4	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C5	Capacitor 10N 10% 50V X7R Rad.2	46/2001/010N
C6	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C7	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C8	Capacitor 8P 500V Mica SM1210	48/3003/008P
C9	Capacitor 27P 500V Mica SM1210	48/3003/027P
C10	Capacitor 27P 500V Mica SM1210	48/3003/027P
C11	Capacitor 8P 500V Mica SM1210	48/3003/008P
C12	Capacitor 10U 35V Rad Electro	41/2001/010U
C13	Capacitor 10U 35V Rad Electro	41/2001/010U
C14	Capacitor 4N7 5% 400V MKT Rad.2	47/2040/04N7
C15	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C16	Capacitor 100P 5% 63V NPO 1206	46/3300/100P
C17	Capacitor 100P 5% 63V NPO 1206	46/3300/100P
C18	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C19	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C20	Capacitor 10U 35V Rad Electro	41/2001/010U
C21	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C22	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C23	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C24	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
C25	Capacitor 10P 5% 63V NPO SM1206	46/3300/010P
C26	Capacitor 10P 5% 63V NPO SM1206	46/3300/010P
C27	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C28	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C29	Capacitor 10U 35V Rad Electro	41/2001/010U

Ref.	Description	Part Number
C30	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C31	Capacitor 100N 10% 50V X7R Rad.2	46/2001/100N
C32	Capacitor 1N0 5% 100V NPO Rad.2	46/2000/01N0
CR1	47nH Coilcraft midi-spring	37/AC52/047N
D1	Diode Schottkey BAT17 SOT23	21/3030/0017
D2	Diode Schottkey BAT17 SOT23	21/3030/0017
D3	Diode Silicon 1N4148	21/1010/4148
D4	Diode Silicon 1N4148	21/1010/4148
J2	Connector Coax SMB PCB Horizontal	35/2001/0001
L1	In Molded 3.5 Turn	37/2021/0003
L2	In Molded 3.5 Turn	37/2021/0003
L3	In Molded 3.5 Turn	37/2021/0003
L4	Ferrite Beads (4)	37/1022/0001
L5	Ind 3U3 10% Choke SM1008	7/3320/03U3
L6	Ind 6 Hole Ferrite RFC	37/1021/0001
L7	Ind 6 Hole Ferrite RFC	37/1021/0001
L8	Ind Molded 1.5 Turn	37/2021/0001
L9	Ind Molded 2.5 Turn	37/2021/0002
L10	Ind Molded 2.5 Turn	37/2021/0002
L11	Ind Molded 2.5 Turn	37/2021/0002
P1	Connector 16 Way Horizontal Shrouded Header	35/2503/0016
Q2	Transistor RF NPN MRF5812 SO8	27/3020/5812
Q3	Transistor GP PNP 1A MPSW51A	27/2010/PW51
Q4	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q5	Transistor GP NPN 2N3904 TO92	27/2020/3904
R1	Resistor 220 5% 0.25W SM1206	51/3380/0220
R2	Resistor 100K 5% 0.25W Axial	51/1040/100K
R3	Resistor 100K 5% 0.25W Axial	51/1040/100K
R4	Resistor 100 5% 0.25W Axial	51/1040/0100
R5	Resistor 220 5% 0.25W SM1206	51/3380/0220
R6	Resistor 15K 5% 0.25W Axial	51/1040/015K
R7	Resistor 47K 5% 0.25W Axial	51/1040/047K
R10	Resistor 10R 5% 0.25W Axial	51/1040/0010
R11	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R12	Resistor 10R 5% 0.25W Axial	51/1040/0010
R13	Resistor 470 5% 0.25W Axial	51/1040/0470
R14	Resistor 10K 5% 0.25W Axial	51/1040/010K
R15	Resistor 470 5% 0.25W Axial	51/1040/0470
R16	Resistor 470 5% 0.25W SM1206	51/3380/0470
R17	Resistor 7K5 1% 0.25W Axial	51/1010/07K5
R18	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R19	Resistor 100K 5% 0.25W Axial	51/1040/100K
R20	Resistor 100 5% 0.25W Axial	51/1040/0100
R21	Resistor 100K 5% 0.25W Axial	51/1040/100K
R22	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R23	Resistor 47K 5% 0.25W SM1206	51/3380/047K
R24	Resistor 47K 5% 0.25W SM1206	51/3380/047K
R25	Resistor 220 5% 0.25W SM1206	51/3380/0220
R26	Resistor 220 5% 0.25W SM1206	51/3380/0220
R27	Resistor 100K 5% 0.25W Axial	51/1040/100K
R28	Resistor 1M0 5% 0.25W Axial	51/1040/01M0

Ref.	Description	Part Number
R29	Resistor 10K 5% 0.25W Axial	51/1040/010K
R30	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R31	Resistor 100 5% 0.25W SM1206	51/3380/0100
R32	Resistor 47R 5% 0.25W SM1206	51/3380/0047
R33	Resistor 33R 5% 0.25W Axial	51/1040/0033
RT1	Thermistor	54/0400/0080
RV1	Trimpot 10K 1 Turn Vertical	53/1020/010K
U1	IC Quad Op Amp MC3403P	25/1050/3403
U2	Amp 20W 220-245MHz	18/M687/0029