

B T70/T150 PARTS LIST

B T70 / T150 Parts List

Common Parts for T70 & T150

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 RD.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 RD.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 RD.2	46/2001/100N
C20	Capacitor 33P 5% 63V NPO SM1206	46/3300/033P
C21	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C23	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C24	Capacitor 68P 5% 63V NPO SM1206	46/3300/068P
C25	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C26	Capacitor 6u8 10v SMD Tantalum	42/3009/06U8
C27	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C28	Capacitor 4N7 10% COG RAD.2	46/2000/04N7
C29	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C30	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C31	Capacitor 2U2 10% 100V MKT RD.2	47/2010/02U2
C32	Capacitor 10U 35V RAD Electro	41/2001/010U
C33	Capacitor 1UO 10% 50V MKT	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 5% 50V MKT RD.2	47/2007/100N
C42	Capacitor 100N 10% 50V X7R RD.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
C46	Capacitor 10N 10% 50V X7R RAD.2	46/2001/010N
C47	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C48	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C49	Capacitor 22N 5% 63V MKT RAD.2	47/2010/022N
C50	Capacitor 100N 5% 50V MKT RD.2	47/2007/100N
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 1206	46/3310/010N
C56	Capacitor 1N2 5% NPO RAD.2	46/2000/01N2
C57	Capacitor 100N 5% 50V MKT RD.2	47/2007/100N
C58	Capacitor 22N 5% 63V MKT RAD.2	47/2010/022N

Ref.	Description	Part Number
C59	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C60	Capacitor 1UO 10% 50V MKT	47/2007/01U0
C61	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C62	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C63	Capacitor 10U 35V RAD Electro	41/2001/010U
C64	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C65	Capacitor 1N0 5% 100V NPO RAD.2	46/2000/01N0
C66	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C67	Capacitor 100N 10% 50V X7R RD.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 RD.2	46/2001/100N
C78	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C79	Capacitor 100N 10% 50V X7R RD.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 100P 5% 63V NPO 1206	46/3300/100P
C89	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C90	Capacitor 33P 5% 63V NPO SM1206	46/3300/033P
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 100P 5% 63V NPO 1206	46/3300/100P
C95	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C96	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C97	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C99	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
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 RD.2	46/2001/047N
C104	Capacitor 100N 10% 50V X7R RD.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 RD.2	46/2001/047N
C108	Capacitor 1UO 10% 50V MKT	47/2007/01U0
C109	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C110	Capacitor 100P 5% 63V NPO 1206	46/3300/100P
C111	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C112	Capacitor 47U 25V RB Electro	41/2001/047U
C113	Capacitor 1UO 10% 50V MKT	47/2007/01U0
C114	Capacitor 1UO 10% 50V MKT	47/2007/01U0
C115	Capacitor 100U 25V RB Electro	41/1025/100U
C116	Capacitor 1UO 10% 50V MKT	47/2007/01U0
C117	Capacitor 47U 25V RB Electro	41/2001/047U
C118	Capacitor 10U 35V RAD Electro	41/2001/010U
C119	Capacitor 10U 35V RAD Electro	41/2001/010U

Ref.	Description	Part Number
C120	Capacitor 10N 10% 63V X7R 1206	46/3310/010N
C121	Capacitor 10U 35V RAD Electro	41/2001/010U
C122	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C123	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C125	Capacitor 2P7 5% 63V NPO SM1206	46/3300/02P7
C126	Capacitor 470P 5% 63V SM1206	46/3300/470P
C127	Capacitor 470P 5% 63V SM1206	46/3300/470P
C128	Capacitor 10N 10% 63V X7R 1206	46/3310/010N
C129	Capacitor 10U 35V RAD Electro	41/2001/010U
C130	Capacitor 100N 10% 63V X7R 1206	46/3310/100N
C131	Capacitor 10N 10% 63V X7R 1206	46/3310/010N
C132	Capacitor 10N 10% 50V X7R RAD.2	46/2001/010N
CV1	Capacitor Ceramic Trim 25P SMT	49/3002/025P
D1	Diode LED Red T1 3/4	21/1010/LEDR
D2	Diode 3A 1KV Rectifier	21/1080/5408
D4	Diode Silicon 1N4148	21/1010/4148
D5	Diode Silicon 1N4148	21/1010/4148
D6	Diode SIL GP	21/1010/4002
D7	Diode ZEN 1N4751 30V 1W AXI	21/1040/4751
D8	Diode SIL GP	21/1010/4002
D9	Diode SIL GP	21/1010/4002
D10	Diode Silicon 1N4148	21/1010/4148
D11	Diode Silicon 1N4148	21/1010/4148
D12	Diode YELLOW Red T1 3/4	21/1010/LEDY
D13	Diode Silicon 1N4148	21/1010/4148
D14	Diode Sil 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 GREEN Red T1 3/4	21/1010/LEDG
D19	Schotky Diode BAT17-Sot23	21/3030/0017
D20	Zener Diode, BZX79C8V2 Axial	21/1040/B8V2
D21	Diode GREEN Red T1 3/4	21/1010/LEDG
D22	Diode GREEN Red T1 3/4	21/1010/LEDG
D23	Diode Silicon 1N4148	21/1010/4148
D24	Diode ZEN 1N4751 30V 1W AXI	21/1040/4751
D25	Diode V Capacitor MMBV109 SOT23	21/3060/V109
D26	Diode V Capacitor MMBV109 SOT23	21/3060/V109
D27	Diode V Capacitor MMBV109 SOT23	21/3060/V109
D28	Diode V Capacitor MMBV109 SOT23	21/3060/V109
H1	Hybrid CTCSS	13/9150/0002
ISO1	IC Opto-Isolator 4N33	25/1010/4N33
J1	Connector Coax SKT SMB Vertical PCB	35/2004/0001
JP2	Connector 3 Way Header	35/2501/0003
JP3	Connector 3 Way Header	35/2501/0003
JP4	Connector 3 Way Header	35/2501/0003
JP5	Connector 3 Way Header	35/2501/0003
JP6	Connector 3 Way Header	35/2501/0003
JP7	Connector 3 Way Header	35/2501/0003
JP8	Connector 6 Way Header	35/2501/0006
JP9	Connector 2 Way Header	35/2501/0002
JP10	Connector 2 Way Header	35/2501/0002
JP11	Connector 2 Way Header	35/2501/0002
JP13	Connector 2 Way Header	35/2501/0002
JP14	Connector 16 Way Shroud Header	35/2502/0016
JP15	Connector 10 Way 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

Ref.	Description	Part Number
L6	Inductor 3U3 10% Choke SM1008	37/3320/03U3
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 3U3 10% Choke SM1008	37/3320/03U3
L12	Inductor 3U3 10% Choke SM1008	37/3320/03U3
L13	Inductor 3U3 10% Choke SM1008	37/3320/03U3
L14	Inductor 3U3 10% Choke SM1008	37/3320/03U3
L16	Inductor 18U 10% Choke SM1812	37/3320/018U
L17	Inductor 680N 10% Choke SM1206	37/3320/680N
MA1	Amplifier MMIC MWA0311 SOT143	24/3010/0311
MA2	Amplifier MMIC MWA0311 SOT143	24/3010/0311
MA3	Amplifier MMIC MWA0311 SOT143	24/3010/0311
MA4	Amplifier MMIC MWA0311 SOT143	24/3010/0311
MA5	Amplifier MMIC MWA0311 SOT143	24/3010/0311
P1	Filter D RT AGL 9W F Ferrite	35/5012/009F
P3	Filter D RT AGL 25W M	35/5012/025M
Q1	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q10	Transistor NPN MMBT3904 SOT23	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	Field Effect Transistor NJ 2N5459 TO92M	27/2030/5459
Q18	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q19	Field Effect Transistor NJ MMBFJ309 SOT23	27/3030/J309
Q2	Transistor GP NPN 2N3904 TO92	27/2020/3904
Q20	Transistor NPN MMBT3904 SOT23	27/3020/3904
Q21	Transistor GP PNP MPS3640	27/2010/3640
Q23	Transistor PNP MJF6107 TO220	27/2010/6107
Q24	Transistor GP PNP 2N3906 TO92	27/2010/3906
Q25	Transistor NPN GP MPSA06 TO92	27/2010/PA06
Q26	Transistor NPN MMBT3904 SOT23	27/3020/3904
Q27	Transistor NPN MMBT3904 SOT23	27/3020/3904
Q28	Transistor NPN MMBT2369 SOT23	27/3020/2369
Q29	Transistor NPN MMBT2369 SOT23	27/3020/2369
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	Field Effect Transistor NJ 2N5459 TO92M	27/2030/5459
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 390 5% 0.25W Axial	51/1040/0390
R8	Resistor 3K3 5% 0.25W Axial	51/1040/03K3
R9	Resistor 2K7 5% 0.25W Axial	51/1040/02K7
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

Ref.	Description	Part Number
R15	Resistor 6K8 5% 0.25W Axial	51/1040/06K8
R16	Resistor 680 5% 0.25W Axial	51/1040/0680
R17	Resistor 180 5% 0.25W SM1206	51/3380/0180
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 SM1206	51/3380/010K
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 6K8 5% 0.25W Axial	51/1040/06K8
R45	Resistor 10K 5% 0.25W Axial	51/1040/010K
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 10M 5% 0.25W Axial	51/1040/010M
R74	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R75	Resistor 4K7 5% 0.25W Axial	51/1040/04K7

Ref.	Description	Part Number
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
R93	Resistor 100 5% 0.25W SM1206	51/3380/0100
R94	Resistor 1K8 5% 0.25W Axial	51/1040/01K8
R95	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R97	Resistor 4K7 5% 0.25W SM1206	51/3380/04K7
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 390 5% 0.25W Axial	51/1040/0390
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 10R 5% 0.25W SM1206	51/3380/0010
R122	Resistor 10K 5% 0.25W SM1206	51/3380/010K
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 4K7 5% 0.25W SM1206	51/3380/04K7
R131	Resistor 1K0 5% 0.25W SM1206	51/3380/01K0
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
R140	Resistor 47K 5% 0.25W Axial	51/1040/047K
R141	Resistor 10K 5% 0.25W SM1206	51/3380/010K
R142	Resistor 1K0 5% 0.25W SM1206	51/3380/01K0
R143	Resistor 22R 5% 0.25W SM1206	51/3380/0022
R144	Resistor 10K 5% 0.25W SM1206	51/3380/010K

Ref.	Description	Part Number
R145	Resistor 47K 5% 0.25W SM1206	51/3380/047K
R146	Resistor 3K3 5% 0.25W SM1206	51/3380/03K3
R147	Resistor 100 5% 0.25W SM1206	51/3380/0100
R148	Resistor 2K7 5% 0.25W SM1206	51/3380/02K7
R149	Resistor 100K 5% 0.25W SM1206	51/3380/100K
R150	Resistor 1K0 5% 0.25W SM1206	51/3380/01K0
R151	Resistor 47K 5% 0.25W SM1206	51/3380/047K
R152	Resistor 220 5% 0.25W SM1206	51/3380/0220
R153	Resistor 1K0 5% 0.25W Axial	51/1040/01K0
R154	Resistor 470K 5% 0.25W SM1206	51/3380/470K
R155	Resistor 6R8 5% 0.25W SM1206	51/3380/06R8
R156	Resistor 10 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 Multiturn Horizontal	53/2060/010K
S1	Switch PSH BTN SPDT & Capacitor	31/0005/E121
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 SO16SP	26/2000/1501
U7	IC Quad OP Amplifier TLC274	25/2050/274C
U8	IC Dual Field Effect Transistor 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
Y1	Crystal 8.0MHz	32/2049/08M0
Y2	Crystal 5.0MHz	32/2049/05M0
Y3	Crystal, 12.8MHZ HC-49U	32/2049/12M8

Optional Parts for T70 only

C22, C98	Capacitor 4P7 5% 63V NPO SM1206	46/3300/04P7
C124	Capacitor 75P 5% 63V NPO SM1206	46/3300/075P
R92	Resistor 270 5% 0.25W SM1206	51/3380/0270
R96	Resistor 270 5% 0.25W SM1206	51/3380/0270
R98	Resistor 33R 5% 0.25W SM1206	51/3380/0033
R139	Resistor 1K0 5% 0.25W Axial	51/1040/01K0

Optional Parts for T150(A&B) only

C22	Capacitor 15P 5% 63V NPO SM1206	46/3300/015P
C98	Capacitor 4P7 5% 63V NP0 SM1206	46/3300/04P7
C124	Capacitor 47P 5% 63V NPO SM1206	46/3300/033P
D29	Diode V Capacitor MMBV109 SOT23	21/3060/V109
D30	Diode V Capacitor MMBV109 SOT23	21/3060/V109
R92	Resistor 180 5% 0.25W SM1206	51/3380/0180
R96	Resistor 100 5% 0.25W SM1206	51/3380/0100
R98	Resistor 22R 5% 0.25W SM1206	51/3380/0022
R139	Resistor 4K7 5% 0.25W Axial	51/1040/04K7

Ref.	Description	Part Number
Helical Filter (Reference Designator L15)		
T70	10mm Shielded, 5.5 Turn Ferrite Core	37/2021/0185
T150A	10mm Shielded, 2.5 Turn Aluminium Core	37/2022/1111
T150B	10mm Shielded, 1.5 Turn Ferrite Core	37/2021/0310

Ref.	Description	Part Number
T70x/T150xx Power Amplifier Assembly Common Parts		
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
C12	Capacitor 10U 35V RAD Electro	41/2001/010U
C13	Capacitor 10U 35V RAD Electro	41/2001/010U
C14	Capacitor 22N 5% 63V MKT RAD.2	47/2010/022N
C15	Capacitor 1N0 5% 100V NPO RAD.2	46/2000/01N0
C18	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C20	Capacitor 10U 35V RAD Electro	41/2001/010U
C21	Capacitor 1N0 5% 100V NPO RAD.2	46/2000/01N0
C23	Capacitor 1N0 5% 100V NPO RAD.2	46/2000/01N0
C24	Capacitor 1N0 5% 100V NPO RAD.2	46/2000/01N0
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
C30	Capacitor 1N0 5% 63V NPO SM1206	46/3300/01N0
C31	Capacitor 100N 10% 50V X7R RD.2	46/2001/100N
C32	Capacitor 1N0 5% 100V NPO RAD.2	46/2000/01N0
D1	Diode SHTKY BAT17 SOT23	21/3030/0017
D2	Diode SHTKY BAT17 SOT23	21/3030/0017
D3	Diode Silicon 1N4148	21/1010/4148
D4	Diode Silicon 1N4148	21/1010/4148
J2	Connector Coax SMB PCB HORZ	35/2001/0001
L5	Inductor 3U3 10% Choke SM1008	37/3320/03U3
L6	Inductor 6 Hole Ferrite RFC	37/1021/0001
L7	Inductor 6 Hole Ferrite RFC	37/1021/0001
P1	Connector 16 Way Horizontal Shroud Header	35/2503/0016
Q2	Transistor RF NPN MRF5812 SO8	27/3020/5812
Q3	Transistor GP PNP 1A MPSW51,A	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
R4	Resistor 100R 5% 0.25W Axial	51/1040/0100
R5	Resistor 220 5% 0.25W SM1206	51/3380/0220
R7	Resistor 47K 5% 0.25W Axial	51/1040/047K
R11	Resistor 1K 5% 0.25W Axial	51/1040/01K0
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
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
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
R29	Resistor 10K 5% 0.25W Axial	51/1040/010K
R30	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R33	Resistor 10R 5% 0.25W Axial	51/1040/0010

Ref.	Description	Part Number
RT1	Thermistor	54/0400/0080
RV1	Trimpot 10K 1 Turn Vertical	53/1020/010K
U1	IC Quad OP Amplifier MC3403P	25/1050/3403

T70x Power Amplifier Parts

C8	Capacitor 20P 500V Mica SM1210	48/3003/020P
C9	Capacitor 68P 500V Mica SM1210	48/3003/068P
C10	Capacitor 68P 500V Mica SM1210	48/3003/068P
C11	Capacitor 20P 500V Mica SM1210	48/3003/020P
C16	Capacitor 1N0 5% 63V NPO 1206	46/3300/01N0
C17	Capacitor 1N0 5% 63V NPO 1206	46/3300/01N0
C25	Capacitor 18P 5% 63V NPO SM1206	46/3300/018P
C26	Capacitor 18P 5% 63V NPO SM1206	46/3300/018P
L1	Inductor Moulded 9.5 Turn	37/2021/0009
L2	Inductor Moulded 9.5 Turn	37/2021/0009
L3	Inductor Moulded 9.5 Turn	37/2021/0009
L4	Ferrite Bead	37/1022/0001
L8	Inductor Moulded 9.5 Turn	37/2021/0009
L9	Inductor Moulded 9.5 Turn	37/2021/0009
L10	Inductor Moulded 6.5 Turn	37/2021/0006
L11	Inductor Moulded 6.5 Turn	37/2021/0006
R10	Resistor 33 5% 0.25W Axial	51/1040/0033
R12	Resistor 33 5% 0.25W Axial	51/1040/0033
R3	Resistor 33K 5% 0.25W Axial	51/1040/033K
R6	Resistor 33K 5% 0.25W Axial	51/1040/033K
R17	Resistor 2K7 5% 0.25W Axial	51/1040/02K7
R21	Resistor 33K 5% 0.25W Axial	51/1040/033K

T150xx Power Amplifier Parts

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
C16	Capacitor 100P 5% 63V NPO 1206	46/3300/100P
C17	Capacitor 100P 5% 63V NPO 1206	46/3300/100P
C25	Capacitor 10P 5% 63V NPO SM1206	46/3300/010P
C26	Capacitor 10P 5% 63V NPO SM1206	46/3300/010P
L1	Inductor Moulded 5.5 Turn	37/2021/0005
L2	Inductor Moulded 5.5 Turn	37/2021/0005
L3	Inductor Moulded 5.5 Turn	37/2021/0005
L4	Inductor Moulded 7.5 Turn	37/2021/0007
L8	Inductor Moulded 3.5 Turn	37/2021/0003
L9	Inductor Moulded 3.5 Turn	37/2021/0003
L10	Inductor Moulded 4.5 Turn	37/2021/0004
L11	Inductor Moulded 4.5 Turn	37/2021/0004
R3	Resistor 100K 5% 0.25W Axial	51/1040/100K
R6	Resistor 15K 5% 0.25W Axial	51/1040/015K
R10	Resistor 10 5% 0.25W Axial	51/1040/0010
R12	Resistor 33 5% 0.25W Axial	51/1040/0033
R17	Resistor 4K7 5% 0.25W Axial	51/1040/04K7
R21	Resistor 100K 5% 0.25W Axial	51/1040/100K
R31	Resistor 100 5% 0.25W SM1206	51/3380/0100
R32	Resistor 47R 5% 0.25W SM1206	51/3380/0047

Ref.	Description	Part Number
Module List, Position U2 for All Models (T70, T150A, T150B)		
T70	Amplifier 30W 66 - 88 MHz	18/0M67/7742
T150A	Amplifier 30W 135-160 MHz	18/0M67/741L
T150B	Amplifier 30W 150-174 MHz	18/0M67/741H