

B PA150 PARTS LIST

Ref.	Description	Part Number
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**NOTE - ALL COMPONENTS FOR WHICH REF IS ACCOMPANIED
WITH AN ASTERIX (*) ARE USED ONLY IN HIGH POWER MODELS (PA150XH)**

C1	CAP 10N 10% 50V X7R RAD.2	46/2001/010N
C2	CAP 4N7 5% 400V MKT RAD.2	47/2040/04N7
C3	CAP 10U 35V RAD ELECTRO	41/2001/010U
C4	CAP 10N 10% 50V X7R RAD.2	46/2001/010N
C5	CAP 1N0 5% 63V NPO SM1206	46/3300/01N0
C6	CAP 1N0 5% 63V NPO SM1206	46/3300/01N0
C7	CAP 100N 10% 50V X7R RAD.2	46/2001/100N
C8	CAP 10N 10% 50V X7R RAD.2	46/2001/010N
C14	CAP 6.8U 20% 25V SOLID AL	41/2225/06U8
C15	CAP 100N 10% 50V X7R RAD.2	46/2001/100N
C16	CAP 100N 10% 63V X7R 1206	46/3310/100N
C17	CAP 1N0 500V MICA SM2220	48/3003/01N0
C18	CAP 1N0 500V MICA SM2220	48/3003/01N0
C29*	CAP 6.8U 20% 25V SOLID AL	41/2225/06U8
C30*	CAP 100N 10% 50V X7R RAD.2	46/2001/100N
C31*	CAP 100N 10% 63V X7R 1206	46/3310/100N
C32*	CAP 1N0 500V MICA SM2220	48/3003/01N0
C33*	CAP 1N0 500V MICA SM2220	48/3003/01N0
C43*	CAP 12P 500V MICA SM1210	48/3003/012P
C44*	CAP 12P 500V MICA SM1210	48/3003/012P
C45*	CAP 12P 500V MICA SM1210	48/3003/012P
C46*	CAP 12P 500V MICA SM1210	48/3003/012P
C47*	CAP 12P 500V MICA SM1210	48/3003/012P
C48*	CAP 12P 500V MICA SM1210	48/3003/012P
C49*	CAP 12P 500V MICA SM1210	48/3003/012P
C50*	CAP 12P 500V MICA SM1210	48/3003/012P
C51	CAP 10P 5% 63V NPO SM 1206	46/3300/010P
C52	CAP 10P 5% 63V NPO SM1206	46/3300/010P
C53	CAP 1N0 5% 63V NPO SM1206	46/3300/01N0
C54	CAP 1N0 5% 63V NPO SM1206	46/3300/01N0
C55	CAP 1N0 5% 100V NPO RAD.2	46/2000/01N0
C56	CAP 1N0 5% 100V NPO RAD.2	46/2000/01N0
C57	CAP 1N0 5% 100V NPO RAD.2	46/2000/01N0
C58	CAP 1N0 5% 100V NPO RAD.2	46/2000/01N0
C59	CAP 1N0 5% 100V NPO RAD.2	46/2000/01N0
C60	CAP 1N0 5% 100V NPO RAD.2	46/2000/01N0
C61	CAP 1N0 5% 100V NPO RAD.2	46/2000/01N0
D1	DIODE SHTKY BAT17 SOT23	21/3030/0017
D2	DIODE SILICON 1N4148	21/1010/4148
D3	DIODE SHTKY BAT17 SOT23	21/3030/0017
L1	IND 1U0 10% CHOKE SM1206	37/3320/01U0
L2	INDUCTOR 1UH AXIAL	37/2021/001U
L3	FERRITE BEAD 3x4x1 4S2	37/1022/0001
L4	COIL AIR COR 7T 1.5P 6.35ID	37/1635/1507
L5	IND MOLDED 6.5 TURN	37/2021/0006
L6	IND MOLDED 6.5 TURN	37/2021/0006
L7*	INDUCTOR 1UH AXIAL	37/2021/001U
L8*	FERRITE BEAD 3x4x14S2	37/1022/0001

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L9*	COIL AIR CORE 7T 1.5P 6.35ID	37/1635/1507
L10*	IND MOLDED 6.5 TURN	37/2021/0006
L11*	IND MOLDED 6.5 TURN	37/2021/0006
L12	COIL AIR CORE 2T 2P 6.35ID	37/1400/1002
L13	COIL AIR CORE 2T 2P 6.35ID	37/1400/1002
L14	COIL AIR CORE 3T 2P 6.35ID	37/1635/2003
L15	COIL AIR CORE 3T 5P 6.35ID	37/1635/1503
L16	COIL AIR CORE 3T 2P 6.35ID	37/1635/2003
L17	INDUCTOR, MOULDED 7.5T	37/2021/0007
L18	INDUCTOR, MOULDED 7.5T	37/2021/0007
L19*	COIL AIR CORE 6T 1.5P 4D	37/1400/1006
L20*	COIL AIR CORE 6T 1.5P 4D	37/1400/1006
P1	6.35mm QC TAB VERT PCB MT	35/0635/0001
P3	6.35mm QC TAB VERT PCB MT	35/0635/0001
P4	CON 16WAY SHR'D HEADER	35/2502/0016
Q1	TRSTR GP PNP 2N3906 TO92	27/2010/3906
Q2	TRSTR GP NPN 2N3904 TO92	27/2020/3904
Q3	TRSTR GP NPN 2N3904 TO92	27/2020/3904
Q4	TRSTR NPN VHF RF MRF247	27/3020/MRF247
Q5*	TRSTR NPN VHF RF MRF247	27/3020/MRF247
R1	RES 220 5% 0.25W SM1206	51/3380/0220
R2	RES 220 5% 0.25W SM1206	51/3380/0220
R3	RES 220 5% 0.25W SM1206	51/3380/0220
R4	RES 220 5% 0.25W SM1206	51/3380/0220
R5	RES 47K 5% 0.25W AXIAL	51/1040/047K
R6	RES 100K 5% 0.25W AXIAL	51/1040/100K
R7	RES 1K0 5% 0.25W AXIAL	51/1040/01K0
R8	RES 47K 5% 0.25W AXIAL	51/1040/047K
R9	RES 100K 5% 0.25W AXIAL	51/1040/100K
R10	RES 1K0 5% 0.25W AXIAL	51/1040/01K0
R11	RES 100 5% 0.25W AXIAL	51/1040/0100
R12	RES 1M0 5% 0.25W AXIAL	51/1040/01M0
R13	RES 100K 5% 0.25W AXIAL	51/1040/100K
R14	RES 10K 5% 0.25W AXIAL	51/1040/010K
R15	RES 10K 5% 0.25W AXIAL	51/1040/010K
R16	RES 2K2 5% 0.25W AXIAL	51/1040/2K2
R17	RES 10K 5% 0.25W AXIAL	51/1040/010K
R18	RES 10K 5% 0.25W AXIAL	51/1040/010K
R19*	RES 100 OHM 40W RF	51/RF40/0100
R20*	RES 100 OHM 40W RF	51/RF40/0100
R21	RES 0.1 5% 10W ASW 10	51/0010/00R1
R22*	RES 0.1 5% 10W ASW 10	51/0010/00R1
R23	RES 10K 5% 0.25W AXIAL	51/1040/010K
R24	RES 270 5% 0.25W AXIAL	51/1040/0270
R25	RES 270 5% 0.25W AXIAL	51/1040/0270
R26	RES 680 5% 0.25W AXIAL	51/1040/0680
R27	RES 10K 5% 0.25W AXIAL	51/1040/010K
R28	RES 10K 5% 0.25W AXIAL	51/1040/010K
R29	RES 10K 5% 0.25W AXIAL	51/1040/010K
R30	RES 47K 5% 0.25W AXIAL	51/1040/047K
R31	RES 33K 5% 0.25W AXIAL	51/1040/033K
R32	RES 33K 5% 0.25W AXIAL	51/1040/033K

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Ref	Description	Part Number
R34	RES 220 5% 2W AXIAL	51/1052/0220
R35	RES 10 5% 0.25W AXIAL	51/1040/0010
R36	RES 10 5% 0.25W AXIAL	51/1040/0010
R37	RES 220 5% 2W AXIAL	51/1052/0220
R38*	RES 220 5% 2W AXIAL	51/1052/0220
R39*	RES 10 5% 0.25W AXIAL	51/1040/0010
R40*	RES 10 5% 0.25W AXIAL	51/1040/0010
R41*	RES 220 5% 2W AXIAL	51/1052/0220
R42*	RES 12R 5% 2W AXIAL	51/1052/0012
R43	RES 12R 5% 2W AXIAL	51/1052/0012
R50(P2)	RES 100 5% 0.25W AXIAL	51/1040/0100
RT1	THERMISTOR	54/0400/0080
RV1	TRIMPOT 10K 1 TURN VERT	53/1020/010K
RV2	TRIMPOT 10K 1 TURN VERT	53/1020/010K
U1	IC VOLT REG 78L08 TO 92M	25/2040/78L08
U2	IC QUAD OP AMP TLC274	25/2050/274C

PA150A 135-156 MHz Parts

These parts fitted to PA150A & AH

C9	CAP 160P 500V MICA SM1812	48/3003/160P
C10	CAP 160P 500V MICA SM1812	48/3003/160P
C12	CAP 120P 500V MICA SM1812	48/3003/120P
C13	CAP 27P 500V MICA SM1210	48/3003/027P
C19	CAP 68P 500V MICA SM1210	48/3003/068P
C20	CAP 68P 500V MICA SM1210	48/3003/068P
C21	CAP 510P 500V MICA SM1812	48/3003/510P
C22	CAP 330P 500V MICA SM1812	48/3003/330P
C23	CAP 270P 500V MICA SM1812	48/3003/270P
C39	CAP 39P 500V MICA SM1210	48/3003/039P
C40	CAP 39P 500V MICA SM1210	48/3003/039P
C41	CAP 10P 500V MICA SM1210	48/3003/010P
C42	CAP 12P 500V MICA SM1210	48/3003/012P

These additional parts used on PA150AH ONLY

C24*	CAP 160P 500V MICA SM1812	48/3003/160P
C25*	CAP 160P 500V MICA SM1812	48/3003/160P
C27*	CAP 120P 500V MICA SM1812	48/3003/120P
C28*	CAP 27P 500V MICA SM1210	48/3003/027P
C34*	CAP 68P 500V MICA SM1210	48/3003/068P
C35*	CAP 68P 500V MICA SM1210	48/3003/068P
C36*	CAP 510P 500V MICA SM1812	48/3003/510P
C37*	CAP 330P 500V MICA SM1812	48/3003/330P
C38*	CAP 270P 500V MICA SM1812	48/3003/270P

Ref	Description	Part Number
PA150B 154-174 MHz Parts		
These parts fitted to PA150B & BH		
C9	CAP 180P 500V MICA SM1812	48/3003/180P
C10	CAP 180P 500V MICA SM1812	48/3003/180P
C12	CAP 100P 500V MICA SM1812	48/3003/100P
C13	CAP 20P 500V MICA SM1210	48/3003/020P
C19	CAP 51P 500V MICA SM1210	48/3003/051P
C20	CAP 51P 500V MICA SM1210	48/3003/051P
C21	CAP 390P 500V MICA SM1812	48/3003/390P
C22	CAP 220P 500V MICA SM1812	48/3003/220P
C23	CAP 180P 500V MICA SM1812	48/3003/180P
C39	CAP 27P 500V MICA SM1210	48/3003/027P
C40	CAP 27P 500V MICA SM1210	48/3003/027P
C41	CAP 8P 500V MICA SM1210	48/3003/008P
C42	CAP 8P 500V MICA SM1210	48/3003/008P

These additional parts used on PA150BH ONLY

C11	CAP 160P 500V MICA SM1812	48/3003/160P
C24*	CAP 180P 500V MICA SM1812	48/3003/180P
C25*	CAP 180P 500V MICA SM1812	48/3003/180P
C26	CAP 160P 500V MICA SM1812	48/3003/160P
C27*	CAP 100P 500V MICA SM1812	48/3003/100P
C28*	CAP 20P 500V MICA SM1210	48/3003/020P
C34*	CAP 51P 500V MICA SM1210	48/3003/051P
C35*	CAP 51P 500V MICA SM1210	48/3003/051P
C36*	CAP 390P 500V MICA SM1812	48/3003/390P
C37*	CAP 220P 500V MICA SM1812	48/3003/220P
C38*	CAP 180P 500V MICA SM1812	48/3003/180P