

Bill of Materials
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BTR-800 PARTS LIST MAIN AUDIO

Quan	Type PATTERN	Value	Ref Designators
=====			
=====			
7	1DA U1, U25, U28, U35, U36, U37, BE-S08	LM833	U40
3	1DA BE-S08	LM833	U19, U29, U38
7	1DA U24, U3, U31, U33, U42, U46, BE-S08	LM393	U6
1	1DA	LM358	U47
2	2951 BE-S08	LP2951	U1103, U1104
1	2951_SPECIAL BE-S08	25LC640	U1115
1	34119N BE-S08	MC34119	U5
1	3DA BE-S08	LM833	U1
2	4053 BE-S016	VAL	U39, U4
6	4053A U11, U12, U13, U14, U15, U26 BE-S016	4053	
2	4053A BE-S016	4053	U16, U2
1	4053A BE-S016	4053	U17
1	4053A BE-S016	4053	U39
1	4053A BE-S016	4053	U4
1	4066	4066	U49

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Quan	Type PATTERN	Value	Ref Designators
=====			
=====			
	BE-S014		
11	4DA	LM833	
U18, U20, U21, U22, U27, U30,	BE-S08		U32, U34, U41, U43, U44
6	4DA	LM833	
U25, U28, U35, U36, U37, U40	BE-S08		
1	556	LM556	U7
	BE-S014		
2	575EC	SA575	U23, U45
	BE-SSOP20		
2	575EE	SA575	U10, U9
	BE-SSOP20		
2	78L	LM340S-5.0	U48, U8
29	AR	VAL	
U50, U51, U52, U53, U54, U55,			U56, U57, U58, U59, U60,
U61,			U62, U63, U64, U65, U66,
U67,			U68, U69, U70, U71, U72,
U73,			U74, U75, U76, U77, U78
27	C	10PF	
C10, C103, C110, C111, C112,	BE-0603		C42, C43, C44, C45, C48,
C114, C117, C120, C38, C39,			C50, C64, C66, C71, C74,
C49,			C80, C84, C85, C88, C89
C79,			
4	C	.022UF	C104, C129, C59, C75
	BE-0603		
2	C	390PF	C105, C76
	BE-0603		

2	C BE-0603	.0047UF	C106, C77
2	C BE-0603	.0015UF	C107, C78

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Quan	Type PATTERN	Value	Ref Designators
=====			
=====			
1	C	22PF	C1148
1	C BE-0603	.1UF	C1149
2	C BE-0603	22PF	C124, C54
2	C BE-0603	1500PF	C130, C60
5	C C131, C132, C19, C61, C62 BE-0603	.01UF	
4	C BE-0603	.001UF	C133, C17, C20, C63
8	C C140, C141, C142, C15, C4, BE-0603	100PF	C8, C93, C98
2	C BE-0603	56PF	C94, C99
20	CAP C1101, C1102, C1103, C1104, BE-0603 C1105, C1106, C1108, C1109, 113, 127, 140	.01UF	C1110, C1111, C1112, C1 C1115, C1116, C1119, C1 C1130, C1131, C1132, C1
2	CAP BE-0603	22PF	C1117, C1118

6 CAP C1120, C1122, C1124, C1133, BE-0603	0.1UF	C1135, C1137
2 CAP BE-0603	.047UF	C1121, C1134
4 CAP C1128, C1129, C1141, C1142 BE-1206	.47UF	

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Quan	Type PATTERN	Value	Ref Designators
=====			
====			
2	CAP BE-0603	22 PF	C1143, C1144
6	CAP C1151, C1152, C1153, C1154, BE-0603	.01	C1155, C1156
20	CE C1, C1107, C1114, C1123, BE-ST-A C1125, C1136, C1138, C122, 33, 7	10UF	C126, C2, C23, C26, C3, C C46, C47, C52, C56, C6, C
45	CE BE-ST-A C1139, C1145, C1146, C115, 137, C21, C41, C72, 92,	1UF	C100, C11, C1126, C113, C116, C121, C123, C125, C128, C13, C135, C136, C C138, C139, C145, C146, C147, C148, C151, C152, C24, C28, C31, C35, C40, C51, C53, C55, C58, C65, C73, C81, C86, C87, C9, C C97

2	CE RB.1/.27	100UF	C101, C95
2	CE RB.1/.27	22UF	C102, C96
2	CE	.1UF	C108, C109
7	CE C118, C119, C144, C67, C68, BE-ST-B	10UF	C90, C91
9	CE C12, C27, C30, C34, C37, C69, BE-ST-A	.1UF	C70, C82, C83
8	CE C127, C14, C25, C29, C32, BE-ST-A	2.2UF	C36, C5, C57
3	CE RB.200X.420	470UF	C134, C16, C22

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Quan	Type PATTERN	Value	Ref Designators
3	CE	1UF	C143, C149, C150
1	CE BE-AE8	100UF	C18
1	CRYSTAL XTAL-HC-18/USID	4MHZ	Y1101
1	CRYSTAL XTAL-HC-18/USID	24.576MHZ	Y1102
1	CV BE-VC-MURATA	5-20PF	VC1101
1	D BE-S0T23	TMPD4148	D1
1	D BE-S0T23	TMBD4148	D11

1	D BE-SMC	SK34	D2
2	D BE-MLL41	DL4004	D7, D8
1	DD2 BE-S0T23	BAV99	D9
1	DD56 BE-S0T23	BAW56	D10
2	DD70 BE-S0T23	BAV70	D5, D6
1	DZ BE-S0T23	5.1V	D1101
1	DZ BE-S0T23	BZX84C5V1	D3
1	DZ	MMBZ5240	D4

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Quan	Type PATTERN	Value	Ref Designators
=====			
=====			
	BE-S0T23		
2	E	VAL	E1, E2
2	E PAD050	VAL	E1101, E1107
40	FB	VAL	
FB1, FB10, FB11, FB12, FB13,	BE-0805		FB14, FB15, FB16, FB17, FB18, FB19, FB2, FB20, F
B21,			FB22, FB23, FB24, FB25, FB26, FB27, FB28, FB29,
FB3,			FB30, FB31, FB32, FB33, FB34, FB35, FB36, FB37, FB38, FB39, FB4, FB40, F
B5,			FB6, FB7, FB8, FB9
1	JH	J10-2	J10

JACK-RJ11

1	JH JACK-RJ11	J5-2	J5
1	JMPR BE-0603	VAL	JM1101
3	JX3F XLR-NC3FAH-FEMA	VAL	J3, J6, J8
4	JX3M XLR-NC3MAH-MALE	VAL	J2, J4, J7, J9
1	KDD RELAY-G5V-2	VAL	K2
1	KSD RELAY-G5V-2	VAL	K1
2	LA BE-IND-5022	100UH	L1, L2
3	M4-32/32-10JC		U1110, U1111, U1112

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BTR-800 PARTS LIST

Quan	Type PATTERN	Value	Ref Designators
=====			
=====			
44-PIN-PLCC			
2	MOLEX14M MOLEX14	VAL	J1105, J1106
1	MOLEX20W MOLEX20	VAL	J1102
1	MOLEX5W MOLEX5	VAL	J1113
1	MOLEX8W MOLEX8	VAL	J1108
1	NC7S32A	NC7S32	U1113
1	P MOLEX4	J1-1	J1
2	P	VAL	J11, J12

	PAD100		
1	P BSW107S	VAL	J1114
1	P JACK-6401051	J13	J13
1	P CONN-WIELAND	VAL	J14
1	P MOLEX2	J15	J15
1	P	VAL	P1114
7	P P13, P14, P16, P22, P23, P24, MOLEX5	VAL	P25
1	P	VAL	P15

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Quan	Type PATTERN	Value	Ref Designators
=====			
1	P MOLEX5	P17	P17
1	P MOLEX12	VAL	P18
1	P PAD100	P19	P19
1	P MOLEX4	VAL	P20
1	P MOLEX2	VAL	P21
4	P MOLEX3	VAL	P26, P27, P28, P29
1	P	VAL	P30

1	P PAD100	P31	P31
1	POT POT-PIHER	20K	VR1101
15	QNEBC Q10, Q11, Q12, Q13, Q14, Q17, BE-S0T23 Q18, Q19, Q2, Q3, Q4, Q5, Q6,	MMBT3904	
			Q7, Q9
1	QNEBC	MMBT3904	Q1101
1	QNT BE-S0T23	ZVN4106	Q16
1	QPEBC BE-S0T23	MMBT3906	Q1
1	QPT BE-T0252AA	IRFR9024N	Q15

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Quan	Type PATTERN	Value	Ref Designators
=====			
=====			
1	QPT BE-T0252	IRFR9024N	Q8
7	R BE-0603	1K	R1, R10, R1119, R1120, R1121, R1122, R242
98	R BE-0603	10K	R100, R101, R102, R103, R104, R107, R109, R1118, R113, R118, R120, R121, R123, R124, R136, R141, R143, R144, R154, R155, R156, R16, R162, R163, R 164, 9, 201, 214,
			R166, R17, R18, R187, R1 R197, R199, R20, R200, R R207, R209, R21, R210, R R215, R22, R220, R221, R

222,			R225, R227, R23, R231, R
24,			R245, R246, R249, R253,
			R254, R27, R28, R29, R35
,			R36, R45, R49, R5, R53, R
57,			R59, R60, R61, R62, R63,
R64,			R65, R66, R67, R68, R72,
R73,			R74, R75, R76, R77, R78,
R79,			R80, R81, R82, R83, R84,
R85,			R86, R87, R88, R9, R93, R
94,			R95, R96, R97
	2	R BE-0603	649 R105, R223
	2	R BE-1206	47.5K R106, R224
	4	R BE-0603	1.5K R108, R226, R40, R42
	14	R	39.2K
R11, R129, R13, R130, R145,		BE-0603	R147, R150, R151, R157, R159, R192, R193, R202, R204
	2	R	33.2K R110, R228

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Quan	Type	Value	Ref Designators
PATTERN			
=====			
=====			
	BE-1206		
1	R BE-0603	27K	R1108
2	R BE-0603	15K	R1109, R1111
3	R	26.7K	R111, R229, R4

BE-0603			
1	R BE-0603	7.2K	R1110
1	R	10K	R1114
1	R	1K	R1115
1	R BE-2010	10 OHM	R1116
4	R BE-0603	56.2K	R112, R114, R230, R232
3	R BE-0603	2.21K	R115, R233, R8
4	R BE-0603	4.75K	R116, R119, R208, R234
6	R R117, R139, R190, R235, R37, BE-0603	6.81K	R39
8	R R12, R133, R146, R152, R153, BE-0603	22.1K	R158, R181, R203
4	R BE-0603	47.5K	R122, R175, R186, R213
10	R BE-0603 R178, R185, R216, R217, R89,	301	R125, R126, R167, R168,

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BTR-800 PARTS LIST			
Quan	Type PATTERN	Value	Ref Designators
=====			
=====			
			R90
30	R R127, R128, R14, R148, R149, BE-0603 R15, R160, R161, R169, R170,	100K	R171, R172, R205, R206, R211, R212, R218, R219,

250,			R243, R247, R248, R25, R
R91,			R251, R252, R26, R3, R7,
			R92
	4	R BE-0603	4.99K R131, R132, R194, R195
	9	R BE-0603	20K R134, R173, R174, R176,
R179, R180, R183, R184, R70			
	2	R BE-1206	3.32K R135, R196
	2	R BE-0603	3.92K R137, R188
	2	R BE-0603	7.68K R138, R189
	2	R BE-0603	18.7K R140, R191
	5	R BE-1206	10K R142, R165, R198, R98, R99
	2	R BE-0603	121 R177, R182
	1	R BE-0603	18.2K R2
	6	R BE-0603	0 R236, R237, R238, R239, R240, R241
	2	R BE-0603	182K R244, R6

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BTR-800 PARTS LIST			
Quan	Type PATTERN	Value	Ref Designators
=====			
1	R BE-0603	0 OHM	R255
3	R	49.9K	R256, R257, R69

	BE-0603		
1	R BE-0603	3.01K	R30
1	R BE-0603	75K	R31
2	R BE-0603	10	R32, R33
2	R BE-0603	8.25K	R34, R41
1	R BE-2010	330	R38
1	R BE-0603	100	R43
4	R BE-0603	68.1K	R46, R50, R54, R58
1	R BE-0603	30.1K	R71
1	RES BE-0603	10K	R1101
7	RES R1102, R1103, R1104, R1105, BE-0603	4.75K	R1106, R1107, R1117
3	RES BE-0603	1K	R1123, R1124, R1125
1	RVA RV-57212	1K	VR1
2	RVA	5K	VR2, VR3

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Quan	Type PATTERN	Value	Ref Designators
=====			
=====			
	RV-57212		
1	S63 SW-MSS-6P3T	VAL	S1

1	SDDB	S2	S2
1	SDIP	S2	S2
2	SDIP	VAL	S3, S4
2	TLV320AIC27 FLATPACK-48-PIN	TLV320AIC27	U1105, U1107
1	TLV0834-14PIN	TLV0834	U1114
1	TMS320VC5402 TQFP-144	TMS320VC5402	U1106
158	TP TP1, TP10, TP100, TP101, PAD050 TP102, TP103, TP104, TP105, 11, 115, 119, 22, 126, 13, 133, 137, 40, 144, 148, 51, 155, 159, 62, P20,		TP106, TP108, TP109, TP TP110, TP111, TP114, TP TP116, TP117, TP118, TP TP12, TP120, TP121, TP1 TP123, TP124, TP125, TP TP127, TP128, TP129, TP TP130, TP131, TP132, TP TP134, TP135, TP136, TP TP138, TP139, TP14, TP1 TP141, TP142, TP143, TP TP145, TP146, TP147, TP TP149, TP15, TP150, TP1 TP152, TP153, TP154, TP TP156, TP157, TP158, TP TP16, TP160, TP161, TP1 TP17, TP18, TP19, TP2, T TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28,

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BTR-800 PARTS LIST

Quan	Type PATTERN	Value	Ref Designators
=====			
====			
			TP29, TP3, TP30, TP31, T
P32,			TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP4, T
P40,			TP41, TP42, TP43, TP44, TP45, TP46, TP47, TP48, TP49, TP5, TP50, TP51, T
P52,			TP53, TP54, TP55, TP57, TP58, TP59, TP6, TP60, T
P61,			TP62, TP63, TP64, TP65, TP66, TP67, TP68, TP69,
TP7,			TP70, TP71, TP72, TP73, TP74, TP75, TP76, TP77, TP78, TP79, TP8, TP80, T
P81,			TP82, TP83, TP84, TP85, TP86, TP87, TP88, TP89,
TP9,			TP90, TP91, TP92, TP93, TP94, TP95, TP96, TP97, TP98, TP99
4 TP			
TP107, TP112, TP113, TP56			
1 TP			TP163
TP050			
2 TT		VAL	T1, T2
XFMR-730094			
1 ZSM330-S08		ZSM330	U1101
BE-S08			

Total Parts: 877

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BTR-800 PARTS LIST FRONT PANEL

Quan	Type	Value	Ref Designators
=====			
3	7404	74AC04	U901, U902, U903
6	D	TMPD4148	D901, D902, D903, D904, D905, D906
6	DLD	VAL	DS901, DS902, DS903, DS904, DS905, DS912
6	LED	VAL	DS906, DS907, DS908, DS909, DS910, DS911
6	NPN-EBC	VAL	Q901, Q902, Q903, Q904, Q905, Q906
1	P	VAL	P901
1	P	VAL	P902
1	P	VAL	P903
4	P	VAL	P913, P914, P915, P916
8	POT	VAL	VR901, VR902, VR903, VR904, VR905, VR906, VR907, VR 908
12	RES	150	R901, R902, R903, R904, R905, R907, R909, R911, R913, R915, R917, R918
6	RES	1500	R906, R908, R910, R912, R914, R916
13	SPB	VAL	S901, S902, S903, S904, S905, S906, S907, S908, S909, S910, S911, S912, S913
53	TP		TP901, TP902, TP903, TP904, TP905, TP906, TP907, TP 908,

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BTR-800 PARTS LIST FRONT PANEL

Quan	Type	Value	Ref Designators
=====			
=====			
			TP909, TP910, TP911, TP
912,			TP913, TP914, TP915, TP
916,			TP917, TP918, TP919, TP
920,			TP921, TP922, TP923, TP
924,			TP925, TP926, TP927, TP
928,			TP929, TP930, TP931, TP
932,			TP933, TP934, TP935, TP
936,			TP950, TP951, TP952, TP
953,			TP954, TP955, TP956, TP
957,			TP958, TP959, TP960, TP
961,			TP962, TP963, TP964, TP
965,			TP966

Total Parts: 126

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
=====			
=====			
5	13143	MC13143	U303, U403, U503, U603, U703
4	604	NE614D	U404, U504, U604, U704
4	7025	TRF2050	U402, U502, U602, U702
1	74F164	74HC164	U304
8	7DA	LMV821	U405, U407, U505, U507, U605, U607, U705, U707
4	AR	VAL	U1, U2, U3, U4
87	C	.1UF	C330, C336, C343, C430, C432, C434, C435, C439, C444, C456, C458, C464, C466, C467, C468, C470, C471, C472, C474, C478, C484, C486, C487, C489, C530, C532, C534, C535, C539, C544, C556, C558, C564, C566, C567, C568, C570, C571, C572, C574, C578, C584, C586, C587, C589, C630, C632, C634, C635, C639, C644, C656, C658, C664, C666, C667, C668, C670, C671, C672, C674, C678, C684, C686, C687, C689, C730, C732, C734, C735, C739, C744, C756, C758, C764, C766, C767, C768, C770, C771, C772, C774, C778, C784, C786, C787, C789
36	C	100PF	C332, C333, C335, C337, C402, C414, C417, C429, C455, C457, C459, C461,

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=====			
=====			
			C502, C514, C517, C529, C555, C557, C559, C561, C602, C614, C617, C629, C655, C657, C659, C661, C702, C714, C717, C729, C755, C757, C759, C761
15	C	.001UF	C334, C344, C346, C436, C451, C460, C536, C551, C560, C636, C651, C660, C736, C751, C760
2	C	82PF	C338, C342
3	C	47PF	C339, C340, C341
1	C	.0047UF	C345
4	C	3PF	C347, C348, C349, C473
2	C	27PF	C351, C352
16	C	39PF	C401, C413, C416, C428, C501, C513, C516, C528, C601, C613, C616, C628, C701, C713, C716, C728
24	C	12PF	C403, C410, C418, C425, C441, C453, C503, C510, C518, C525, C541, C553, C603, C610, C618, C625, C641, C653, C703, C710, C718, C725, C741, C753
20	C	6.8PF	C404, C409, C419, C424, C440, C504, C509, C519, C524, C540, C604, C609, C619, C624, C640, C704, C709, C719, C724, C740

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=====			
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88	C	.01UF	C405, C406, C411, C412, C415, C420, C421, C426, C427, C431, C433, C442, C443, C446, C447, C454, C465, C475, C482, C485, C488, C491, C505, C506, C511, C512, C515, C520, C521, C526, C527, C531, C533, C542, C543, C546, C547, C554, C565, C575, C582, C585, C588, C591, C605, C606, C611, C612, C615, C620, C621, C626, C627, C631, C633, C642, C643, C646, C647, C654, C665, C675, C682, C685, C688, C691, C705, C706, C711, C712, C715, C720, C721, C726, C727, C731, C733, C742, C743, C746, C747, C754, C765, C775, C782, C785, C788, C791
8	C	1.2PF	C407, C422, C507, C522, C607, C622, C707, C722
8	C	820PF	C408, C423, C508, C523, C608, C623, C708, C723
4	C	3.3PF	C437, C537, C637, C737
4	C	10PF	C445, C545, C645, C745
8	C	150PF	C448, C449, C548, C549, C648, C649, C748, C749
4	C	2700PF	C452, C552, C652, C752
4	C	15PF	C462, C562, C662, C762

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
=====	=====	=====	=====
4	C	62PF	C463, C563, C663, C763
4	C	.0018UF	C476, C576, C676, C776
8	C	.047UF	C479, C480, C579, C580, C679, C680, C779, C780
4	C	2200PF	C483, C583, C683, C783
1	C	3.0PF	C573
2	C	3.0PF	C673, C773
4	CE	10UF	C438, C538, C638, C738
4	CE	100UF	C450, C550, C650, C750
12	CE	1UF	C469, C477, C481, C569, C577, C581, C669, C677, C681, C769, C777, C781
1	CF	100PF	C326
1	COAX-CONNECTOR	VAL	J301
40	DIODE	MMBV3401	D401, D402, D403, D404, D405, D406, D407, D408, D409, D410, D501, D502, D503, D504, D505, D506, D507, D508, D509, D510, D601, D602, D603, D604, D605, D606, D607, D608, D609, D610, D701, D702, D703, D704, D705, D706,

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
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			D707, D708, D709, D710
4	DIODE	TMPD914	D412, D512, D612, D712
12	IFFILTER	10.7	
FL401, FL402, FL403, FL501,			FL502, FL503, FL601, FL
602,			FL603, FL701, FL702, FL
703			
1	JC	VAL	TP305
1	JH	J401-1	J401
1	JH	J501-1	J501
1	JH	J601-1	J601
1	JH	J701-1	J701
1	JH	P308	P308
1	JH	P309	P309
1	LA	2.2UH	L312
40	LA	5.6UH	L401, L402, L405, L406, L407, L408, L411, L412, L413, L414, L501, L502, L505, L506, L507, L508, L511, L512, L513, L514, L601, L602, L605, L606, L607, L608, L611, L612, L613, L614, L701, L702, L705, L706, L707, L708, L711, L712, L713, L714

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
=====			
4	LA	120NH	L416, L516, L616, L716
4	LA	39UH	L417, L517, L617, L717
4	LA	1MH	L419, L519, L619, L719
2	LVA	120NH	L309, L311
1	LVA	58NH	L310
16	LVA	130NH	L403, L404, L409, L410, L503, L504, L509, L510, L603, L604, L609, L610, L703, L704, L709, L710
4	LVA	159NH	L415, L515, L615, L715
4	LVC	4.7UH	L418, L518, L618, L718
4	MMIC-MAV11	MAV-11	U401, U501, U601, U701
1	MOLEX-XXW	J302	J302
1	MOLEX4H	VAL	J311
4	NC7SZ66	NC7SZ66	U406, U506, U606, U706
8	NPN-BCCE	BFG540	Q403, Q404, Q503, Q504, Q603, Q604, Q703, Q704
1	NPN-EBC	NE46134	Q304

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
=====			

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4	NPN-EBC	FMMT5179	Q405, Q505, Q605, Q705
4	NPN-EBC	MMBT3904	Q406, Q506, Q606, Q706
1	P	J303	J303
1	P	J304	J304
1	P	J305	J305
1	P	J306	J306
1	P	VAL	J310
1	P	J402-1	J402
1	P	J502-1	J502
1	P	J602-1	J602
1	P	J702-1	J702
1	P	P307	P307
1	P	P312	P312
12	PNP-EBC	MMBT3906	Q401, Q402, Q407, Q501, Q502, Q507, Q601, Q602, Q607, Q701, Q702, Q707
4	POT	10K	
VR401, VR501, VR601, VR701			

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
=====			

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4	QNEBC	FMMT5179	Q408, Q508, Q608, Q708
4	R	39	R463, R563, R663, R763
8	R	2.2K	R464, R466, R564, R566, R664, R666, R764, R766
4	R	470	R465, R565, R665, R765
4	R	180K	R467, R567, R667, R767
10	RES	51	R314, R315, R432, R433, R532, R533, R632, R633, R732, R733
18	RES	1K	R316, R319, R435, R442, R452, R456, R535, R542, R552, R556, R635, R642, R652, R656, R735, R742, R752, R756
5	RES	560	R317, R434, R534, R634, R734
2	RES	820	R318, R321
1	RES	390	R320
1	RES	2.2	R322
1	RES	27	R323
3	RES	274	R324, R325, R326

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
=====	=====	=====	=====
=====	=====	=====	=====

48	RES	470	R401, R402, R407, R408, R412, R413, R414, R415, R421, R422, R428, R439, R501, R502, R507, R508, R512, R513, R514, R515, R521, R522, R528, R539, R601, R602, R607, R608, R612, R613, R614, R615, R621, R622, R628, R639, R701, R702, R707, R708, R712, R713, R714, R715, R721, R722, R728, R739
20	RES	2.2K	R403, R404, R438, R440, R454, R503, R504, R538, R540, R554, R603, R604, R638, R640, R654, R703, R704, R738, R740, R754
12	RES	47K	R405, R406, R462, R505, R506, R562, R605, R606, R662, R705, R706, R762
8	RES	150	R409, R411, R509, R511, R609, R611, R709, R711
8	RES	39	R410, R441, R510, R541, R610, R641, R710, R741
8	RES	43	R416, R417, R516, R517, R616, R617, R716, R717
4	RES	18K	R418, R518, R618, R718
4	RES	43K	R419, R519, R619, R719
4	RES	110	R420, R520, R620, R720
8	RES	1.5K	R423, R430, R523, R530, R623, R630, R723, R730

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
====			
4	RES	680	R424, R524, R624, R724

4	RES	270	R425, R525, R625, R725
4	RES	82K	R426, R526, R626, R726
4	RES	2.7K	R427, R527, R627, R727
4	RES	51K	R429, R529, R629, R729
4	RES	510	R431, R531, R631, R731
4	RES	180K	R437, R537, R637, R737
8	RES	430	R443, R444, R543, R544, R643, R644, R743, R744
4	RES	8.2K	R445, R545, R645, R745
4	RES	39K	R446, R546, R646, R746
4	RES	5.6K	R447, R547, R647, R747
4	RES	15K	R448, R548, R648, R748
12	RES	220K	R449, R450, R451, R549, R550, R551, R649, R650, R651, R749, R750, R751
8	RES	100K	R453, R455, R553, R555, R653, R655, R753, R755

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BTR-800 PARTS LIST MAIN RECEIVER

Quan	Type	Value	Ref Designators
=====			
====			
4	RES	68	R457, R557, R657, R757
4	RES	330K	R458, R558, R658, R758

4	RES	10K	R459, R559, R659, R759
4	RES	68K	R460, R560, R660, R760
4	RES	1M	R461, R561, R661, R761
4	RES03	820	R436, R536, R636, R736
4	RVA VR402, VR502, VR602, VR702	10K	
3	TB5F	458DS-1014	T302, T303, T304
1	TDBM	458PT-1113	T301
4	TDBMV	VAL	T401, T501, T601, T701
16	TESTPOINT TP401, TP402, TP403, TP404, 504, 604, 704	VAL	TP501, TP502, TP503, TP TP601, TP602, TP603, TP TP701, TP702, TP703, TP
4	VARICAP	SMV1145-079	D411, D511, D611, D711

Total Parts: 923

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BTR-800 PARTS LIST COMBINER

Quan	Type	Value	Ref Designators
=====			
2	7185	MHW7182	U1001, U1002
1	C	.01UF	C1001
2	C	.001UF	C1002, C1004
1	C	8.2PF	C1006
1	C	10PF	C1007
2	CE	1UF	C1003, C1005
1	CV	2-6PF	VC1001
1	D	DL4004	D1001
2	E		E1001, E1002
2	FL-EXC	EXCCET470U	FL1001, FL1002
3	JC	VAL	J1001, J1002, J1003
1	LA	12NH	L1001
2	R	63.4	R1001, R1003
2	R	162	R1002, R1004
1	R	270	R1005

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BTR-800 PARTS LIST COMBINER

Quan	Type	Value	Ref Designators
1	TCQT	VAL	T1001

Total Parts: 25

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BTR-800 PARTS LIST TRANSMIT BOARD

Quan	Type	Value	Ref Designators
=====			
2	7025	TRF2050	U802, U803
1	78L	TC55RP500	U801
28	C	.001UF	C803, C804, C808, C810, C814, C817, C818, C819, C821, C823, C825, C827, C828, C830, C837, C839, C842, C844, C848, C851, C852, C853, C855, C857, C859, C861, C862, C864
8	C	.1UF	C805, C806, C807, C838, C840, C841, C869, C870
2	C	10PF	C811, C845
4	C	5.6PF	C813, C833, C847, C867
2	C	3.9PF	C815, C849
2	C	12PF	C816, C850
2	C	1.5PF	C820, C854
6	C	100PF	C822, C829, C834, C856, C863, C868
6	C	3.3PF	C824, C826, C832, C858, C860, C866
2	C	1PF	C831, C865
4	CE	1UF	C801, C802, C835, C836

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BTR-800 PARTS LIST TRANSMIT BOARD

Quan	Type	Value	Ref Designators
=====			
2	CE	4.7UF	C809, C843
4	CE	10UF	C812, C846, C871, C872
2	DD2	BAV99	D801, D802
4	FB	VAL	
FB801, FB802, FB803, FB804			
2	JC	VAL	J803, J804
12	LA	.27UH	L801, L802, L803, L804, L807, L808, L811, L812, L813, L814, L817, L818
2	LA	8NH	L805, L815
2	LA	22NH	L806, L816
2	LA	27NH	L809, L819
2	LA	12NH	L810, L820
1	P	J801-1	J801
1	P	J802-1	J802
2	QN2212	MMUN2212	Q806, Q815
8	QNDE	BFG540X	Q802, Q803, Q807, Q809, Q811, Q812, Q816, Q818
2	QP2112	MMUN2112	Q805, Q814

BTR-800 PARTS LIST TRANSMIT BOARD

Quan	Type	Value	Ref Designators
=====			
=====			
4	QPEBC	MMBT3906	Q804, Q808, Q813, Q817
2	QPT	VP0610	Q801, Q810
2	R	0	R801, R824
4	R	22.1K	R802, R811, R825, R833
2	R	221K	R803, R826
6	R	10K	R804, R818, R819, R827, R840, R841
18	R	475	R805, R828, R851, R852, R853, R854, R855, R856, R857, R858, R859, R860, R861, R862, R863, R864, R865, R866
4	R	4.75K	R806, R822, R829, R844
2	R	100K	R807, R816
4	R	47.5	R808, R810, R830, R832
2	R	221	R809, R831
2	R	100	R812, R834
2	R	22.1	R813, R835

BTR-800 PARTS LIST TRANSMIT BOARD

Quan	Type	Value	Ref Designators
=====			
2	R	6.81K	R814, R836
2	R	267	R815, R837
4	R	10	R817, R823, R839, R845
2	R	56.2	R820, R842
2	R	180	R821, R843
4	RS	100	R838, R847, R848, R850
2	RS	68.1	R846, R849
2	RVA	100	VR801, VR802
22	TP		
TP801, TP802, TP803, TP804,			TP805, TP806, TP807, TP
808,			TP809, TP810, TP811, TP
812,			TP813, TP814, TP815, TP
816,			TP817, TP818, TP819, TP
820,			TP821, TP822
2	VC0500	VAL	HY801, HY802

Total Parts: 215