



AMP MOD. I.F. FREQUENCY 455 KC.
FREQ. MOD. I.F. FREQUENCY 4.3 MC.
10 TUBE SUPERHETERODYNE
CHASSIS NO. 10A3 - A.C. - 4 BAND
ZENITH RADIO CORPORATION

Circuit Diagram

Models 10H551-10H571

Chassis No. 10A3

DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION	DIAG. NO.	PART NO.	DESCRIPTION			
C1	22-319	TWO-BAND VARIABLE	C30	22-188	.02 MFD.	400V	R17	63-296	220 M OHM	1/4 W	11	95-766	2ND I.F. TRANSFORMER (A.M.)	A6	412 I.F. TRANS. PRI. (F.M.)		
C2	22-1121	.005 MFD	200V	C31	22-1136	.00025 MFD	600V	R18	63-589	100 OHM	1/4 W	12	95-767	1ST I.F. SEC. (F.M.)	B4	412 I.F. SEC. (F.M.)	
C3	22-827	.1 MFD	200V	C32	22-830	.02 MFD	600V	R19	63-679	82 M OHM	1/4 W	13	95-768	2ND I.F. (F.M.)	E	22-1015	WAVE-TRAP
C4	22-829	.05 MFD	200V	C33	22-448	.004 MFD	600V	R20	63-71	1 MEG OHM	1/4 W	14	95-769	3RD I.F. (F.M.)	F	BROADCAST OSC. NOTE 1	
C5	22-1123	5 MFD ELECTROLYTIC	300V	C34	22-219	.03 MFD	600V	R21	63-652	100 M OHM	1/4 W	15	95-772	4TH I.F. (F.M.)	G	22-1042	BROADCAST ANTENNA
C6	22-243	.01 MFD	400V	C35	22-1134	.002 MFD	1000V	R22	63-160	100 M OHM	1/4 W	16	95-234	BAND SELECTOR SWITCH	H	22-688	BROADCAST PADDER
C7	22-162	.0001 MFD	400V	C36	22-1128	.02 MFD	600V	R23	63-576	68 OHM	1/4 W	17		AUTOMATIC TUNING UNIT (B.C.)	K	SHORTWAVE OSC. NOTE 1	
C8	22-825	.1 MFD	400V	C37	22-1129	.0005 MFD	1000V	R24	63-572	15 OHM	1/4 W	18		AUTOMATIC TUNING UNIT (F.M.)	L	ULTRA-HIGH FREQ. DET. (PLATE)	
C9	22-358	.002 MFD	600V	C38	22-1124	30 MFD. ELECTROLYTIC	450V	R25	63-713	180 M OHM	1/4 W	19	S9350	PEAKING COIL	M	POLICE BAND OSC. NOTE 1	
C10	22-826	.05 MFD	400V	C39	22-1041	.005 MFD	600V	R26	63-1074	VOLUME CONTROL	1/4 W	20	S8998	F.M. I.F. WAVE-TRAP	N	ULTRA-HIGH FREQ. DET. (GRID)	
C11	22-127	25 MMFD	600V					R27	63-593	47 M OHM	1/4 W	21		20-280 SPEAKER COMP. FILTER	P	ULTRA-HIGH FREQ. ANTENNA	
C12	22-1125	15 MFD ELECTROLYTIC	450V					R28	63-594	68 M OHM	1/4 W	22		228 I.F. - PRI. (A.M.)	Q		
C13	22-1125	15 MFD ELECTROLYTIC	250V	R1	63-741	150 OHM	1/4 W	R29	63-597	470 M OHM	1/4 W	23		228 I.F. - SEC. (A.M.)			
C15	22-956	.0005 MFD	600V	R2	63-600	2.2 MEG OHM	1/4 W	R31	63-156	10 M OHM	1/4 W	24		228 I.F. - SEC. (A.M.)			
C16	22-1143	25 MMFD	600V	R3	63-1139	39 M OHM	1/4 W	R32	63-1142	2 SECTION CAND OHM	1/4 W	25		228 I.F. - SEC. (A.M.)			
C17	22-289	50 M MFD	600V	R4	63-1163	2200 OHM	1/4 W	R33	63-717	100 M OHM	1/4 W			228 I.F. - SEC. (A.M.)			
C18	22-1138	.0005 MFD	600V	R5	63-605	1000 OHM	1/4 W	R34	63-589	10 M OHM	1/4 W			228 I.F. - SEC. (A.M.)			
C19	22-348	.001 MFD	600V	R6	63-595	100 M OHM	1/4 W	R35	63-701	470 OHM	1/4 W			228 I.F. - SEC. (A.M.)			
C20	22-1146	50 MMFD. COMP.	600V	R7	63-1164	300 OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C21	22-1139	50 MMFD. COMP.	600V	R8	63-713	47 M OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C22	22-868	COMPENSATING COND.	600V	R9	63-608	15 M OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C23	22-1049	DUAL PADDER	600V	R10	63-1160	56 M OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C24	22-1140	50 MMFD	600V	R11	63-1161	270 OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C25	22-1127	.02 MFD	400V	R12	63-1109	75 M OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C26	22-1135	.005 MFD	600V	R13	63-246	150 OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C27	22-1130	.15 M MFD	600V	R14	63-607	15 M OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C28	22-1137	.0005 MFD	600V	R15	63-1162	33 M OHM	1/4 W							228 I.F. - SEC. (A.M.)			
C29	22-1166	.01 MFD	400V	R16	63-961	47 M OHM	1/4 W							228 I.F. - SEC. (A.M.)			

NOTE:
(1) TRIMMERS F, K & N ARE MOUNTED ON STRIP # 22-850
(2) TRIMMERS M & R ARE MOUNTED ON STRIP # 22-1045