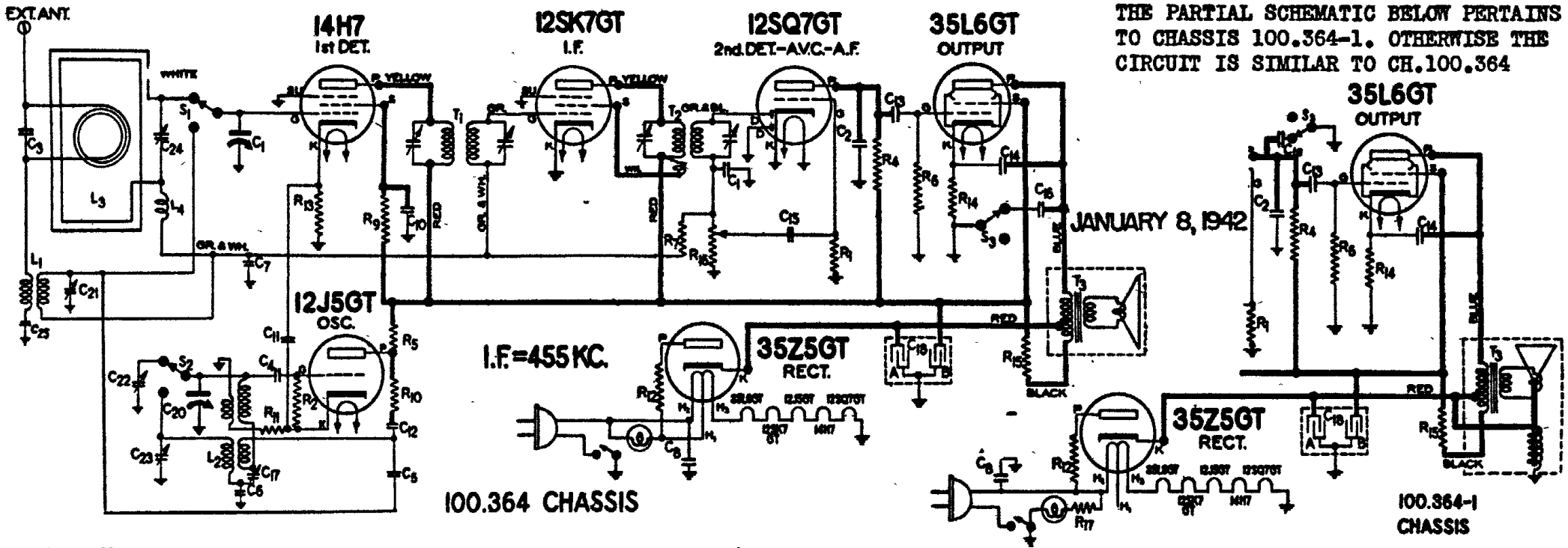

Part Number	Diagram Number	Description	LIST PRICE
W83529	C1-C2	Condenser-Mica 260 Mmfd.	.20
W83783	C3-C4	Condenser-Mica 110 Mmfd.	.20
W110510	C-5	Condenser- 3 Mmfd.	.12
W88587	C-6	Condenser-Mica .0042 Mfd.	.35
W116819	C7-C8	Condenser- .05 Mfd. 600 Volts	.20
W119193	C10-C13	Condenser- .01 Mfd. 600 Volts	.15
W119414	C-14	Condenser- .02 Mfd. 600 Volts	.15
W119817	C-15	Condenser- .004 Mfd. 600 Volts	.15
W119880	C-16	Condenser- .04 Mfd. 600 Volts (100.364 Only).....	.20
W119817	C-16	Condenser- .004 Mfd. 600 Volts (100.364-1 Only)	.15
W119934	C-17	Condenser-Padder	.35
W500256		Condenser-Electrolytic, A-40 Mfd. 150 Volt ..... 1.00; B-20 Mfd. 150 Volt (50-60 Cycle Models Only)	
W500744	C-18	Condenser-Electrolytic A-80 Mfd. 150 Volt ..... 1.60; B-20 Mfd. 150 Volt (25 Cycle Models Only)	
W500442	C19-C20	Condenser-Variable tuning with drum ...	2.60
W500647	C21-C22 -C23	Condenser-Trimmer, 3 section.....	.48
W119345	C24	Condenser-Trimmer (loop)	.20
W119193	C25	Condenser-.01 Mfd. 600 Volts	.15
W112975	R1	Resistor-Carbon, 10 Meg. 1/4 Watt	.12
W110582	R2	Resistor-Carbon, 47,000 Ohms 1/4 Watt..	.12
W110553	R4	Resistor-Carbon, 220,000 Ohm 1/4 Watt..	.12
W110557	R5	Resistor-Carbon 4700 Ohm 1/4 Watt.....	.12
W110559	R6	Resistor-Carbon, 470,000 Ohm 1/4 Watt..	.12
W110570	R7	Resistor-Carbon, 2.2 Meg. 1/4 Watt.....	.15
W110576	R9	Resistor-Carbon, 68,000 Ohm 1/4 Watt...	.12
W110590	R10-R11	Resistor-Carbon, 180 Ohm 1/4 Watt.....	.12
W116782		Resistor-33 Ohm 1 Watt, Wire Wound (50-60 Cycle Models Only).....	.15
W116013	R12	Resistor-50 Ohm 1 Watt, Wire Wound (25 Cycle Models Only).....	.18
W116079	R13	Resistor-Insulated, 1200 Ohm 1/4 Watt.	.12

POWER SUPPLY

100.364 & 100.364-1 chassis are supplied for either 25 or 50-60 cycle power supplies.

105-125 V {50-60 / 25} cycle 30 W.(100.364)

105-125 V {50-60 / 25} cycle 42 W(100.364-1)

FREQUENCY RANGES

American ..... 535 to 1735 KC.
Foreign ..... 5.6 to 16.1 MC.

ALIGNMENT FREQUENCIES

1400 KC, 600 KC.
14 MC.

INTERMEDIATE FREQUENCY .... 455 KC.

POWER OUTPUT

Type ..... Pentode
Undistorted ..... .9 Watts
Maximum ..... 1.7 Watts

LOUD SPEAKER

Type ... {P.M. Dynamic (100.364) / Electro Dynamic (100.364-1)}
Size ..... 5"
Field Resistance-3800 ohms(100.364-1)

ELECTRICAL CHANGES IN 100.364 CHASSIS

The 100.364 chassis as first produced used a P.M. dynamic speaker and a 6 volt pilot light. Later versions use an electro-dynamic speaker whose field is connected across the B supply in order to obtain the required excitation. These later models, which are identified by 100.364-1, also use a 110 volt pilot light. The later models have the tone control connected in the 12SQ7 plate instead of the 35L6GT plate as in the earlier models.

W116092	R14	Resistor-140 Ohm 1 Watt, Wire Wound...	.14
W118824	R15	Resistor-Carbon, 1500 Ohm 1/2 Watt (100.364 Only).....	.12
W500306	R16	Resistor-2,000 Ohm 1 Watt (100.364-1 Only)....	.15
W500482	R16	Volume control- 1 Meg. (with switch)..	1.25
W116078	R17	Resistor, 220 Ohms 1 Watt (100.364-1 Only)....	.20

W500645	L1	Coil-Short Wave Antenna.....	.50
W500646	L2	Coil-Oscillator (B.C. & S.W.).....	1.00
W500648		Loop Antenna & Cabinet Back for Plastic Cabinets.....	1.70
W501331	L3	Loop Antenna & Cabinet Back for Wood Cabinets.....	2.00
W500911	L4	Leading Coil	.25

SEARS, ROEBUCK & CO.

MODELS 7016, 7031A
Chassis 100.364
Chassis 100.364-1