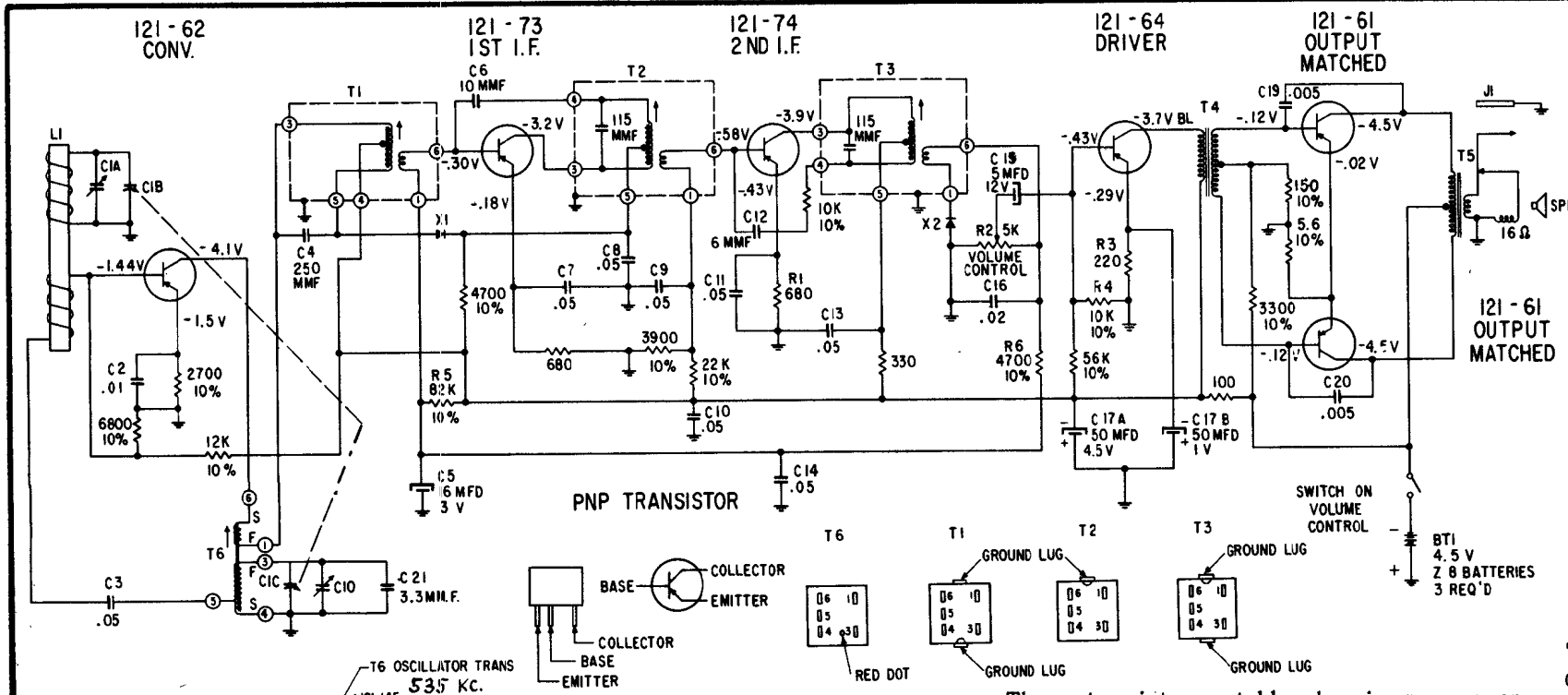
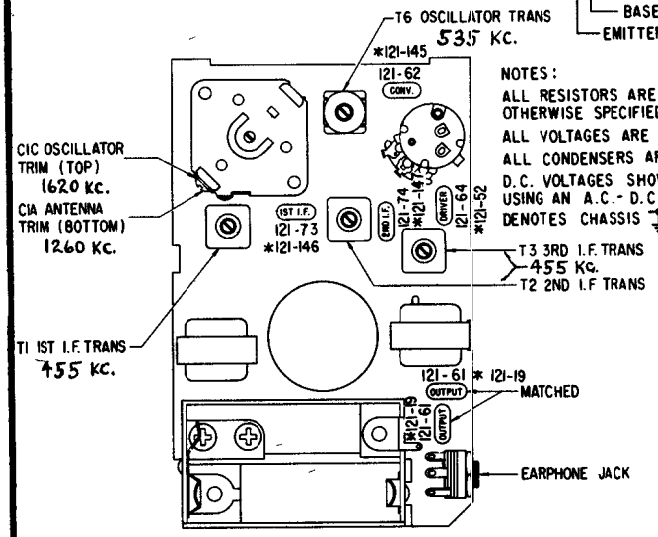
DIAGRAM FOR 6ET42Z2

ZENITH Chassis 6ET42Z1 & 6ET42Z2, Model "Royal 100"

(Continued on page 189)





TRANSISTOR & TRIMMER LAYOUT FOR CHASSIS 6ET42Z2 & 6ET42Z1

NOTES:

ALL RESISTORS ARE CARBON, 1/2 WATT, ± 20% TOLERANCE UNLESS OTHERWISE SPECIFIED

ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED.

ALL CONDENSERS ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.

D.C. VOLTAGES SHOWN ARE MEASURED FROM CHASSIS WITH NO SIGNAL USING AN A.C.- D.C. OR VACUUM TUBE VOLTMETER.

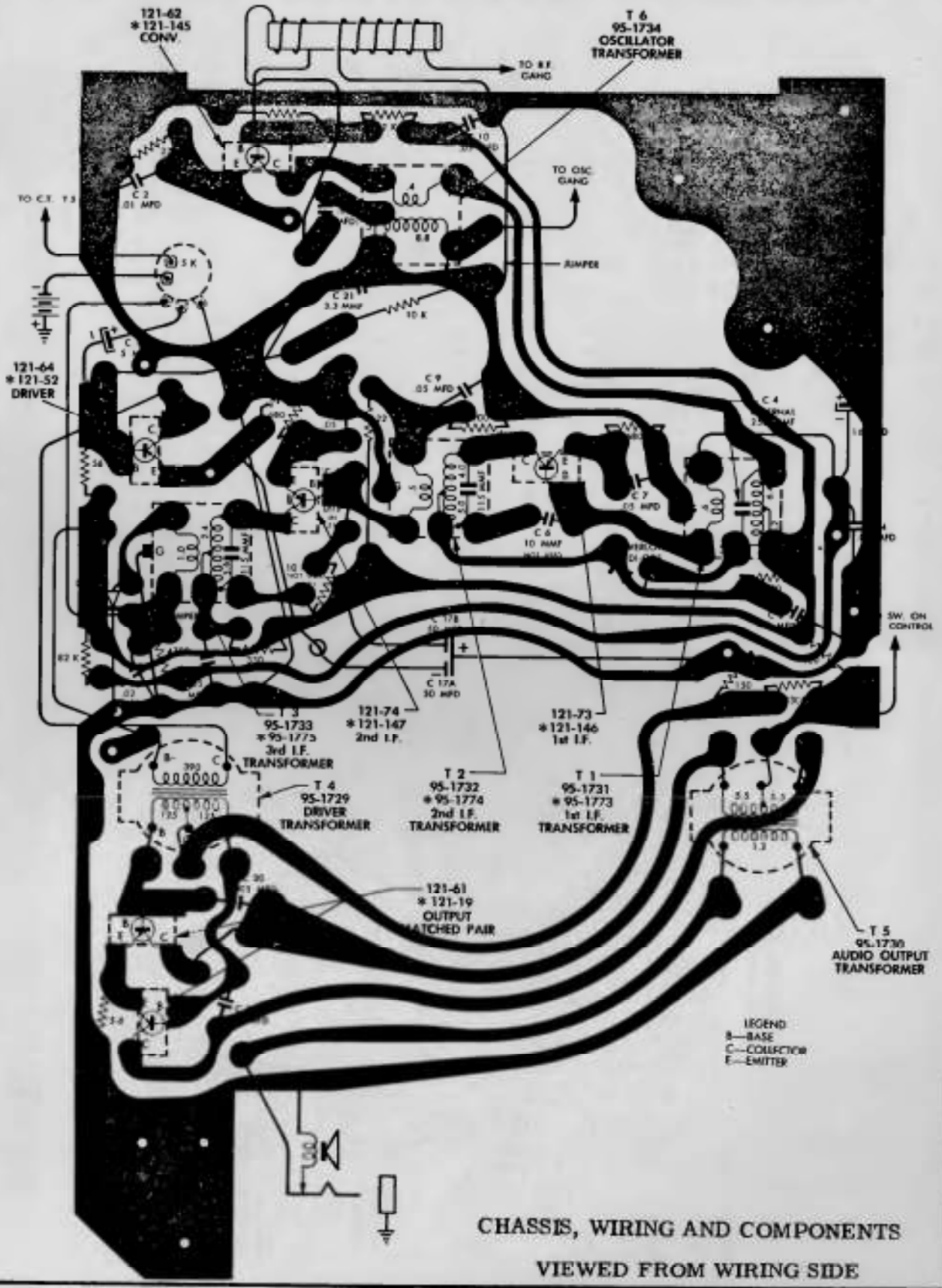
DENOTES CHASSIS

These trsnsistor portable chassis sre conventional superheterodyne receivers. Chassis 6ET 42Z2&6ET42Z1 are virtually identical except for different transistors and a few other parts. The parts marked by astericks on the chassis wiring and component drawing apply only to chsssis 6ET42Z1. Both chassis have a converter to produce the 455 Kc intermediate frequency.

CHASSIS INFORMATION CHART

Chassis	Transistor Layout Label Color	Part No.	Conv.	1st I.F.	2nd I.F.	Crystal Diode Detector	Driver	Output-Output	Supplier
*6ET42Z1	Red 102-7651	Zenith RETMA Type	121-145 2N1108 PNP	121-146 2N1110 PNP	121-147 2N1111 PNP	103-19 1N87G	121-52 R120 PNP	121-19 R16 Matched Pair PNP PNP	Texas Instrument
6ET42Z2	102-7302	Zenith RETMA Type	121-62 2N411 PNP	121-73 2N409 PNP	121-74 2N409 PNP	103-19 1N87G	121-64 2N407 PNP	121-61 2N407 Matched Pair PNP PNP	R.C.A.

ZENITH Chassis 6ET42Z1 & 6ET42Z2, Model "Royal 100" Continued



CHASSIS, WIRING AND COMPONENTS

VIEWED FROM WIRING SIDE