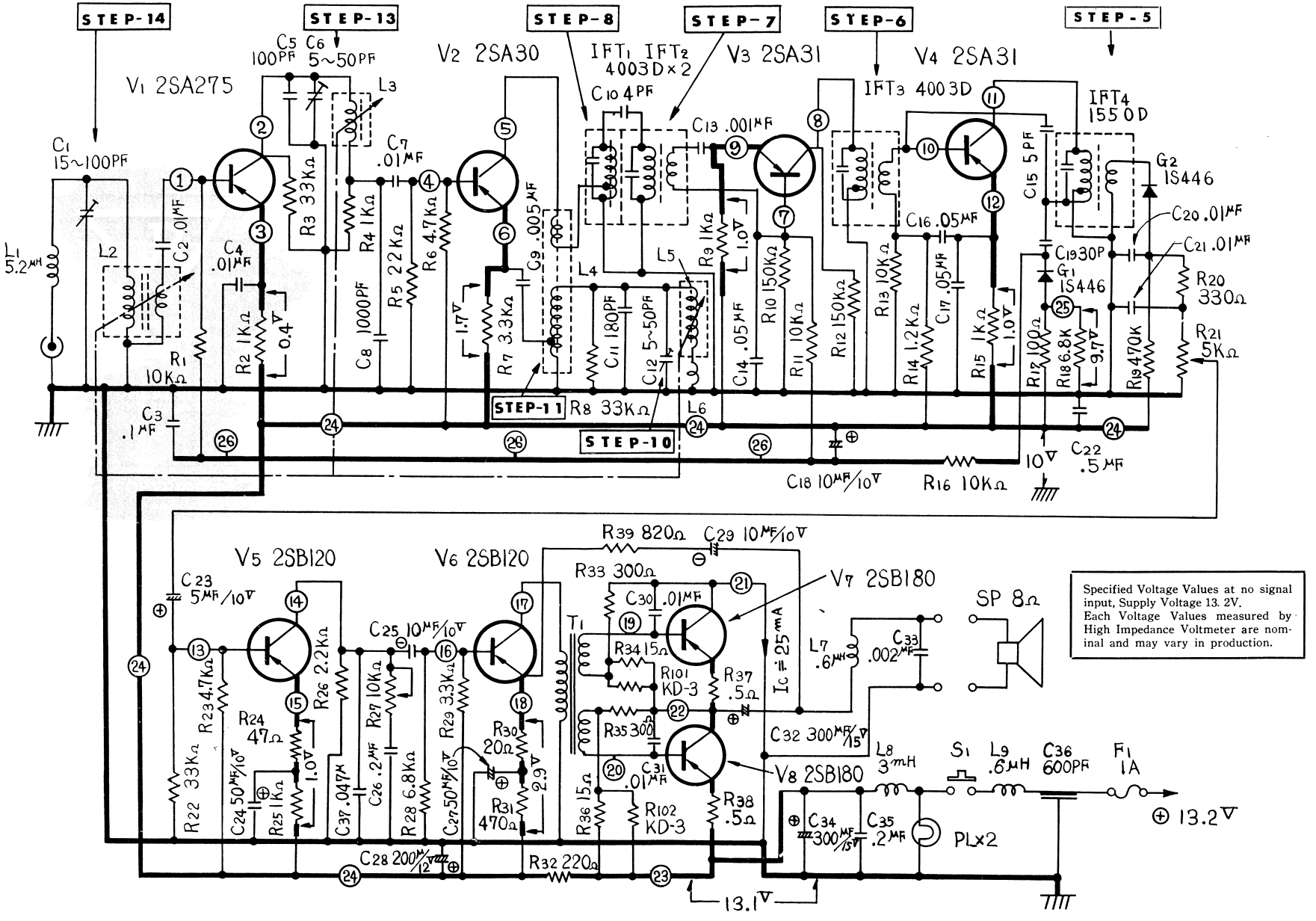
## SPECIFICATIONS

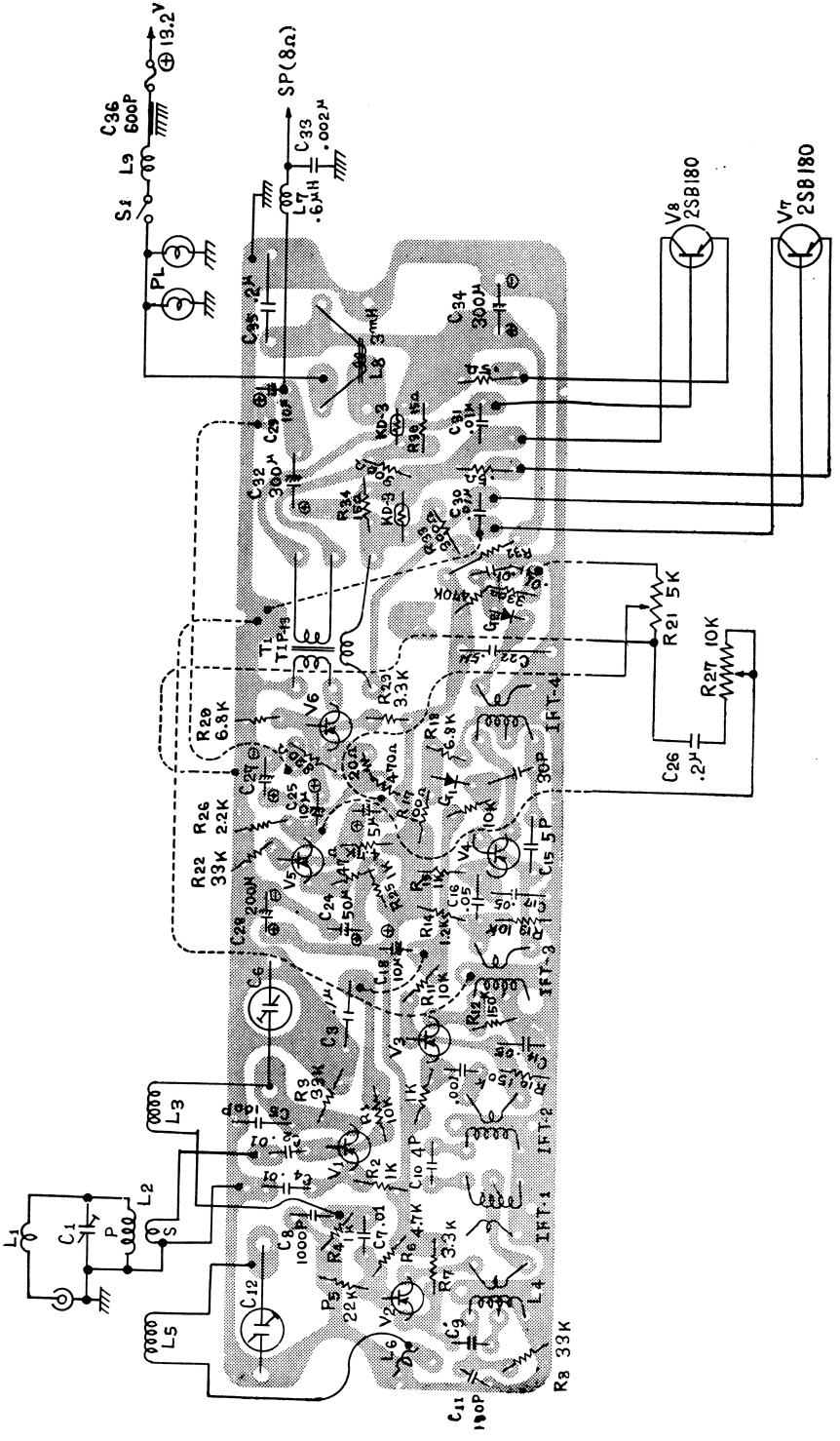
| | | |
|---|---|---|
| A. | Power Supply: | 12 Volts/Negative grounding |
| B. | Frequency Range: | 535 to 1605 Kc/s |
| C. | Intermediate Frequency: | 455 Kc/s |
| D. | Sensitivity: | 20μV or less (at 0.5W output) |
| E. | Selectivity: | 18dB or better (± 10 Kc/s Detuning) |
| F. | S/N Ratio: | 20dB or better (at 56μV Input Voltage) |
| G. | Electrical Fidelity: | -6dB or less at 150 c/s |
| | | -16dB or less at 4000 c/s |
| H. | Audio Output: | 3W |
| I. | Current Consumption: | 0.35A (approx.) |
| J. | Transistors & Diodes: | |

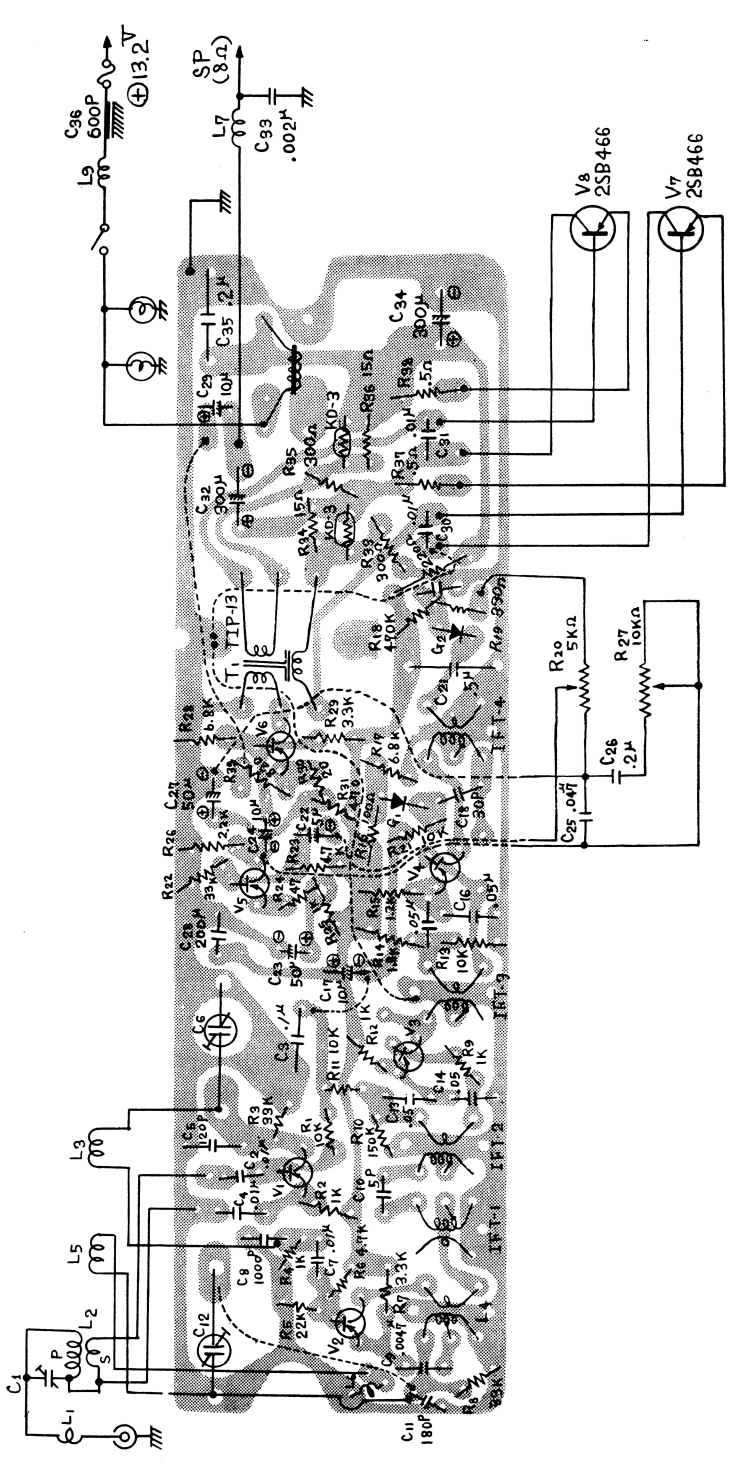
**SS90 Schematic Diagram (Former Model)**




Specified Voltage Values at no signal input, Supply Voltage 13. 2V.
Each Voltage Values measured by High Impedance Voltmeter are nominal and may vary in production.

Printed Circuit Pattern (Improved Model)



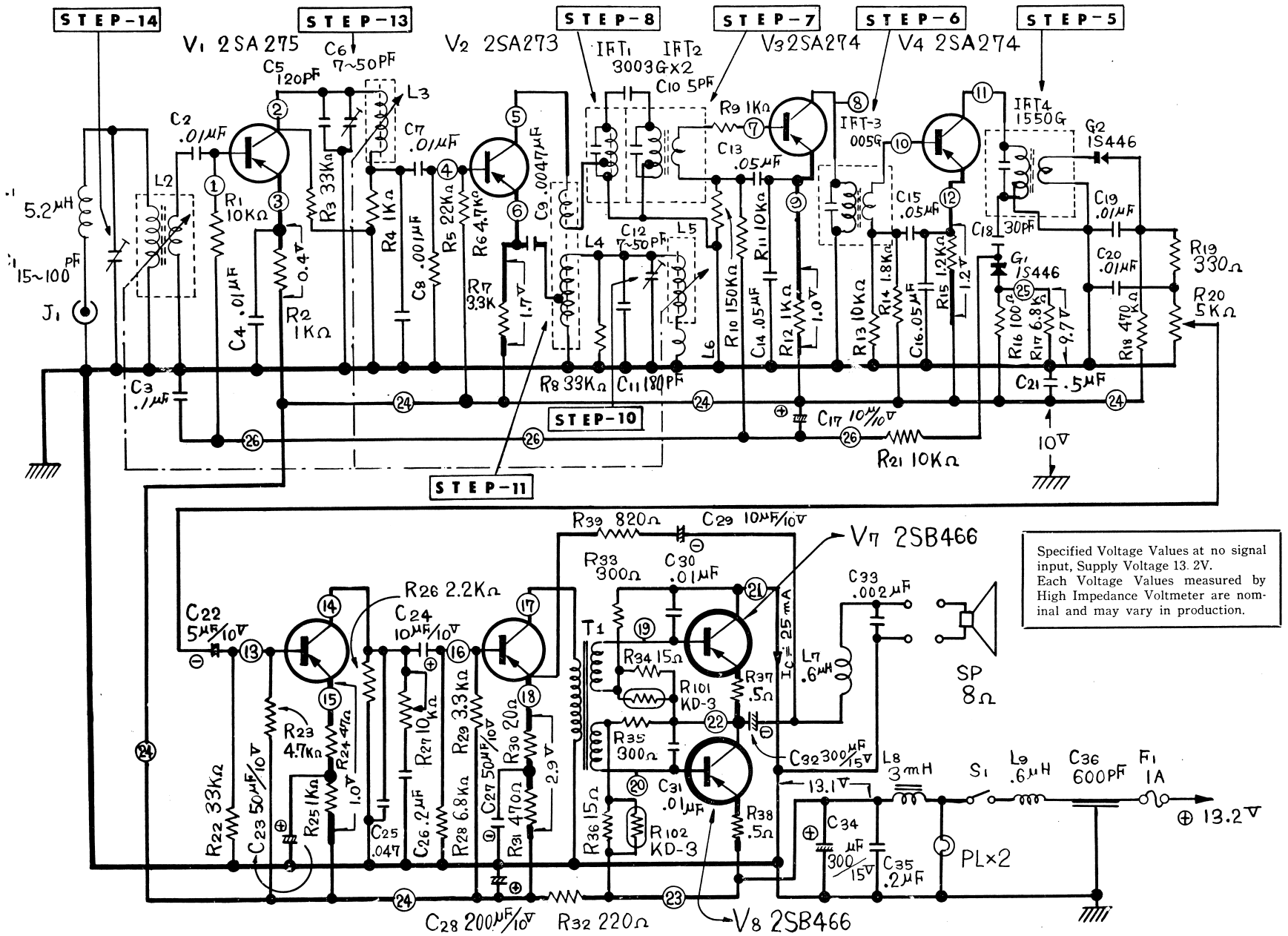



| Former Model (Description) | Improved Model | (Application) | (Q'ty) |
|---|---|---|---|
| 2SA275 | 2SA275 | RF. Amp. | 1 |
| 2SA30 | 2SA273 | Converter | 1 |
| 2SA31 | 2SA274 | IF. Amp. | 2 |
| 2SB120 | 2SB120 | Audio Amp. | 2 |
| 2SB180 | 2SB466 | Power Amp. | 2 |
| 1S446 | 1S446 | Detector, AGC | 2 |

K. Speaker: Impedance: 8 ohm

Note: 1. Former auto radio Serial Nos. are Nos. 10001 to 60000.
2. Improved Model Serial Nos. start from No. 100001.

## SS90 Schematic Diagram (Improved Model)




Specified Voltage Values at no signal input, Supply Voltage 13.2V.
Each Voltage Values measured by High Impedance Voltmeter are nominal and may vary in production.