

# SHARP BP-322

TR.1  
2SA 234

TR.2  
2SA 151A

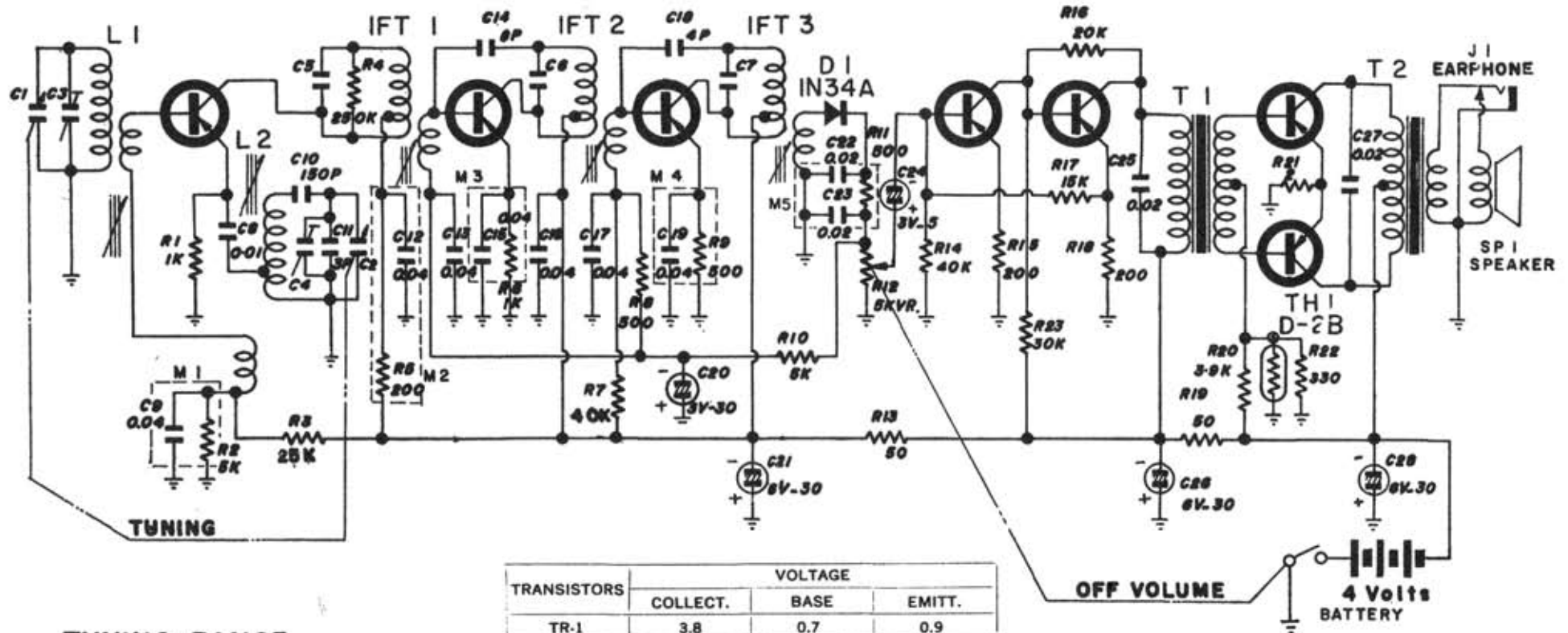
TR.3  
2SA 151A

TR.4  
2SB 75

TR.5  
2SB 75

TR.6  
2SB 77

TR.7  
2SB 77



**TUNING RANGE**  
535KC - 1605KC  
I.F. . . . 455KC

| TRANSISTORS | VOLTAGE  |      |        |
|-------------|----------|------|--------|
|             | COLLECT. | BASE | EMITT. |
| TR-1        | 3.8      | 0.7  | 0.9    |
| TR-2        | 4.0      | 0.24 | 0.18   |
| TR-3        | 3.8      | 0.27 | 0.15   |
| TR-4        | 0.3      | 0.12 | 0.04   |
| TR-5        | 3.8      | 0.32 | 0.2    |
| TR-6        | 4.0      | 0.12 | 0.02   |
| TR-7        | 4.0      | 0.12 | 0.02   |

**SERVICE MANUAL**