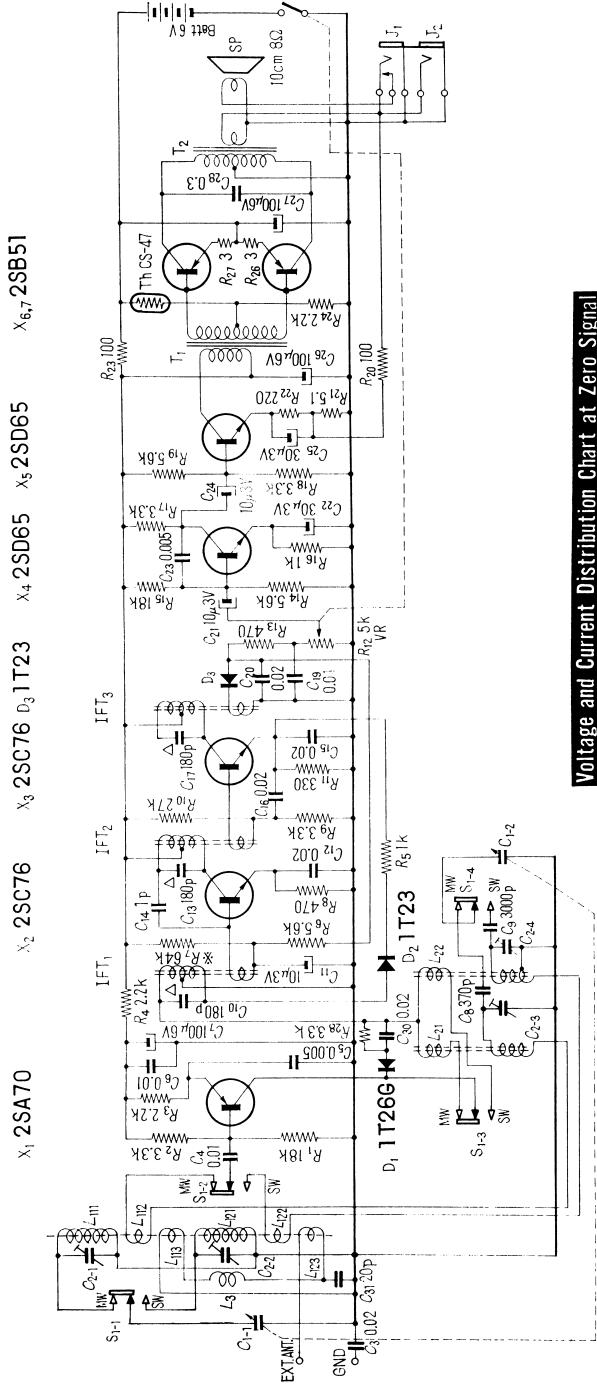
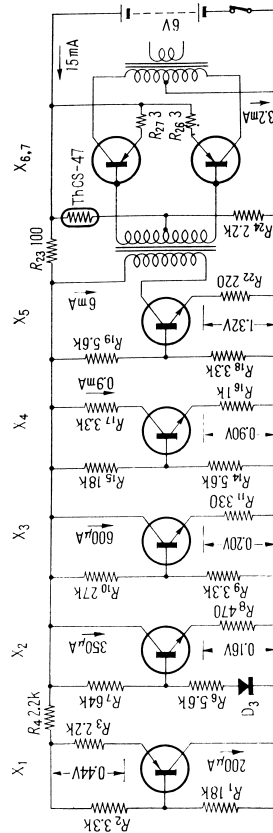


Schematic Diagram

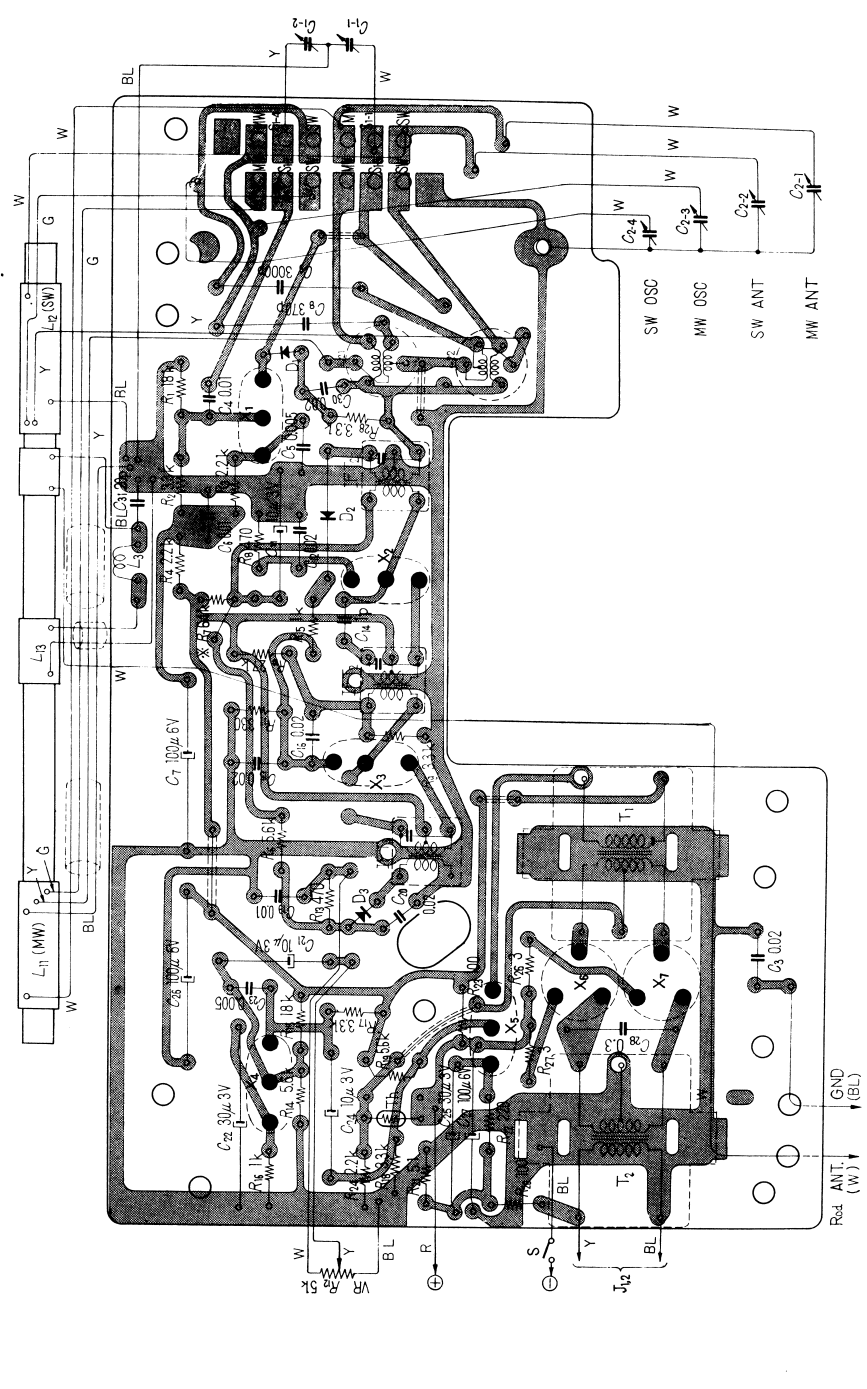


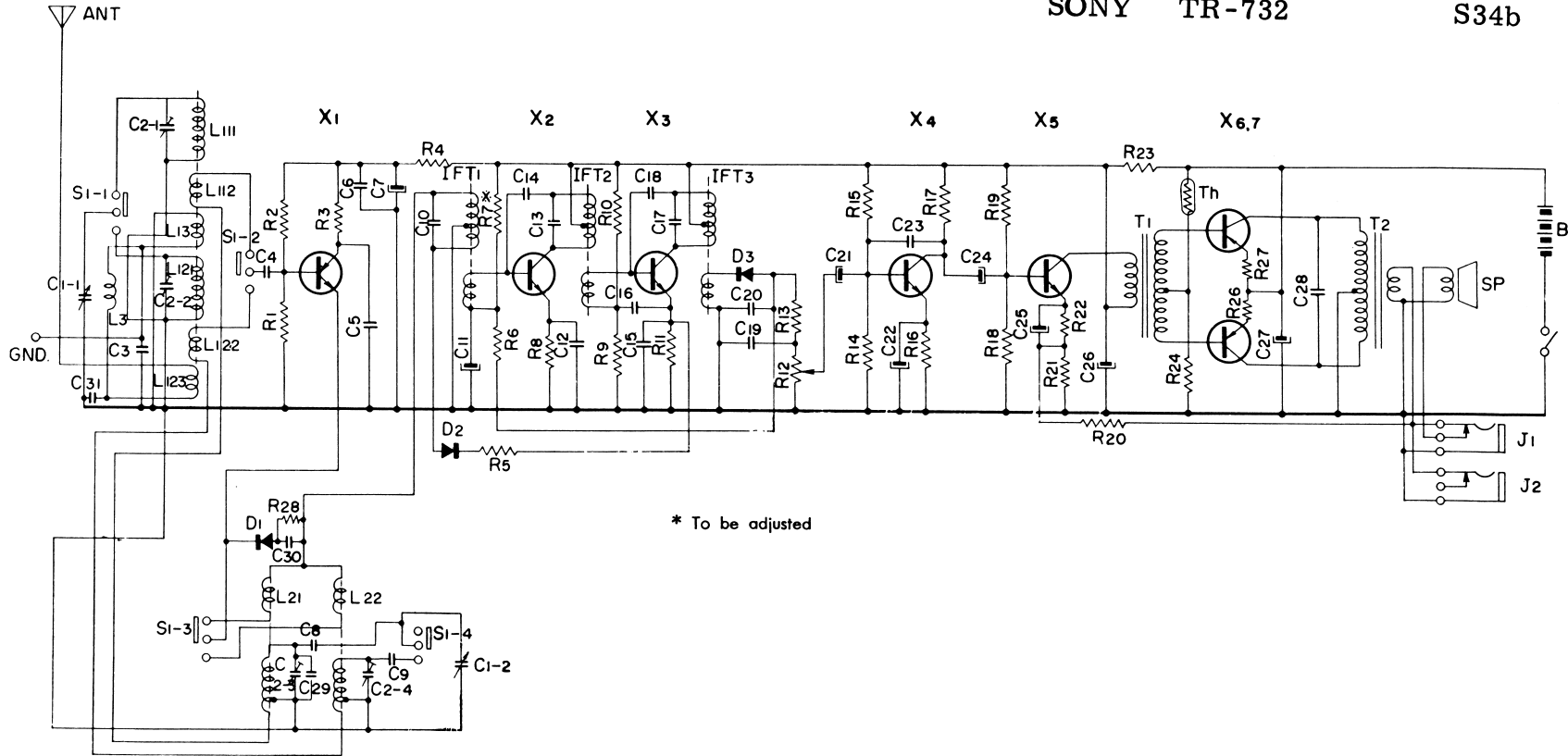
X₁ 2SA70 X₂ 2SC76 X₃ 2SC76 D₃ 1T23 X₄ 2SD65 X₅ 2SD65 X_{6,7} 2SB51

Voltage and Current Distribution Chart at Zero Signal

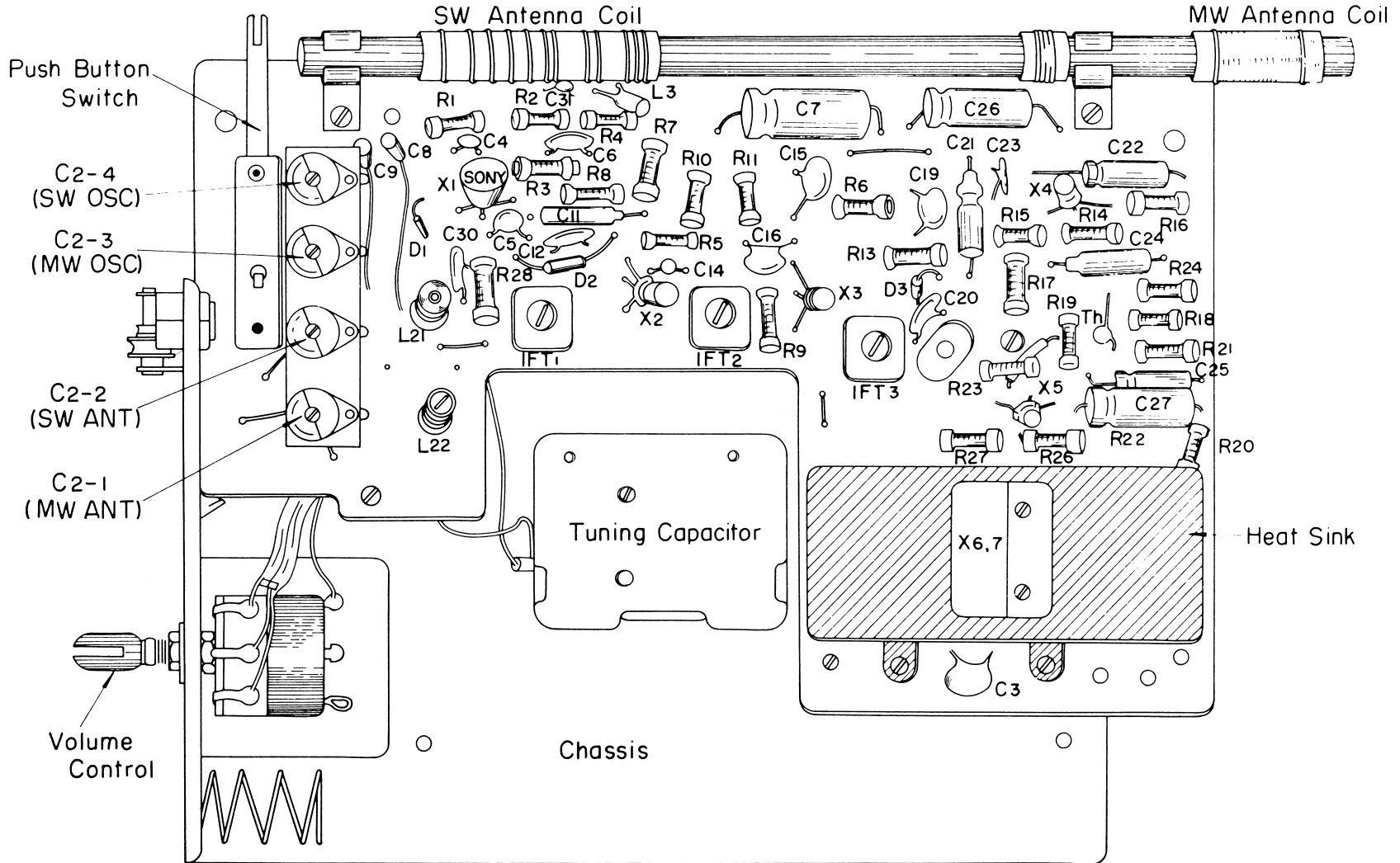


⊗ * To be adjusted
 ⊙ Δ Built in IF Transformers





—Parts Side—



Part No.	Symbol	Description	Part No.	Symbol	Description	Part No.	Symbol	Description
1-401-162-12	L ₁₁₋₁₂	MW, SW, Ferrite Bar Antenna	1-203-049-00	R ₄	2.2K Ω RD $\frac{3}{4}$ L $\pm 5\%$	1-101-073-11	C ₃	0.02 μ F Ceramic
1-405-003-01	L ₂₁	MW, Oscillator Coil	1-203-031-00	R ₅	1K Ω " "	1-101-072-11	C ₄	0.01 μ F "
1-405-004-01	L ₂₂	SW, Oscillator Coil	1-203-065-00	R ₆	5.6K Ω " "	1-101-140-11	C ₅	0.005 μ F "
1-407-030-11	L ₃	Micro Inductor 150 μ H	1-203-122-00	*R ₇	75K Ω " "	1-101-072-11	C ₆	0.01 μ F "
1-403-034-03	IFT ₁	IF Transformer	1-203-026-00	R ₈	470 Ω " "	1-119-010-02	C ₇	100 μ F 6V Electrolytic
1-403-035-03	IFT ₂	"	1-203-058-00	R ₉	3.3K Ω " "	1-103-094-11	C ₈	370pF Styrol
1-403-036-03	IFT ₃	"	1-203-129-00	R ₁₀	27K Ω " "	1-103-038-11	C ₉	3000pF "
1-423-043-03	T ₁	Driver Transformer	1-203-024-00	R ₁₁	330 Ω " "	C ₁₀	180pF (built in IFT ₁)	
1-427-061-03	T ₂	Output Transformer	1-221-380-11	R ₁₂	Volume Control 5K Ω	1-119-001-02	C ₁₁	10 μ F 3V Electrolytic
1-513-086-00	S _{1-1~4}	Band Setting Switch			Carbon Resistor	1-101-073-11	C ₁₂	0.02 μ F Ceramic
1-507-030-10	J _{1, 2}	Twin Earphone Jack	1-203-026-00	R ₁₃	470 Ω RD $\frac{3}{4}$ L $\pm 5\%$	C ₁₃	180pF (built in IFT ₂)	
1-502-063-02	SP	Speaker	1-203-065-00	R ₁₄	5.6K Ω " "	1-101-009-11	C ₁₄	1pF Ceramic
1-528-001-00	B	Battery (6V)	1-203-130-00	R ₁₅	18K Ω " "	1-101-073-11	C ₁₅	0.02 μ F "
	X ₁	Transistor 2SA70	1-203-031-00	R ₁₆	1K Ω " "	1-101-073-11	C ₁₆	0.02 μ F "
	X ₂	" 2SC76	1-203-058-00	R ₁₇	3.3K Ω " "	C ₁₇	180pF (built in IFT ₃)	
	X ₃	" 2SC76	1-203-058-00	R ₁₈	3.3K Ω " "	C ₁₈	—deleted—	
	X ₄	" 2SD65	1-203-065-00	R ₁₉	5.6K Ω " "	1-101-072-11	C ₁₉	00.1 μ F Ceramic
	X ₅	" 2SD65	1-203-011-00	R ₂₀	100 Ω " "	1-101-073-11	C ₂₀	0.02 μ F "
	X ₆	" 2SB51	1-203-001-00	R ₂₁	5.1 Ω " "	1-119-001-02	C ₂₁	10 μ F 3V Electrolytic
	X ₇	" 2SB51	1-203-018-00	R ₂₂	220 Ω " "	1-119-007-02	C ₂₂	30 μ F 3V "
	D ₁	Diode 1T26G	1-203-011-00	R ₂₃	100 Ω " "	1-101-140-11	C ₂₃	0.005 μ F Ceramic
	D ₂	" 1T23G	1-203-049-00	R ₂₄	2.2K Ω " "	1-119-001-02	C ₂₄	10 μ F 3V Electrolytic
	D ₃	" 1T23G		R ₂₅	—deleted—	1-119-007-02	C ₂₅	30 μ F 3V "
	Th	Thermistor CS-47			Carbon Resistor	1-119-010-02	C ₂₆	100 μ F 6V "
		Carbon Resistor	1-203-584-00	R ₂₆	3 Ω RD $\frac{3}{4}$ L $\pm 5\%$	1-119-010-02	C ₂₇	100 μ F 6V "
1-203-130-00	R ₁	18K Ω RD $\frac{3}{4}$ L $\pm 5\%$	1-203-584-00	R ₂₇	3 Ω " "	1-105-064-11	C ₂₈	0.3 μ F Mylar
1-203-058-00	R ₂	3.3K Ω " "	1-203-058-00	R ₂₈	3.3K Ω " "	1-101-012-11	C ₂₉	5pF Ceramic
1-203-049-00	R ₃	2.2K Ω " "			Capacitor	1-101-073-11	C ₃₀	0.02 μ F "
			1-151-057-00	C ₁	Tuning Capacitor, 2 gang	1-101-063-11	C ₃₁	20pF "
			1-141-109-00	C ₂	Trimmer Capacitor, 4 unit			

* To be adjusted