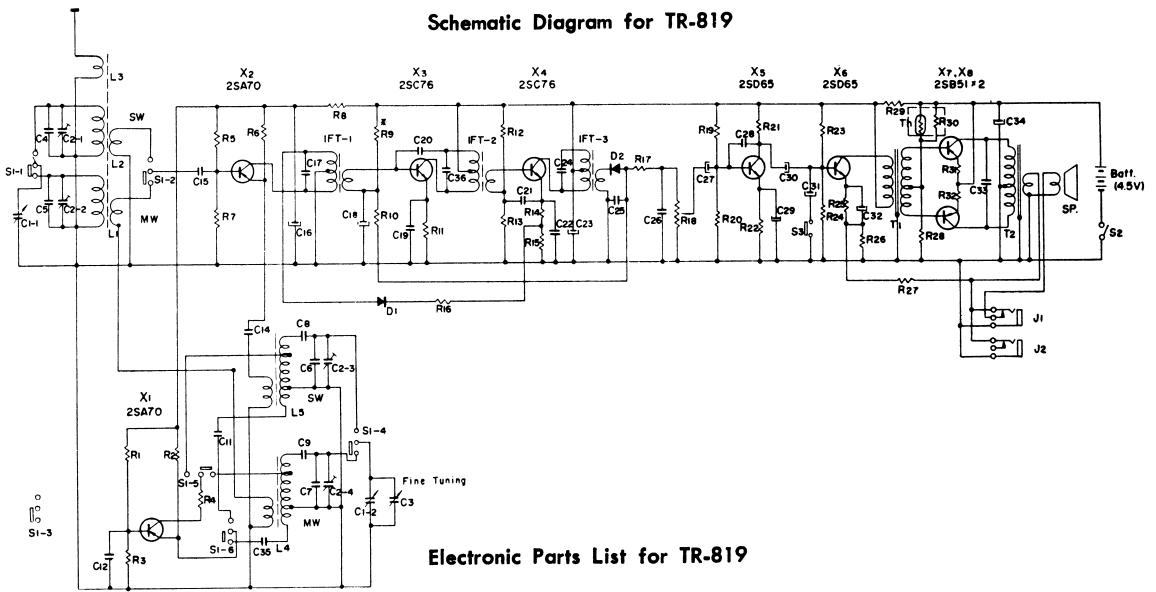


Schematic Diagram for TR-819



Electronic Parts List for TR-819

Part No.	Symbol	Description	Part No.	Symbol	Description
1-501-024-00	TA	Telescopic Antenna	1-203-360-00	R ₂₂	Carbon Resistor 330 Ω RL 1/8 RL ± 5%
1-401-132-00	L ₁	MW, Ferrite Bar Antenna	1-203-383-00	R ₂₃	10 K Ω //
//	L ₂	SW, Ferrite Bar Antenna	1-203-373-00	R ₂₄	3.3 K Ω //
//	L ₃	Auxiliary Antenna Coil	1-203-360-00	R ₂₅	330 Ω //
1-405-209-00	L ₄	MW, Oscillator Coil	1-203-351-00	R ₂₆	5.1 Ω //
1-405-214-00	L ₅	SW, Oscillator Coil	1-203-358-00	R ₂₇	220 Ω //
1-403-057-00	IFT ₁	IF Transformer	1-203-373-00	R ₂₈	3.3 K Ω //
1-403-058-00	IFT ₂	//	1-203-355-00	R ₂₉	62 Ω //
1-403-059-00	IFT ₃	//	R ₃₀	220 Ω built-in thermistor	
1-423-001-00	T ₁	Driving Transformer	1-203-351-00	R ₃₁	5.1 Ω RD 1/8 RL ± 5%
1-427-052-00	T ₂	Output Transformer	1-203-351-00	R ₃₂	5.1 Ω //
1-507-011-00	J ₁ , J ₂	Twine Earphone Jack	1-151-062-00	C ₁	Tuning Capacitor, 2 gang
1-513-154-00	S ₁	Band Setting Switch	C ₂	Trimmer Capacitor	
	S ₂	Power Switch	1-151-107-01	C ₃	Fine Tuning Capacitor
1-513-122-00	S ₃	Tone Control Switch	1-101-012-02	C ₄	Capacitor 5 pF ± 0.5 pF Ceramic
1-502-066-04	SP	Speaker 8 Ω	1-101-012-02	C ₅	5 pF ± 10% //
	X ₁	Transistor 2SA70	1-101-012-02	C ₆	5 pF ± 0.5 pF //
	X ₂	// 2SA70	1-101-051-02	C ₇	12 pF ± 0.5 pF //
	X ₃	// 2SC76	1-103-046-00	C ₈	3000 pF ± 5% Styrol
	X ₄	// 2SC76	1-103-045-00	C ₉	370 pF //
	X ₅	// 2SD65	1-101-091-02	C ₁₀	—deleted—
	X ₆	// 2SD65	1-101-073-02	C ₁₁	Capacitor 400 pF ± 10% Ceramic
	X ₇	// 2SB51	1-105-011-00	C ₁₂	0.02 μF ± 20% //
	X ₈	// 2SB51	1-105-011-00	C ₁₃	—deleted—
	D ₁	Diode IT23G	1-105-011-00	C ₁₄	Capacitor 0.005 μF ± 20% Ceramic
	D ₂	// IT23G	1-101-072-00	C ₁₅	0.01 μF ± 20% //
	Th	Thermistor CS-120	1-121-102-00	C ₁₆	30 μF 6V ± 100% Electrolytic
1-203-373-00	R ₁	Carbon Resistor 3.3 K Ω RL 1/8 RL ± 5%	1-121-102-00	C ₁₇	150 pF built-in IFT ₁
1-203-367-00	R ₂	1 K Ω //	1-105-013-00	C ₁₈	30 μF 6V ± 100% Electrolytic
1-203-383-00	R ₃	10 K Ω //	1-101-045-02	C ₁₉	0.02 μF ± 20% Mylar
1-203-367-00	R ₄	1 K Ω //	1-105-013-00	C ₂₀	1 pF ± 0.5 pF Ceramic
1-203-376-00	R ₅	4.7 K Ω //	1-105-013-00	C ₂₁	0.02 μF ± 20% Mylar
1-203-405-00	R ₆	1.5 K Ω //	1-121-115-00	C ₂₂	0.02 μF //
1-203-388-00	R ₇	27 K Ω //	1-105-012-00	C ₂₃	100 μF 6V ± 100% Electrolytic
1-203-360-00	R ₈	330 Ω //	1-121-104-00	C ₂₄	150 pF built-in IFT ₃
1-203-393-00	R ₉ *	51 K Ω //	1-105-012-00	C ₂₅	0.01 μF ± 20% Mylar
1-203-373-00	R ₁₀	3.3 K Ω //	1-121-104-00	C ₂₆	0.01 μF //
1-203-360-00	R ₁₁	330 Ω //	1-105-011-00	C ₂₇	10 μF 6V ± 100% Electrolytic
1-203-387-00	R ₁₂	22 K Ω //	1-121-102-00	C ₂₈	0.005 μF ± 20% Mylar
1-203-373-00	R ₁₃	3.3 K Ω //	1-121-102-00	C ₂₉	30 μF 6V ± 100% Electrolytic
1-203-355-00	R ₁₄	62 Ω //	1-121-104-00	C ₃₀	10 μF 6V ± 100% //
1-203-358-00	R ₁₅	220 Ω //	1-127-901-00	C ₃₁	0.3 μF 6V ± 100% Allox
1-203-367-00	R ₁₆	1 K Ω //	1-121-102-00	C ₃₂	30 μF 6V ± 100% Electrolytic
1-203-367-00	R ₁₇	1 K Ω //	1-105-015-00	C ₃₃	0.1 μF ± 20% Mylar
1-221-240-00	R ₁₈	Volume Control 5 K Ω	1-121-115-00	C ₃₄	100 μF 6V ± 100% Electrolytic
1-203-387-00	R ₁₉	22 K Ω RL 1/8 RL ± 5%	1-101-020-02	C ₃₅	0.005 μF ± 20% Ceramic
1-203-373-00	R ₂₀	3.3 K Ω //		C ₃₆	150 pF built-in IFT ₂
1-203-367-00	R ₂₁	1 K Ω //			

Mounting Diagram (Printed Side)

