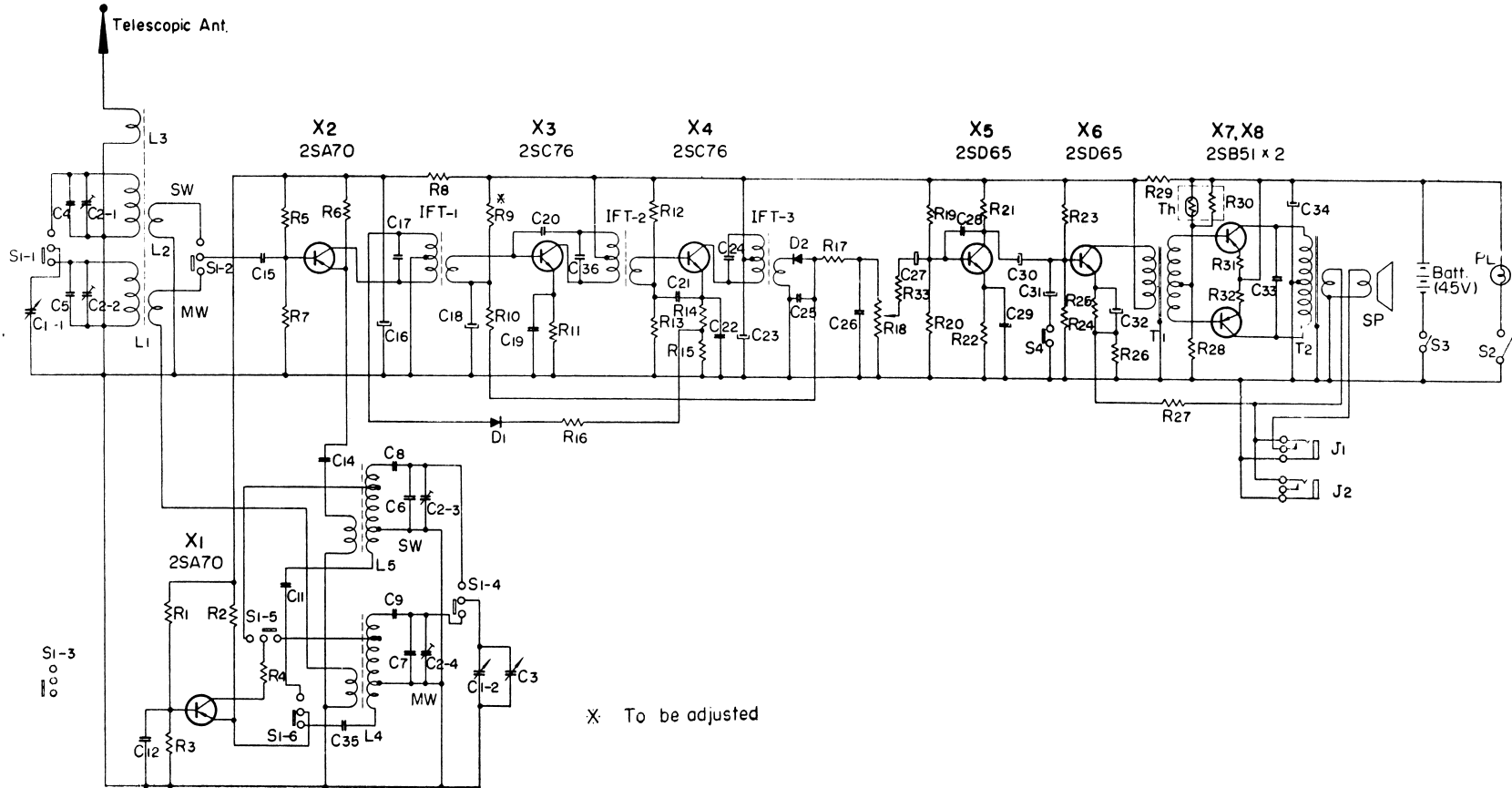


Schematic Diagram for TR-820

SONY TR-820

S39a



Electronic Parts List for TR-820

Part No.	Symbol	Description	Part No.	Symbol	Description	Part No.	Symbol	Description
	TA	Telescopic Antenna	1-101-049-01	C ₄	Ceramic, 5pF			Carbon Resistor
	X ₁	2SA70	-049-01	C ₅	// 5pF	1-203-373-00	R ₁	3.3KΩ ±5% RD $\frac{1}{8}$ RL
	X ₂	2SA70	-049-01	C ₆	// 5pF	-367-00	R ₂	1KΩ //
	X ₃	2SC76	-051-02	C ₇	// 12pF	-383-00	R ₃	10KΩ //
	X ₄	2SC76	1-103-045-00	C ₈	Styrol, 3000pF	-367-00	R ₄	1KΩ //
	X ₅	2SD65	-430-00	C ₉	// 350pF	-376-00	R ₅	4.7KΩ //
	X ₆	2SD65		C ₁₀	—deleted—	-405-00	R ₆	1.5KΩ //
	X ₇	2SB51	1-101-091-02	C ₁₁	Ceramic, 400pF	-388-00	R ₇	27KΩ //
	X ₈	2SB51	-073-02	C ₁₂	// 0.02μF	-360-00	R ₈	330Ω //
	D ₁	1T23G		C ₁₃	—deleted—	-391-00	R ₉ *	43KΩ //
	D ₂	1T23G	1-105-011-00	C ₁₄	Mylar 0.005μF	-373-00	R ₁₀	3.3KΩ //
	Th	CS-120	1-101-072-02	C ₁₅	// 0.01μF	-360-00	R ₁₁	330Ω //
1-401-132-02	L ₁	MW Antenna Coil	1-121-102-00	C ₁₆	Electrolytic, 30μF 6V	-387-00	R ₁₂	22KΩ //
	L ₂	SW Antenna Coil		C ₁₇	150pF, built in IFT ₁	-373-00	R ₁₃	3.3KΩ //
	L ₃	Pick-up Antenna Coil	1-121-102-00	C ₁₈	Electrolytic, 30μF 6V	-355-00	R ₁₄	62Ω //
1-405-209-00	L ₄	MW OSC Coil	1-105-013-00	C ₁₉	Mylar, 0.02μF	-358-00	R ₁₅	220Ω //
-214-00	L ₅	SW OSC Coil	1-101-045-02	C ₂₀	Ceramic, 1pF	-367-00	R ₁₆	1KΩ //
1-502-066-04	SP	Speaker	1-105-013-00	C ₂₁	Mylar, 0.02μF	-367-00	R ₁₇	1KΩ //
1-513-154-00	S ₁	Band Setting Switch	1-121-115-00	C ₂₃	Electrolytic, 100μF 6V	1-221-240-00	R ₁₈	Volume Control, 5KΩ
1-514-084-11	S ₂	Dial Light Switch		C ₂₄	150pF, built in IFT ₃	1-203-387-00	R ₁₉	22KΩ ±5% RD $\frac{1}{8}$ RL
	S ₃	Power Switch	1-105-012-00	C ₂₅	Mylar, 0.01μF	-373-00	R ₂₀	3.3KΩ //
1-514-082-11	S ₄	Tone Selector Switch	-012-00	C ₂₆	// 0.01μF	-367-00	R ₂₁	1KΩ //
1-403-057-00	IFT ₁	IFT ₁	1-121-104-00	C ₂₇	Electrolytic, 10μF 6V	-360-00	R ₂₂	330Ω //
-058-00	IFT ₂	IFT ₂	1-105-011-00	C ₂₈	Mylar, 0.005μF	-383-00	R ₂₃	10KΩ //
-059-00	IFT ₃	IFT ₃		C ₂₉	Electrolytic, 30μF 6V	-373-00	R ₂₄	3.3KΩ //
1-423-001-00	T ₁	Driver Transformer	1-121-102-00	C ₃₀	// 10μF 6V	-360-00	R ₂₅	330Ω //
1-427-052-00	T ₂	Output Transformer	-104-00	C ₃₁	// (Alox), 0.3μF 6V	-351-00	R ₂₆	5.1Ω //
1-507-030-10	J _{1, 2}	Twin Earphone Jack	1-127-901-00	C ₃₂	Electrolytic, 30μF 6V	-358-00	R ₂₇	220Ω //
1-528-002-00	Batt	Battery Size "C" X3	1-121-102-00	C ₃₃	Mylar, 0.1μF	-374-00	R ₂₈	3.9KΩ //
1-518-007-03	PL	Dial Light	1-105-015-00	C ₃₄	Electrolytic, 100μF 6V	-355-00	R ₂₉	62Ω //
		Capacitor	1-121-115-00	C ₃₅	Ceramic, 0.005μF		R ₃₀	220Ω, built in Th
1-151-062-00	C ₁	Tuning Capacitor, Two Gang	1-101-020-02	C ₃₆	150pF, built in IFT ₂	-351-00	R ₃₁	5.1Ω ±5% RD $\frac{1}{8}$ RL
	C ₂	Trimmer Capacitor				-351-00	R ₃₂	5.1Ω //
1-1-1-107-01	C ₃	Fine Tuning Capacitor						Composition Resistor
						1-201-453-11	R ₃₃	470Ω ±1% RC $\frac{1}{8}$

* To be adjusted