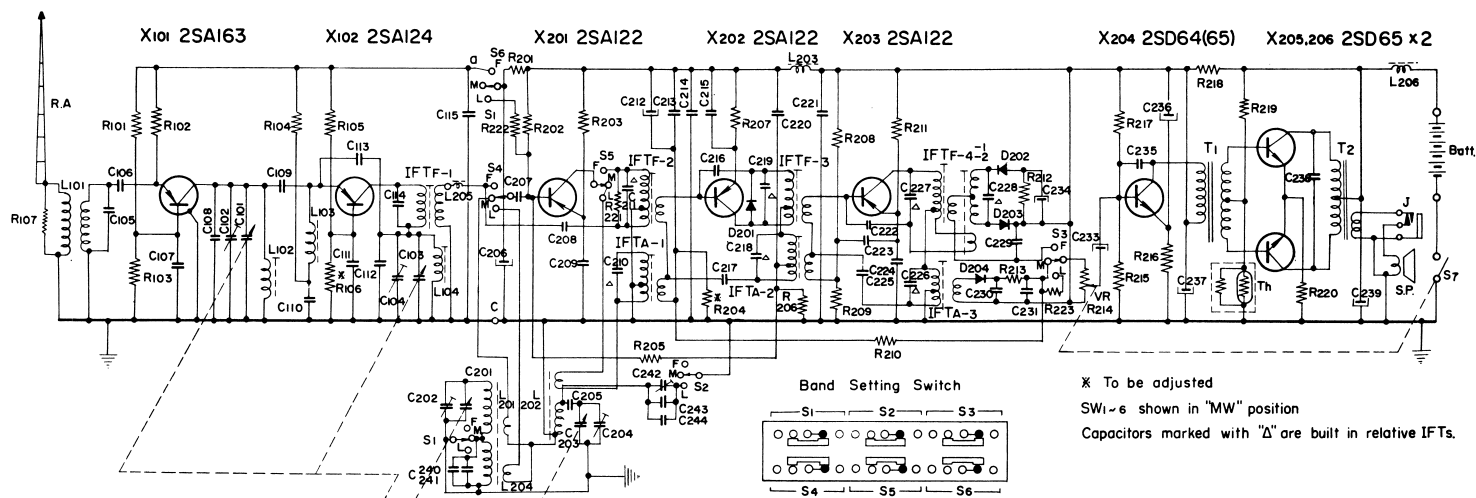


SONY TFM-825L



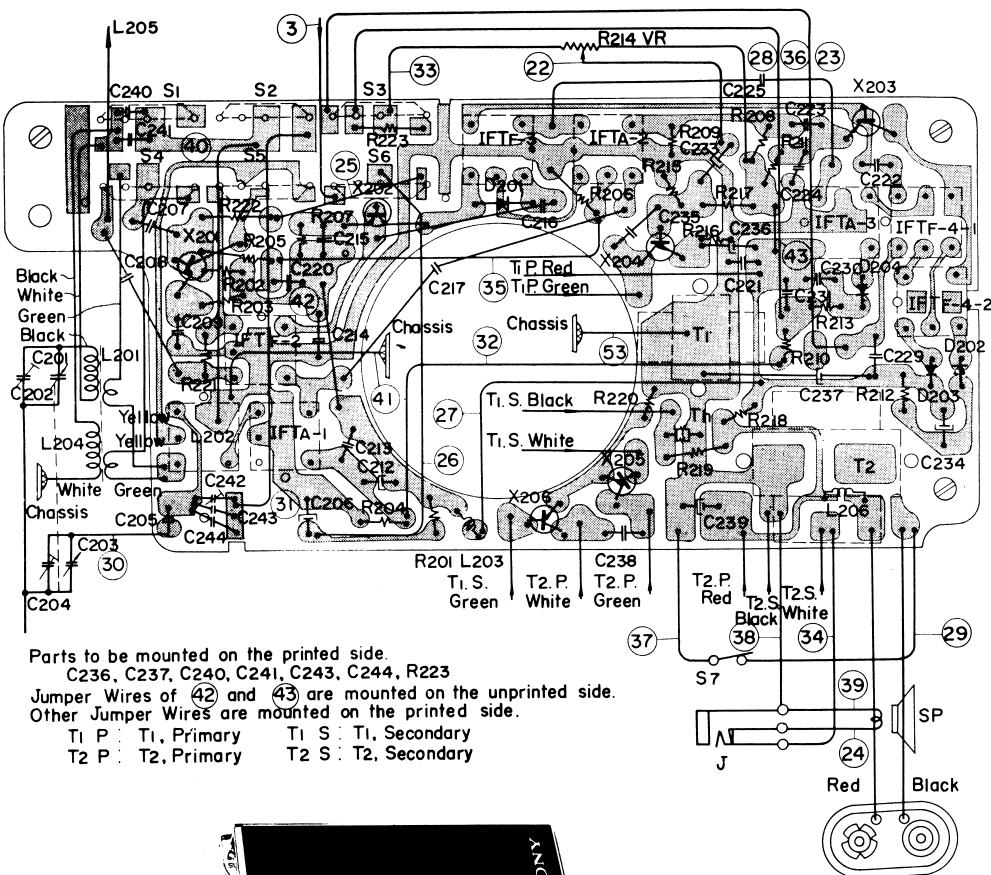
Part No.	Symbol	Description	Part No.	Symbol	Description	Part No.	Symbol	Description
1-501-038-11	Tel. ANT	Telescopic Antenna	1-203-421-00	R ₁₀₂	1KΩ 1/16W Carbon	1-101-072-14	C ₁₁₅	0.01μF Ceramic
1-401-165-11	L ₁₀₁	FM Antenna Coil	-439-00	*R ₁₀₃	12KΩ " "	1-151-066-11	C _{201, 203}	Tuning Capacitor, 4 gang
1-425-046-11	L ₁₀₂	FM RF Coil	-421-00	R ₁₀₄	1KΩ " "	-066-11	C _{202, 204}	Trimmer Capacitor, 4 unit
1-409-025-11	L ₁₀₃	FM IF Trap Coil	-426-00	R ₁₀₅	7.5KΩ " "	1-103-024-11	C ₂₀₅	130PF Styrol
1-405-244-11	L ₁₀₄	FM Oscillator Coil	-439-00	*R ₁₀₆	12KΩ " "	1-121-105-00	C ₂₀₆	10μF 10V Electrolytic
1-401-180-11	L ₂₀₁	MW Ferrite Bar Antenna	-423-00	R ₁₀₇	2.2KΩ " "	1-105-043-11	C ₂₀₇	0.005μF Mylar
1-405-054-22	L ₂₀₂	AM Oscillator Coil	-594-00	R ₂₀₁	100Ω " "	1-101-012-11	C ₂₀₈	5PF Ceramic
1-407-029-11	L ₂₀₃	Micro Inductor 47μH	1-204-010-00	R ₂₀₂	68KΩ " "	1-105-043-11	C ₂₀₉	0.005μF "
1-401-180-11	L ₂₀₄	LW Ferrite Bar Antenna	1-203-439-00	R ₂₀₃	12KΩ " "		C ₂₁₀	150PF (built in IFTA-1)
1-407-034-11	L ₂₀₅	Micro Inductor 1μH	-618-00	*R ₂₀₄	91KΩ " "		C ₂₁₁	50PF (built in IFTA-2)
-029-11	L ₂₀₆	" 47μH	-427-00	R ₂₀₅	10KΩ " "	1-121-104-00	C ₂₁₂	10μF 6V Electrolytic
1-403-231-11	IFTF-1	FM IF Transformer	-438-00	R ₂₀₆	6.8KΩ " "	1-101-072-14	C ₂₁₃	0.01μF Ceramic
-232-11	IFTF-2	FM "	-420-00	R ₂₀₇	470Ω " "	-072-14	C ₂₁₄	0.01μF "
-233-11	IFTF-3	FM "	-997-00	R ₂₀₈	3.6KΩ " "	1-105-043-11	C ₂₁₅	0.005μF Mylar
-234-11	IFTF-4-1	FM Discriminator	-439-00	R ₂₀₉	12KΩ " "		C ₂₁₆	
-234-21	IFTF-4-2	FM "	-425-00	R ₂₁₀	5.6KΩ " "	1-101-009-11	C ₂₁₇	1PF Ceramic
-026-00	IFTA-1	AM IF Transformer	-339-00	R ₂₁₁	1.8KΩ " "		C ₂₁₈	150 PF (built in IFTA-2)
-026-00	IFTA-2	AM "	-427-00	R ₂₁₂	10KΩ " "		C ₂₁₉	50PF (built in IFTA-3)
-027-00	IFTA-3	AM "	-420-00	R ₂₁₃	470Ω " "	1-101-072-14	C ₂₂₀	0.01μF Ceramic
1-423-062-11	T ₁	Driver Transformer	1-221-381-11	R ₂₁₄	5KΩ Volume Control	-072-14	C ₂₂₁	0.01μF "
1-427-090-11	T ₂	Output Transformer	1-203-427-00	R ₂₁₅	10KΩ 1/16W Carbon	-011-11	C ₂₂₂	3PF "
1-513-200-11	S ₁₋₆	Band Setting Switch	-422-00	R ₂₁₆	1.5KΩ " "	-072-14	C ₂₂₃	0.01μF "
	S ₇	Power Switch (built in R ₂₁₄)	-634-00	R ₂₁₇	33KΩ " "	1-105-043-11	C ₂₂₄	0.005μF Mylar
1-507-038-02	J	Earphone Jack	-419-00	R ₂₁₈	220Ω " "	1-101-011-11	C ₂₂₅	3PF Ceramic
1-502-090-11	SP	Speaker	-438-00	R ₂₁₉	6.8KΩ " "		C ₂₂₆	150PF (built in IFTA-3)
1-528-006-00	Batt.	Battery (9V)	-418-00	R ₂₂₀	10Ω " "		C ₂₂₇	33PF (built in IFTA-4)
			-629-00	R ₂₂₁	15KΩ " "		C ₂₂₈	130PF (built in IFTA-4)
	X ₁₀₁	Transistor 2SA163	1-204-010-00	R ₂₂₂	68KΩ " "	1-101-074-11	C ₂₂₉	0.04μF Ceramic
	X ₁₀₂	" 2SA124	1-203-997-00	R ₂₂₃	3.6KΩ " "	-073-14	C ₂₃₀	0.02μF "
	X ₂₀₁	" 2SA122				-072-14	C ₂₃₁	0.01μF "
	X ₂₀₂	" 2SA122					C ₂₃₂	—deleted—
	X ₂₀₃	" 2SA122	1-151-066-11	C _{101, 108}	Tuning Capacitor, 4 gang	1-121-178-00	C ₂₃₃	3μF 12V Electrolytic
	X ₂₀₄	" 2SD65	-066-11	C _{102, 104}	Trimmer Capacitor, 4 unit	-112-00	C ₂₃₄	10μF 3V "
	X ₂₀₅	" 2SD65	1-101-097-11	C ₁₀₅	60PF Ceramic	1-103-217-12	C ₂₃₅	100PF Styrol
	X ₂₀₆	" 2SD65	-072-14	C ₁₀₆	0.01μF "	1-121-110-00	C ₂₃₆	30μF 10V Electrolytic
	D ₂₀₁	Diode 1T26	-072-14	C ₁₀₇	0.01μF "	-110-00	C ₂₃₇	30μF 10V "
	D ₂₀₂	" 1T26	-530-11	C ₁₀₈	22PF "	1-101-073-14	C ₂₃₈	0.02μF Ceramic
	D ₂₀₃	" 1T26	-048-11	C ₁₀₉	4PF "	1-121-110-00	C ₂₃₉	30μF 10V Electrolytic
	D ₂₀₄	" 1T23	1-103-058-12	C ₁₁₀	500PF Styrol	1-101-120-11	C ₂₄₀	30PF Ceramic
	Th	Thermistor CS-120	1-101-072-14	C ₁₁₁	0.01μF Ceramic	-011-11	C ₂₄₁	3PF "
			-530-11	C ₁₁₂	22PF "	1-141-024-11	C ₂₄₂	Trimmer Capacitor
			-048-11	C ₁₁₃	4PF "	1-103-228-11	C ₂₄₃	120PF Styrol
1-203-426-00	R ₁₀₁	7.5KΩ 1/16W Carbon		C ₁₁₄	50PF (built in IFTA-1)		C ₂₄₄	

* To be adjusted

C₂₁₆, C₂₄₄: Used in some sets for adjustment purpose

Mounting Diagram for IF-AF Section

—Printed Side—



Parts to be mounted on the printed side.

C236, C237, C240, C241, C243, C244, R223

Jumper Wires of (42) and (43) are mounted on the unprinted side.

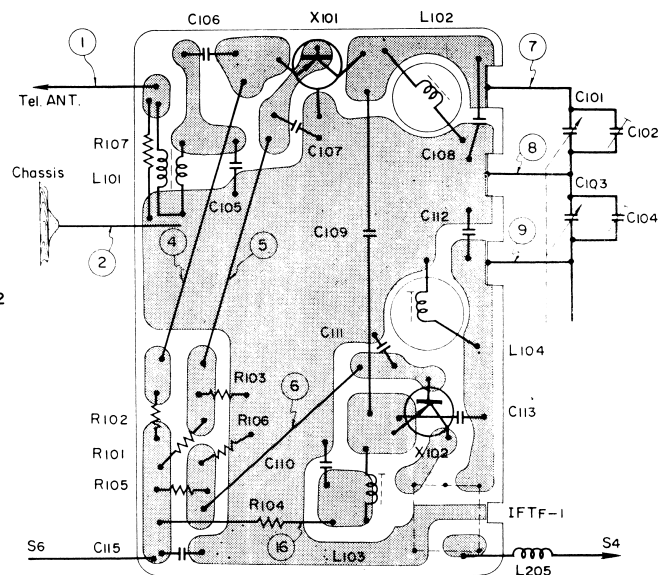
Other Jumper Wires are mounted on the printed side.

T1 P: T1, Primary T1 S: T1, Secondary

T2 P: T2, Primary T2 S: T2, Secondary

Diagram for Tuner Section

—Printed Side—



R107 and C113 are mounted on the printed side.

Jumper Wires of (4), (5) and (6) are mounted on the printed side.

P. V. C. Wire			No.	Color	For Connection
①	White	Tel. ANT—L101	①	Black	T ₂ —J
②	Black	Chassis—L101	②	"	T ₂ —SP
③	Red	S ₆ —C113	③	"	S ₂ —L202
④	White	R ₂₁₄ —C235	④	"	T ₂ —Chassis
⑤	"	S ₁ —C236	⑤	"	T ₁ —Chassis
⑥	Red	S ₆ —R202	Tinned Copper Wire		
⑦	"	S ₆ —C206	No.	Dis.	For Connection
⑧	"	L203—R218	①	0.4φ	X101—R102
⑨	"	R214—R208	②	"	X101—R103
⑩	"	B—S ₁	③	"	X101—R106
⑪	Yellow	S ₁ —C237	④	"	C213—C214
⑫	"	R201—R101	⑤	"	C221—R213
⑬	"	T ₁ —J	Braided Wire		
⑭	"	R201—R208	No.		For Connection
⑮	Green	S ₆ —C238	①	3 mm	C101—L102
⑯	"	S ₁ —C239	②	"	C101 (B)—G
⑰	"	S ₁ —C240	③	"	C101—L104