ICF-7600

E Model
UK Model
AEP Model

FM/MW/SW 7BAND RECEIVER

SPECIFICATIONS

Power Requirement: 6V dc, four batteries size AA (IEC Designation R6)
120V ac (110, 220, or 240V ac adjustable by Sony Personnel)
50/60 Hz with optional Sony AC Power Adaptor AC-4A (E model), AC-15A (UK model) or AC-456C (AEP model)
12V car battery with Sony Car Battery Cord DCC-127H (optional)

Frequency Range:

FM	76–108 MHz
SW1	3.9–4.0 MHz (75m)
SW2	5.95–6.20 MHz (49m)
SW3	9.5–9.8 MHz (31m)
SW4	11.7–12.0 MHz (25m)
SW5	15.1–15.5 MHz (19m)
MW	530–1,605 kHz (566–187m)

Antennas:
FM: Telescopic antenna
SW: Telescopic antenna, external antenna terminal
MW: Built-in ferrite-rod antenna

Power Output: 350 mW (at 10% harmonic distortion)

Speaker: Approx. 7.7 cm (3 inches) dia.

Output:
Recording (minijack) 1
Earphone (minijack) 1

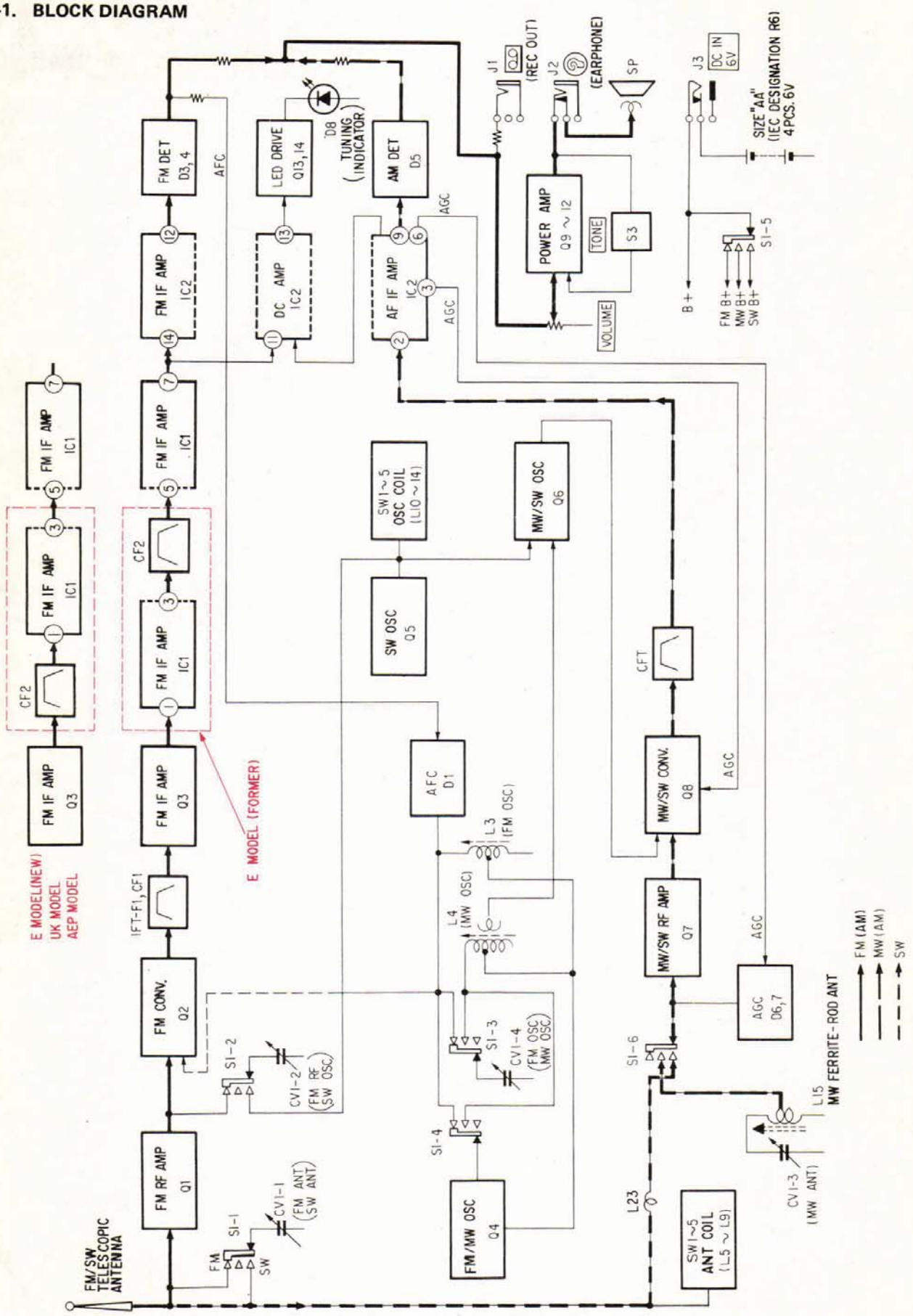
Dimensions: Approx: 179(w) x 117(h) x 31(d) mm
$7^{1}/_{8}$ (w) x $4^{5}/_{8}$ (h) x $1^{1}/_{4}$ (d) inches
not including projecting parts and controls

Weight: Approx. 600 g (1 lb 6 oz.) including batteries

SONY®
SERVICE MANUAL

SECTION 1
BLOCK DIAGRAM

1-1. BLOCK DIAGRAM



1-2. SERVICING NOTE

S4 (Power Switch)

S4 is connected as shown in Fig. 1.

When the band (FM, MW or SW) switch is pushed, only pushed switch is turned on. On the other hand, the OFF switch keeps on always, but the OFF switch becomes off for a moment when the band switch is pushed.

As a result, check for the OFF switch when the power is not supplied at all modes, and the specified switch at specified modes.

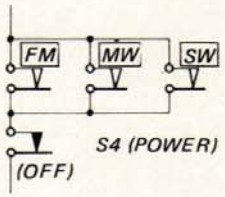


Fig. 1

L10 – 14 (SW OSC Coils)

A coil is connected between pin (1) and pin (3) at each SW OSC coil; L10, 11, 12, 13 and 14 as shown in Fig. 3.

Therefore, be careful not to install them on the circuit board reversely.

The pin (4) is used to ground the shield case.

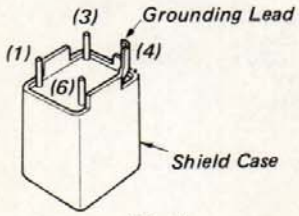


Fig. 2

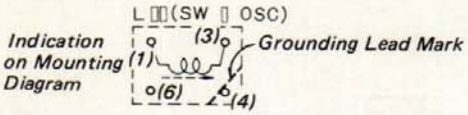


Fig. 3

IFT-F1

The IFT-F1 has the five leads as shown in Fig. 4.

The circuit board has six holes for IFT-F1. Therefore, be careful to the direction of installation when replacing it.

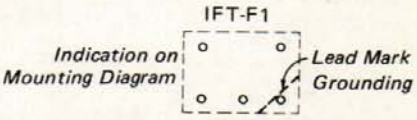


Fig. 4

Masking Plate for Adjustment Holes

The masking plate is used under the VOLUME knob to mask the adjustment holes for L8 (SW2 ANT) and L11 (SW4 OSC) as shown in Fig. 5.

When adjusting L8 and L11, pull off the VOLUME knob, and then leave out the plate with a flat-bit screwdriver.

Note: Adhere the plate securely on the chassis after adjusting L8 or L11.

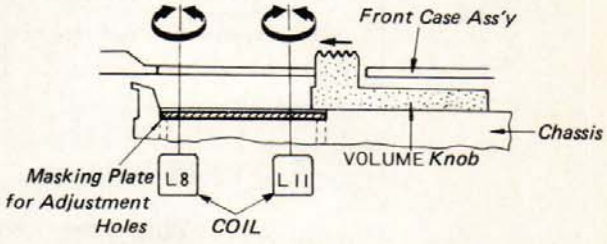


Fig. 5

FM Oscillator Voltage Injection

This receiver does not employ the coupling capacitor for oscillator voltage injection.

Accordingly, the local oscillator voltage is injected by the inductive-coupling between L2 (FM RF coil) and L3 (FM OSC coil) and stray-capacitance between both circuits.

1-3. CIRCUIT DESCRIPTION

Tuning Circuit

This receiver that employs the bandspread tuning circuit for SW bands changes the tank circuit at each band position as shown in Fig. 6.

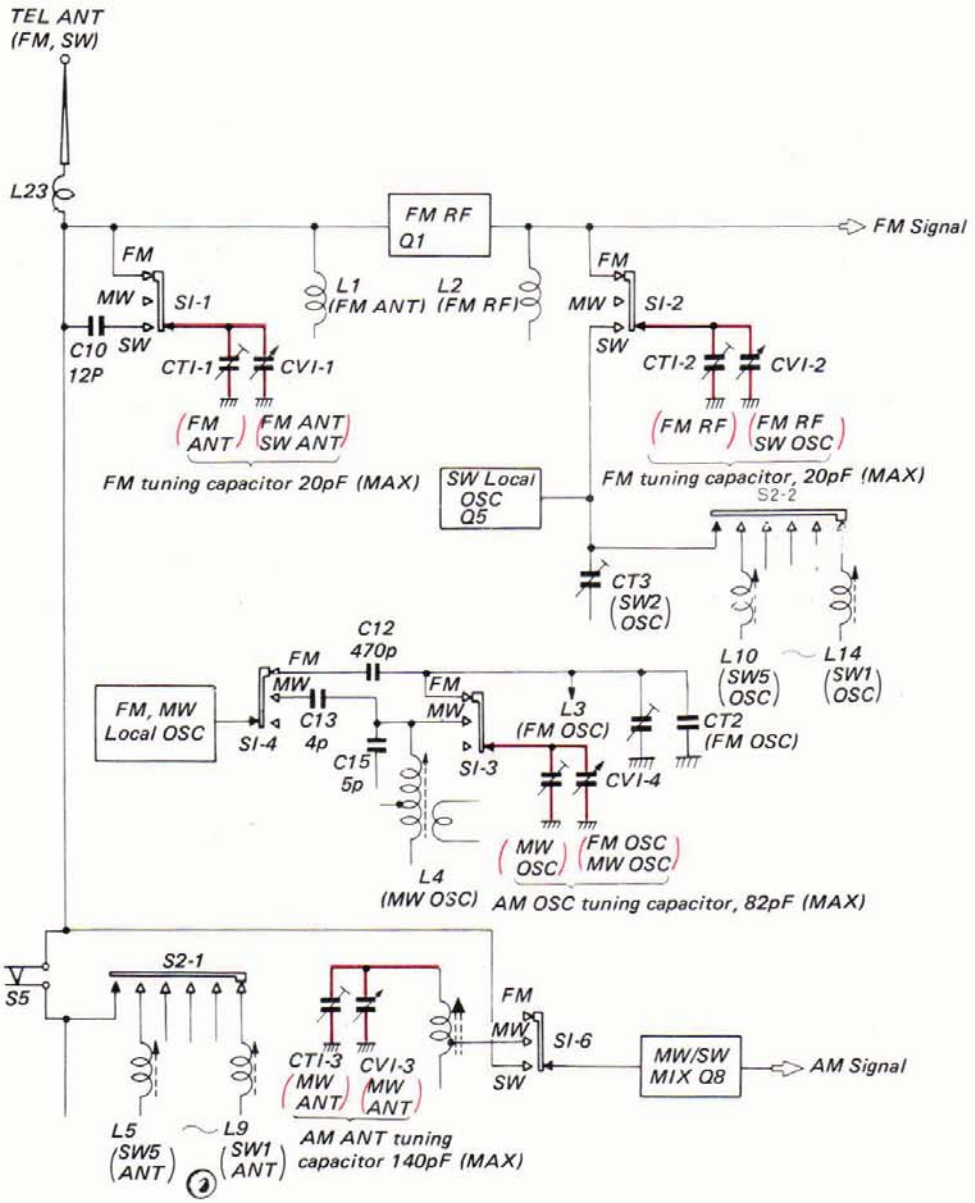
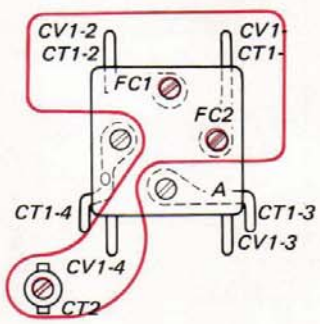


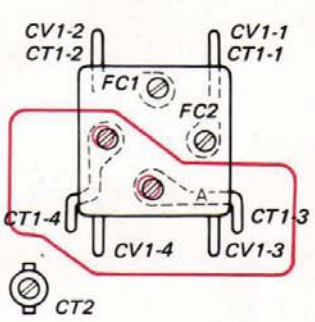
Fig. 6

The tuning capacitors and the trimmer capacitors used at each band position are located as shown below.

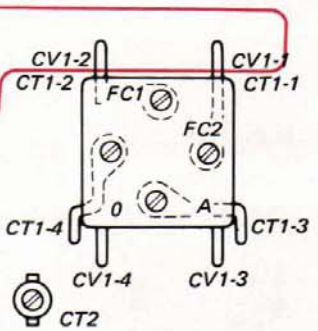
– FM –



– MW –



– SW –

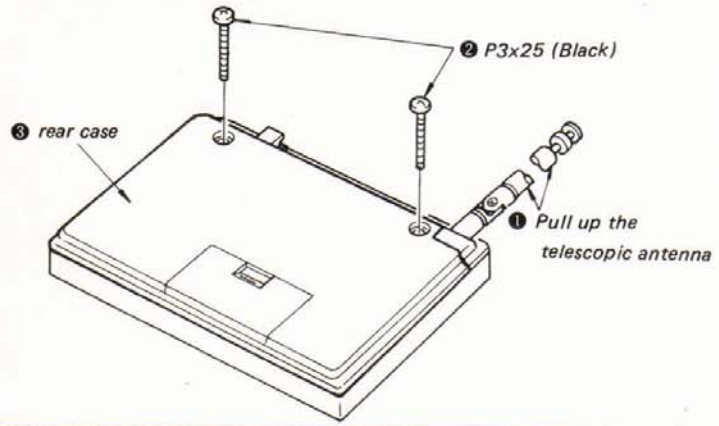


SECTION 2

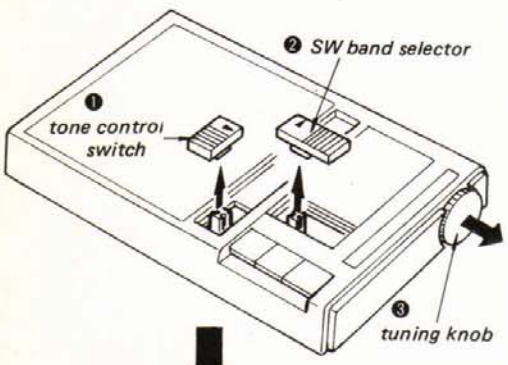
DISASSEMBLY

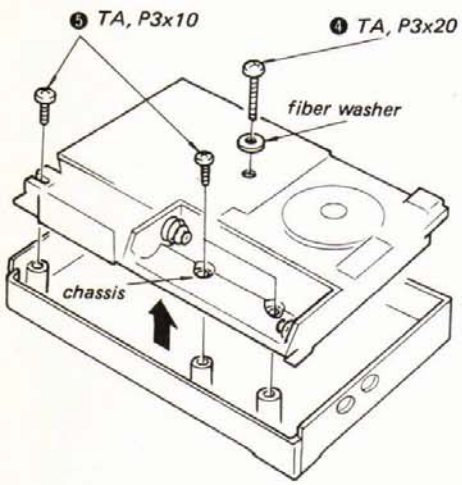
Remove the parts in the numerical order.

REAR CASE REMOVAL

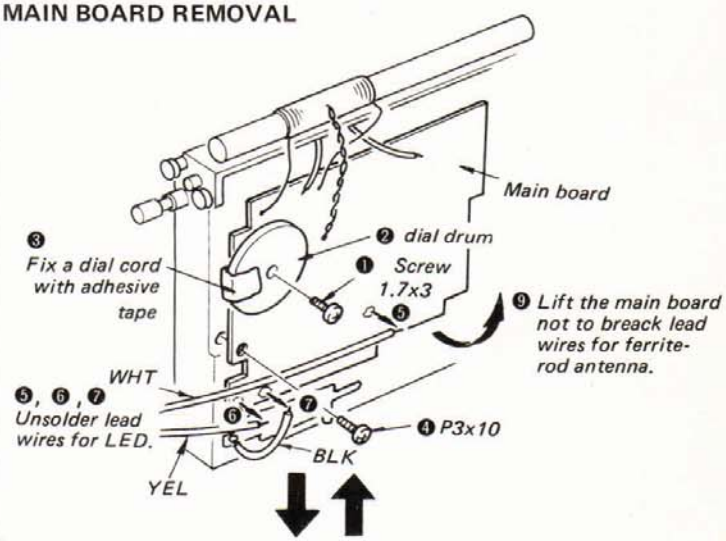


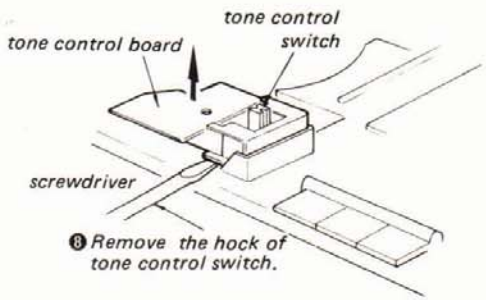
CHASSIS REMOVAL





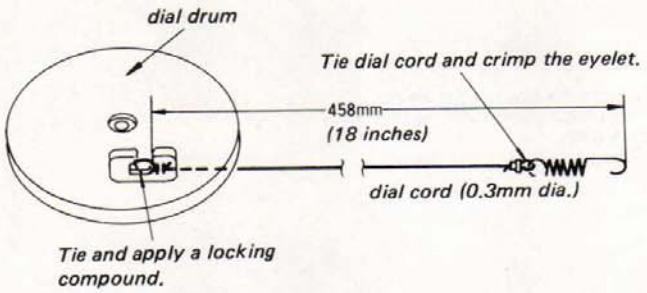
MAIN BOARD REMOVAL





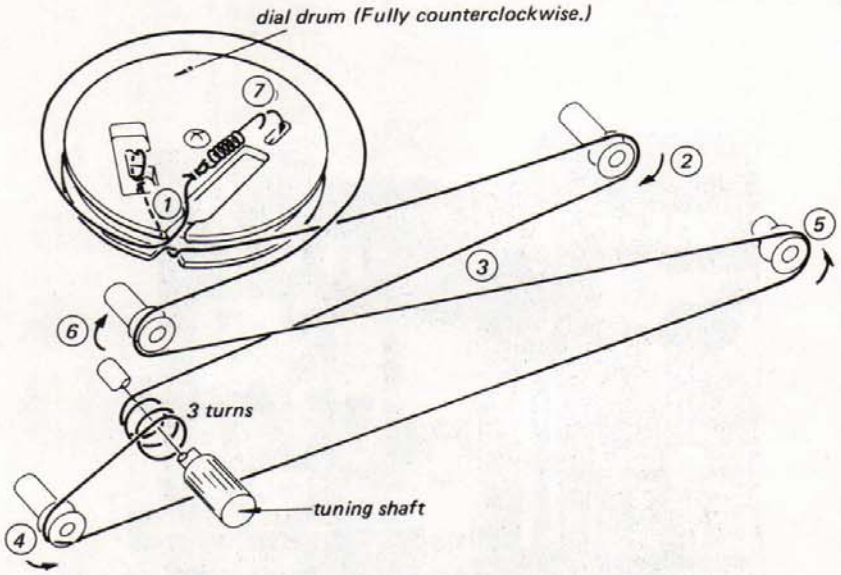
DIAL CORD STRINGING

1. Dial Cord Preparation



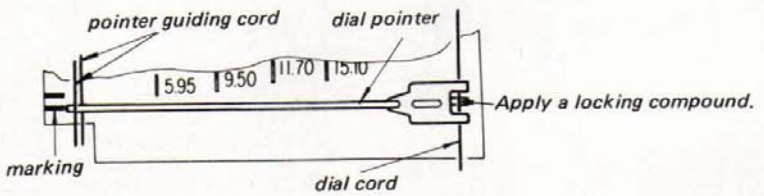
2. Dial Cord Stringing

String the dial cord in the numerical order.



3. Dial Pointer Setting

Slide the dial pointer on the edge of the dial scale and place it on the marking of the dial scale.

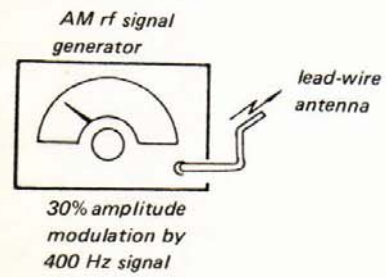


SECTION 3

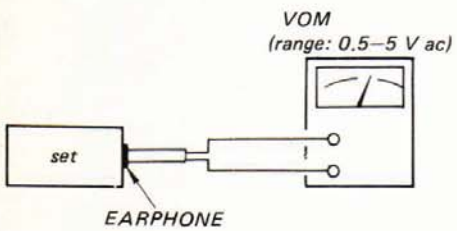
ADJUSTMENTS

Adjust in following order; MW, FM, SW2, SW1, 3 ~ 5.

1. MW SECTION

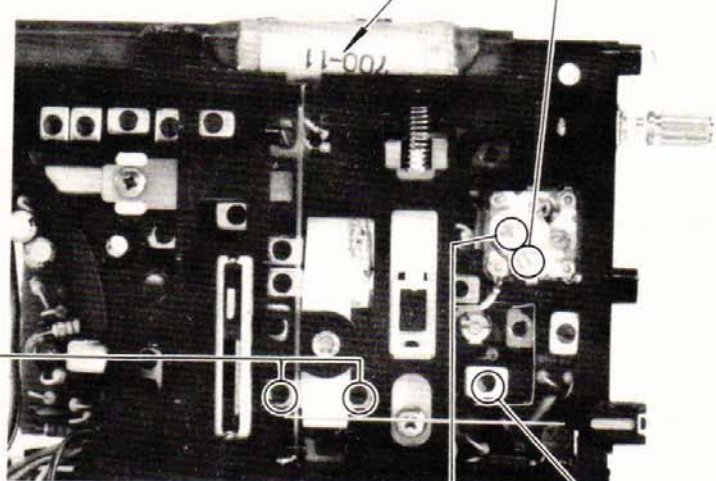


Repeat the adjustment several times for a maximum reading on VOM.



MW TRACKING ADJUSTMENT	
600kHz	1,400kHz
L15	CTI-3

FM IF ALIGNMENT (1)	
10.7MHz	IFT F1
	IFT F2



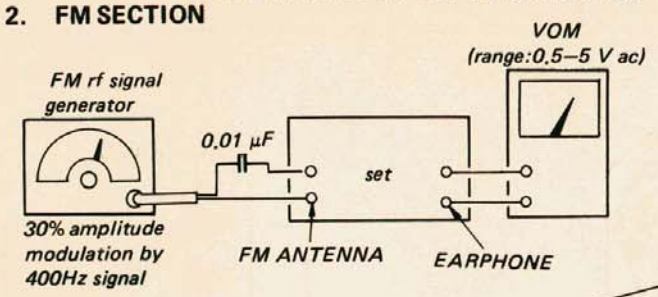
AM IF ALIGNMENT	
455 kHz (E model) 468 kHz (AEP, UK model)	CFT

CTI-4	L4
1,650kHz	520kHz
MW FREQUENCY COVERAGE ADJUSTMENT	

SW1, 3-5 FREQUENCY COVERAGE ADJUSTMENT		
	15.30MHz	SW5 OSC L10
	11.85MHz	SW4 OSC L11
	9.65MHz	SW3 OSC L12
	3.95MHz	SW1 OSC L14

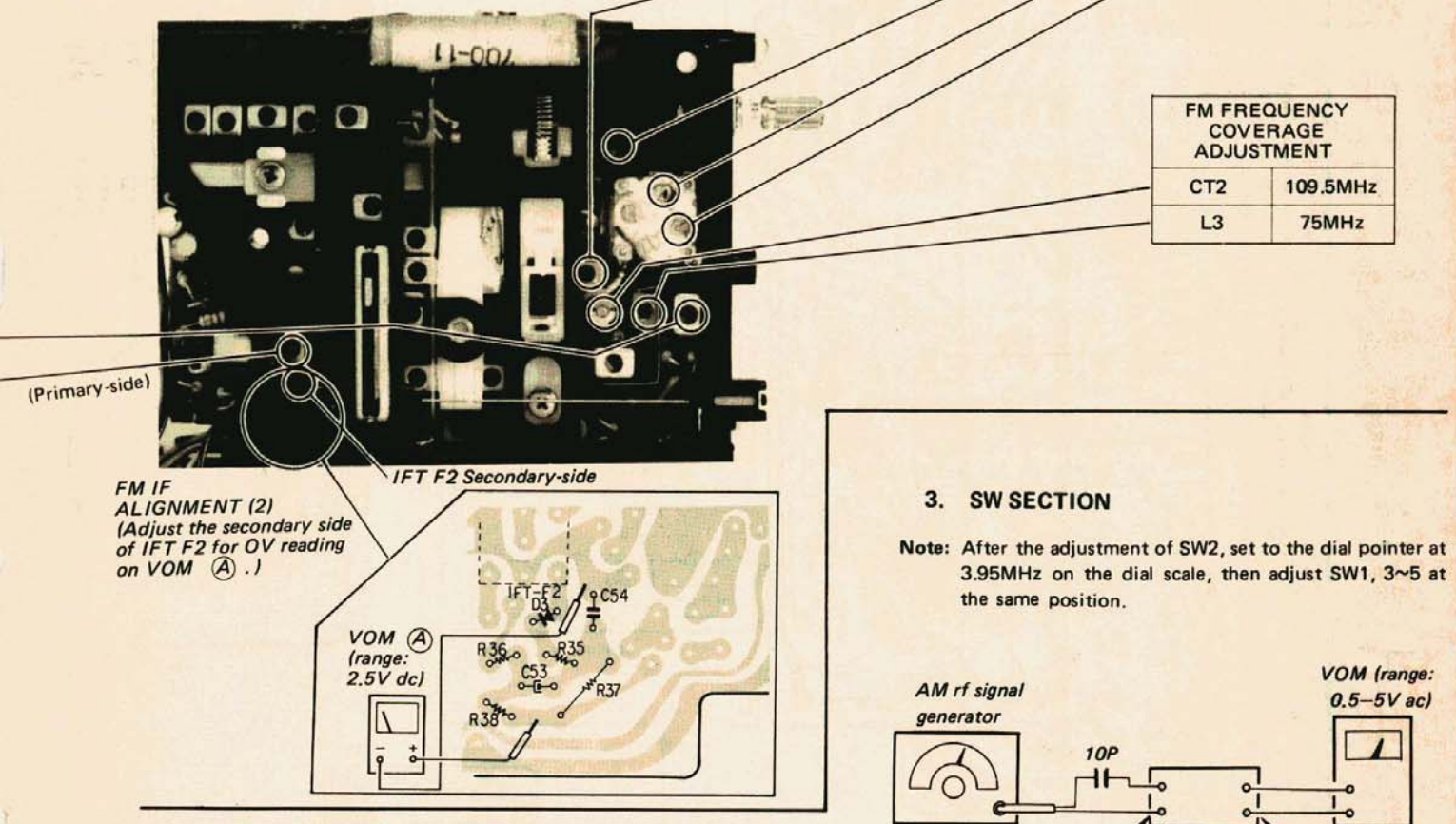
Repeat each adjustment for a maximum reading on VOM except for FM IF ALIGNMENT (2).

2. FM SECTION



FM TRACKING ADJUSTMENT			
77MHz		106MHz	
L2	L1	CTI-2	CTI-1

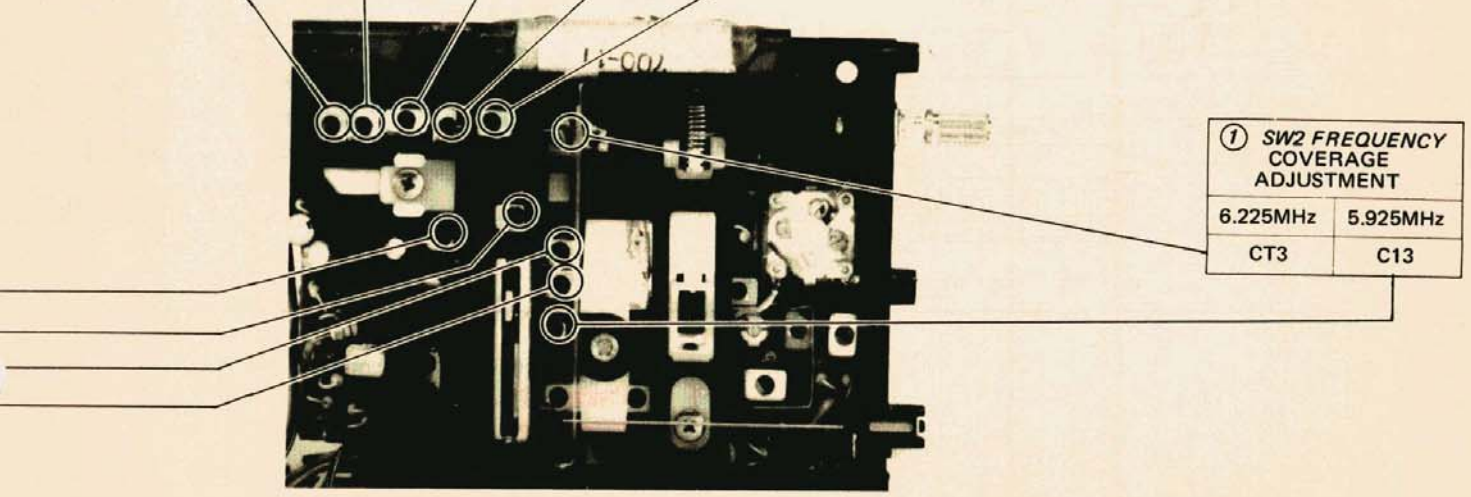
FM FREQUENCY COVERAGE ADJUSTMENT	
CT2	109.5MHz
L3	75MHz



3. SW SECTION

Note: After the adjustment of SW2, set to the dial pointer at 3.95MHz on the dial scale, then adjust SW1, 3~5 at the same position.

③ SW1~5 TRACKING ADJUSTMENT				
15.30MHz	11.85MHz	9.65MHz	3.95MHz	6.075MHz
SW5 ANT L5	SW4 ANT L6	SW3 ANT L7	SW1 ANT L9	SW2 ANT L8



① SW2 FREQUENCY COVERAGE ADJUSTMENT	
6.225MHz	5.925MHz
CT3	C13

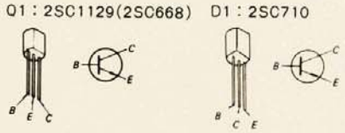
SECTION 4
DIAGRAMS

4-1. MOUNTING DIAGRAM (FORMER E MODEL)

– Conductor Side –

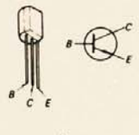
● Replacement Semiconductors.
For replacement, use semiconductors except in ( ).

Q1 : 2SC1129(2SC668)

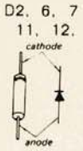


D1 : 2SC710

Q2, 8 : 2SC710

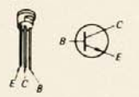


D2, 6, 7, 11, 12, 13 : 1S1555

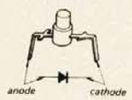


D3, 4, 5 : 1T261

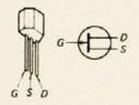
Q3, 4, Q5, 6 : 2SC930



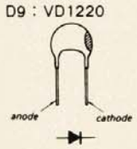
D8 : SEL103R



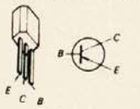
Q7 : 2SK42



D9 : VD1220

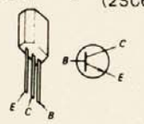


Q9 : 2SA678(2SA677)



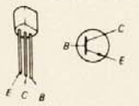
D10 : U05G(GP08B)

Q10, 13, Q14 : 2SC634A (2SC633A)

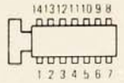


IC1 : IC CX161

Q11 : 2SC1474

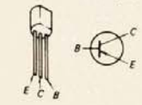


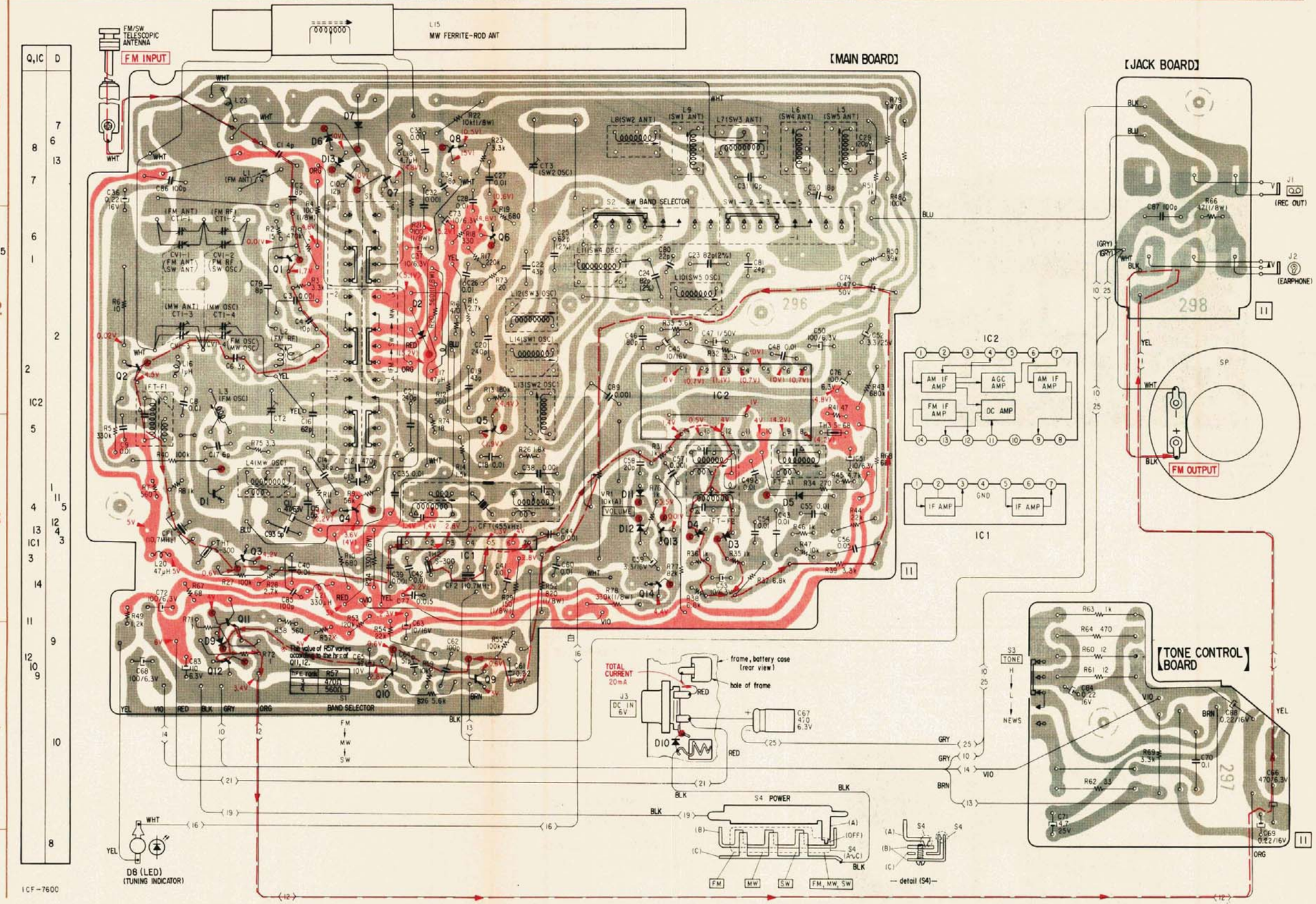
IC2 : IC CX162



(Top view)

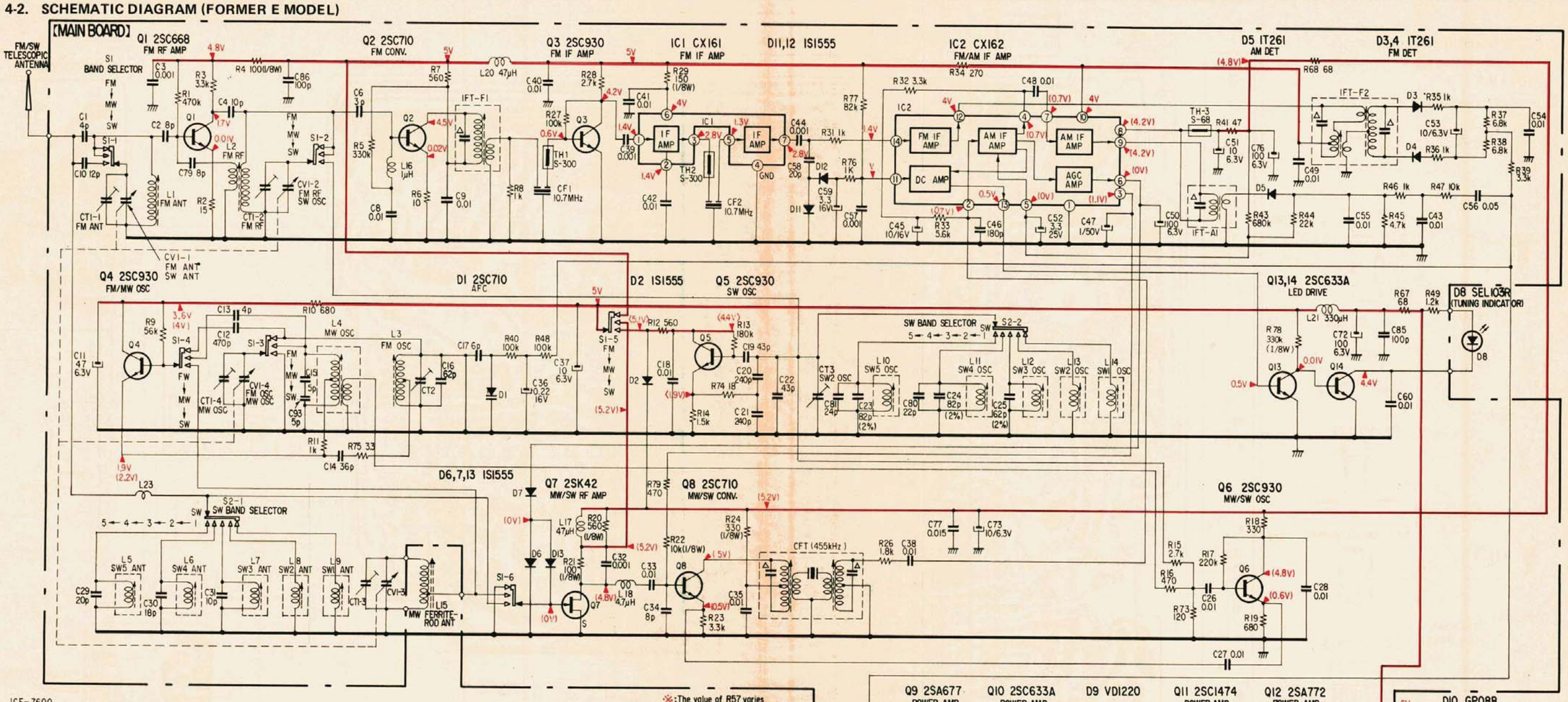
Q12 : 2SA684(2SA772)





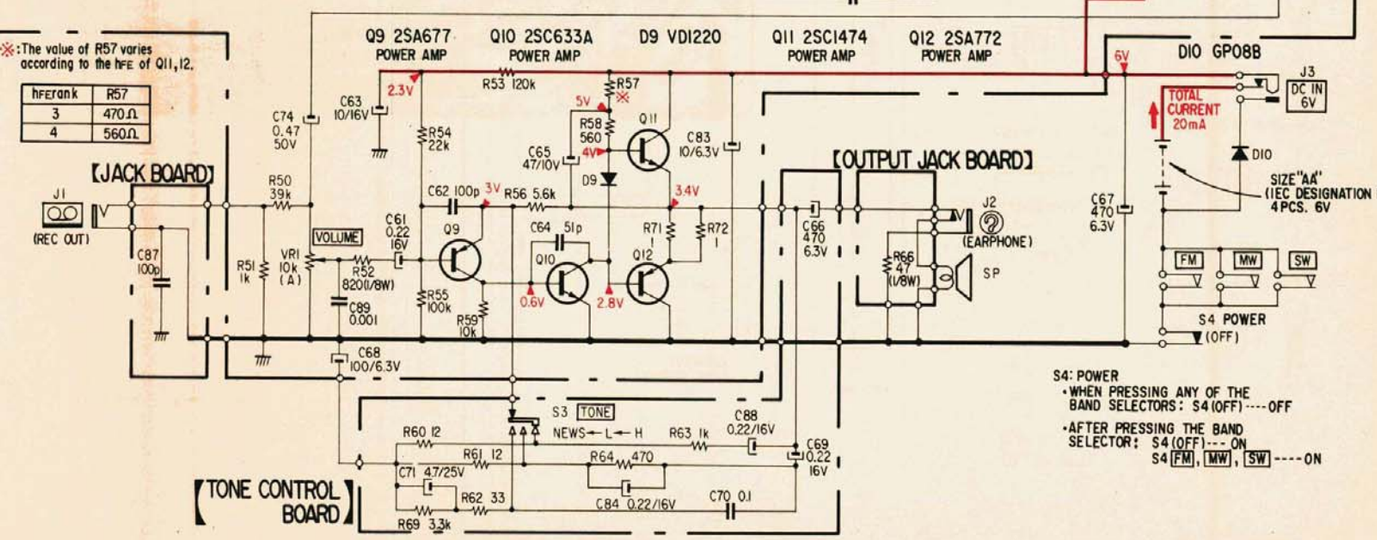
Note:
- ⊣: indicates side identified with part number.
- : B + pattern.
- signal path.
- grouding lead mark.
- ( ) : MW
- < > : SW

4-2. SCHEMATIC DIAGRAM (FORMER E MODEL)



※:The value of R57 varies according to the hFE of Q11,12.

hFE rank	R57
3	470Ω
4	560Ω



Note:

- All capacitors are in μF unless otherwise noted. pF = μμF 50 WV or less are not indicated except for electroytics.
- All resistors are in ohms, ¼W unless otherwise noted. kΩ = 1000Ω; MΩ = 1000 kΩ.
- ±2% indicates component tolerance.
- △ : internal component.
- ※ : selected to yield optimum performance.
- Transistor is used for D1.
- ▬▬: B+ bus.
- ▭: panel designation.
- Readings are taken under no-signal (detuned) conditions with a VOM (20 kΩ/V).
  ( ): MW
  < >: SW

SWITCH

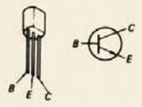
Ref. No.	Swith	Position
S1-1~6	BAND SELECTOR (MAIN)	FM
S2-1, 2	SW BAND SELECTOR	SW 1
S3	TONE	H
S4	POWER	–

4-3. MOLINKING DIAGRAM (LATTER E MODEL, UK MODEL, AEP MODEL)

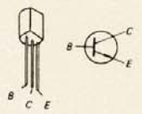
– Conductor Side –

● Replacement Semiconductors.
For replacement, use semiconductors except in ( ).

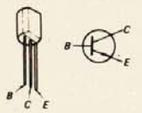
Q1 : 2SC1129(2SC668)



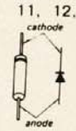
D1 : 2SC710



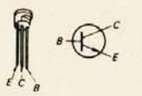
Q2, 8 : 2SC710



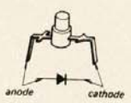
D3, 4, 5 : 1T261
D2, 6, 7, 11, 12, 13 : 1S1555



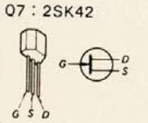
Q3, 4, Q5, 6 : 2SC930



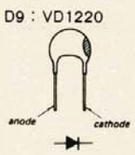
D8 : SEL103R



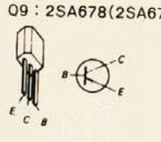
Q7 : 2SK42



D9 : VD1220

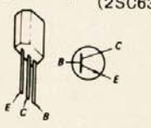


Q9 : 2SA678(2SA677)



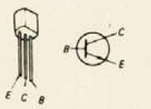
D10 : U05G(GP08B)

Q10, 13, Q14 : 2SC634A (2SC633A)

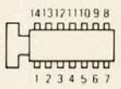


IC1 : IC CX161

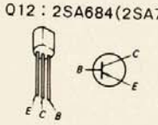
Q11 : 2SC1474

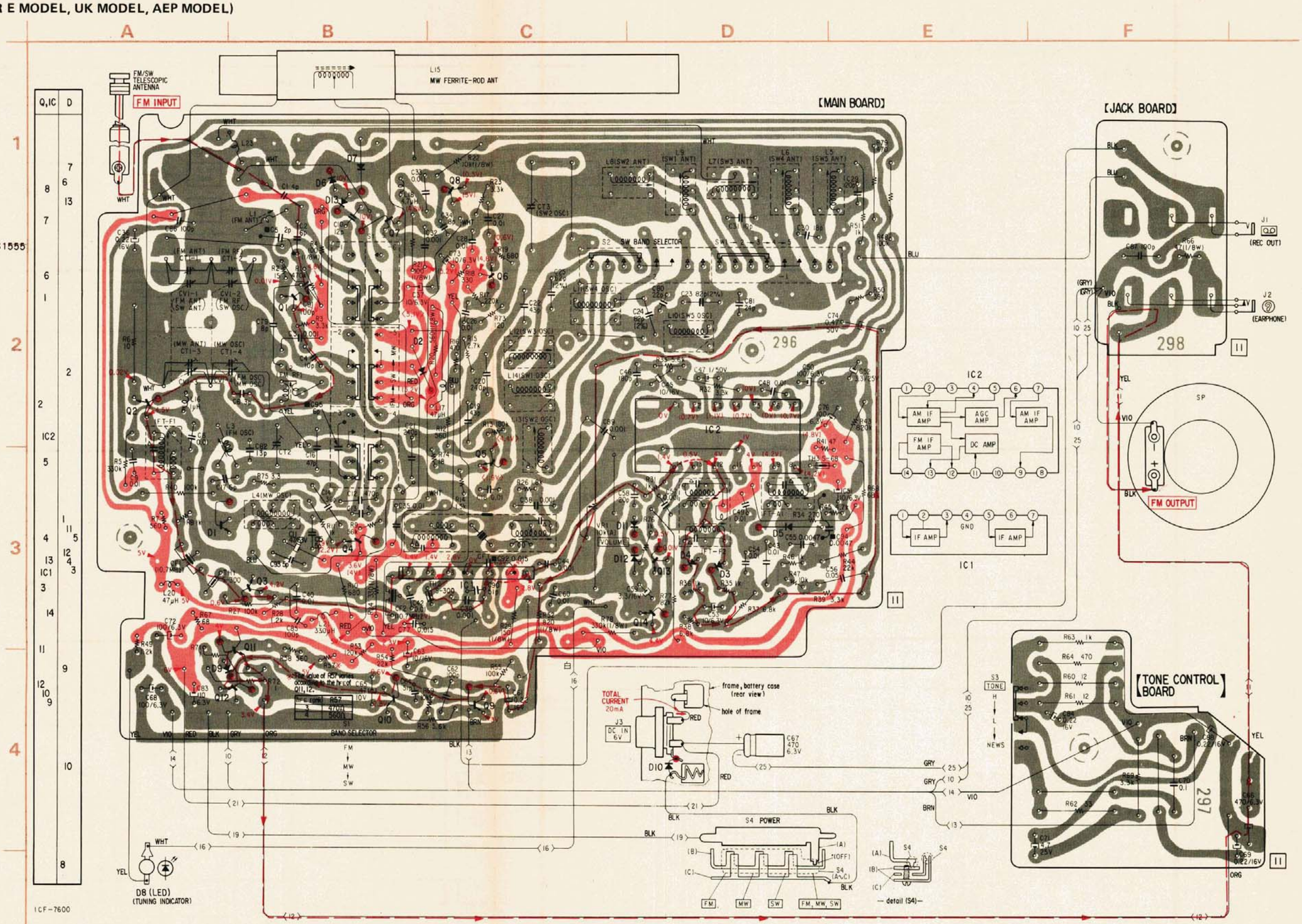


IC2 : IC CX162



Q12 : 2SA684(2SA772)

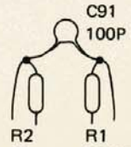




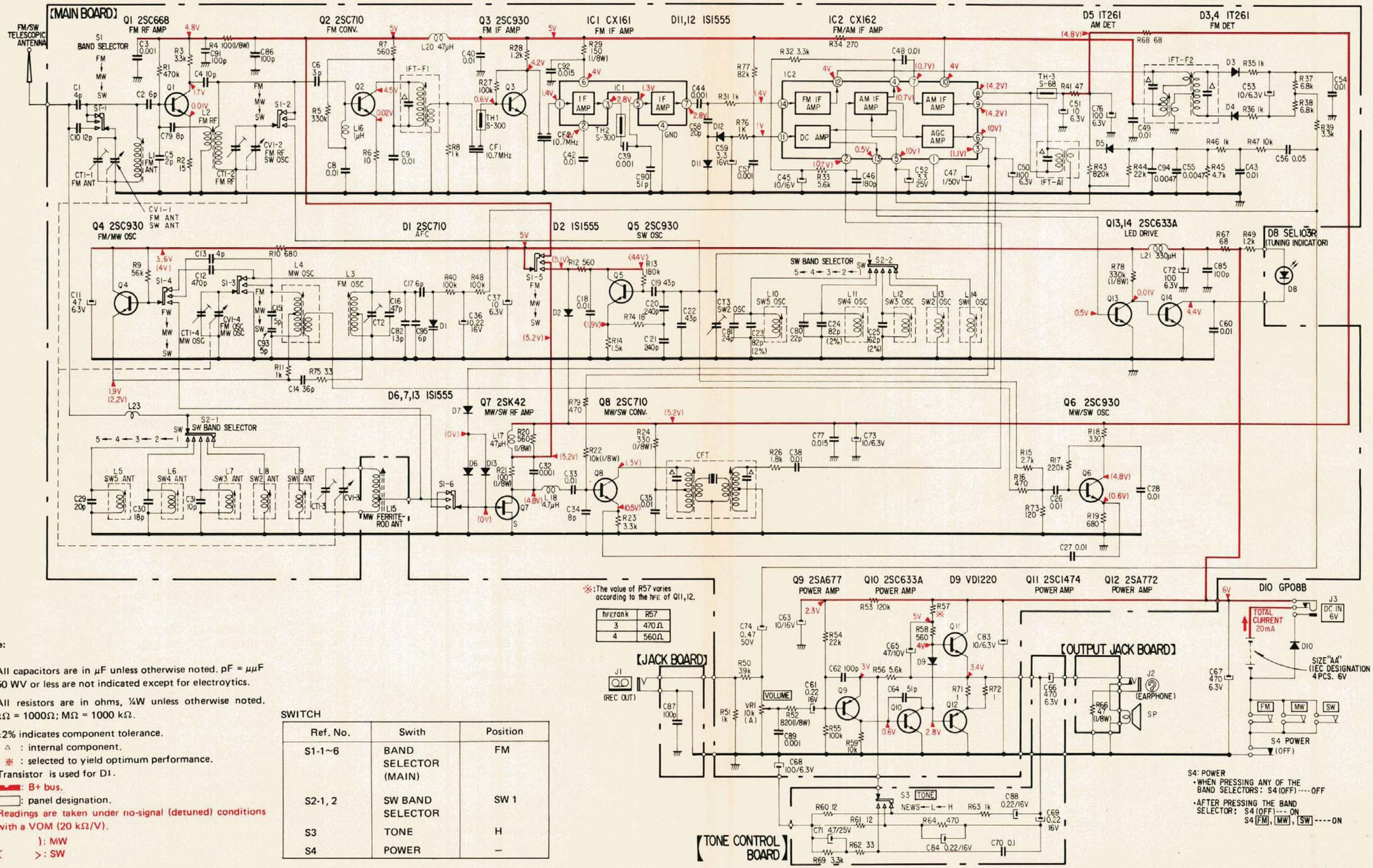
Note:

- ■←: indicates side identified with part number.
- ■: B + pattern.
- ■: signal path.
- grouding lead mark.
- ( ) : MW
- < >: SW
- ● ■ 印はパターン面側取付部品。

● Installation of C91



4-4. SCHEMATIC DIAGRAM (LATER E MODEL, UK MODEL, AEP MODEL)



Note:

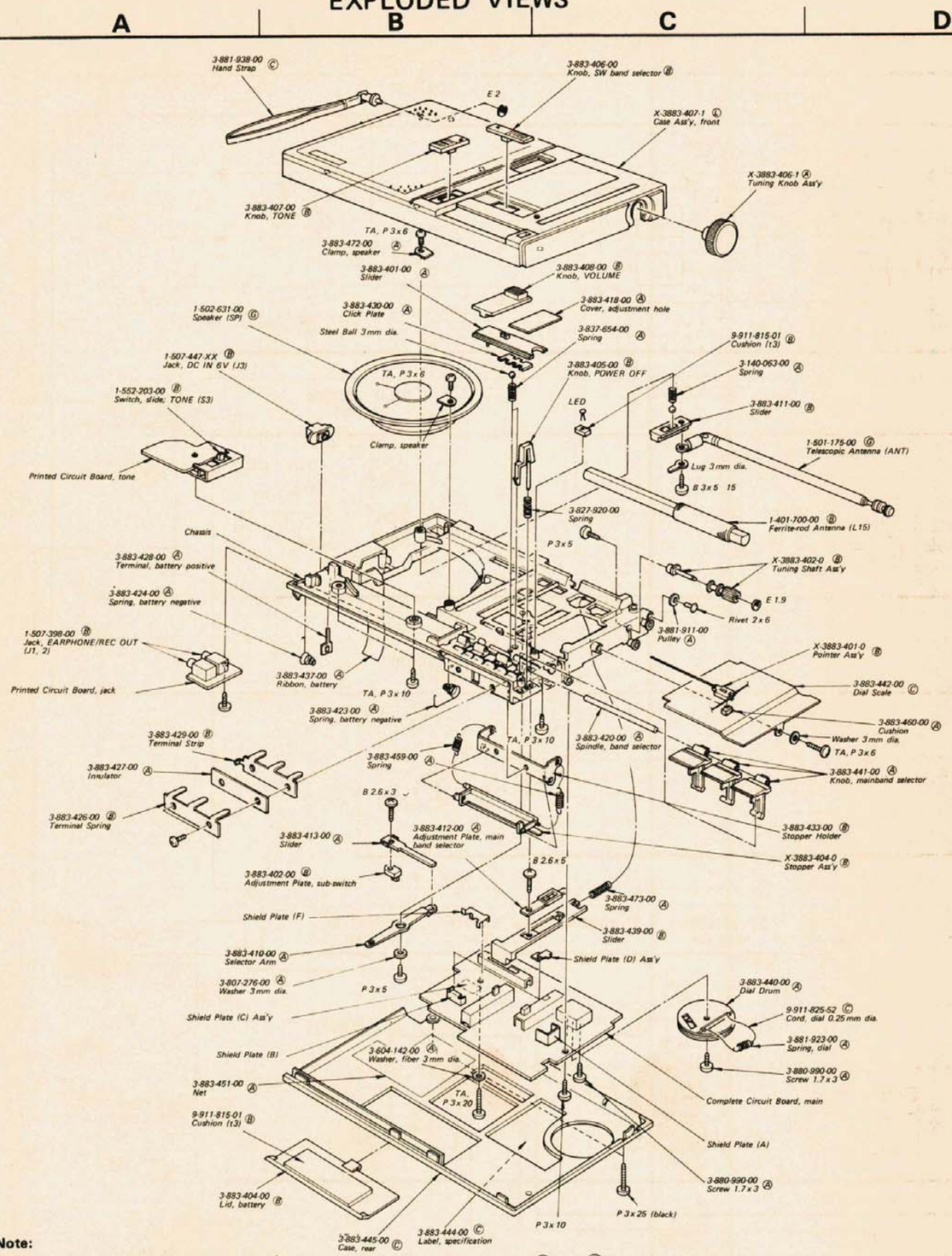
- All capacitors are in μF unless otherwise noted. pF = μμF 50 WV or less are not indicated except for electroytics.
- All resistors are in ohms, ¼W unless otherwise noted. kΩ = 1000Ω; MΩ = 1000 kΩ.
- ±2% indicates component tolerance.
- △ : internal component.
- ※ : selected to yield optimum performance.
- Transistor is used for D1.
- ▬▬: B+ bus.
- ▭: panel designation.
- Readings are taken under no-signal (detuned) conditions with a VOM (20 kΩ/V).
  ( ): MW
  < >: SW

SWITCH

Ref. No.	Swith	Position
S1-1~6	BAND SELECTOR (MAIN)	FM
S2-1, 2	SW BAND SELECTOR	SW 1
S3	TONE	H
S4	POWER	–

ICF-7600

SECTION 5
EXPLODED VIEWS



Note:

- Items with no part number and/or no description are not stocked because they are seldom required for routine service.
- All screws are Phillips (cross recess) type unless otherwise noted.
  (–) = slotted head.
- Circled letters (Ⓐ to Ⓩ) are applicable to European models only.

SECTION 6
ELECTRICAL PARTS LIST

Note: Circled letters (Ⓐ to Ⓩ) are applicable to European models only.

Ref. No.	Part No.	Description
		SEMICONDUCTORS
		Transistors
⇒ Q1		Ⓒ 2SC1129
Q2		Ⓑ 2SC710
Q3–6		Ⓑ 2SC930
Q7		Ⓒ 2SK42
Q8		Ⓑ 2SC710
⇒ Q9		Ⓒ 2SA678
⇒ Q10		Ⓑ 2SC634A
Q11		Ⓑ 2SC1474
⇒ Q12		Ⓒ 2SA684
⇒ Q13,14		Ⓑ 2SC634A
		ICs
IC1		Ⓔ CX-161
IC2		Ⓗ CX-162
		Diodes
D1		Ⓑ 2S710
D2		Ⓑ 1S1555
D3–5		Ⓑ 1T261
D6,7		Ⓑ 1S1555
D8		Ⓓ SEL103R
D9		Ⓑ VD1220
⇒ D10		Ⓒ U05G
D11–13		Ⓑ 1S1555
Th1,2	1-800-071-XX	Ⓐ Thermistor, S-300
Th3	1-800-193-00	Ⓐ Thermistor, 68
		COILS
L1	1-459-182-00	Ⓑ FM ANT
L2	1-459-206-00	Ⓑ FM RF
L3	1-459-204-00	Ⓑ FM OSC
L4	1-405-747-00	Ⓑ MW OSC
L5	1-401-705-00	Ⓑ SW5 ANT
L6	1-401-704-00	Ⓑ SW4 ANT
L7	1-401-703-00	Ⓑ SW3 ANT
L8	1-401-702-00	Ⓑ SW2 ANT
L9	1-401-701-00	Ⓑ SW1 ANT
L10	1-405-768-00	Ⓑ SW5 OSC
L11	1-405-767-00	Ⓑ SW4 OSC
L12	1-405-766-00	Ⓑ SW3 OSC
L13	1-405-765-00	Ⓑ SW2 OSC
L14	1-405-764-00	Ⓑ SW1 OSC
L15	1-405-700-00	Ⓑ Ferrite-rod Antenna
L16	1-407-882-00	Ⓑ Coil, 1μH
L17	1-407-471-00	Ⓑ Microinductor, 47μH
L18	1-407-186-XX	Ⓐ Microinductor, 4.7μH
L20	1-407-165-XX	Ⓐ Microinductor, 47μH
L21	1-407-481-00	Ⓑ Microinductor, 330μH
L23	1-407-882-00	Ⓑ Coil, 1μH
IFT A-1	1-404-022-00	Ⓑ AM IFT
IFT F-1	1-404-063-00	Ⓑ FM IFT
IFT F-2	1-404-032-00	Ⓒ FM Discriminator
CF1,2	1-527-184-XX	Ⓑ Ceramic Filter, 10.7 MHz
CFT	1-404-070-00	Ⓕ Ceramic Filter, 468 kHz (AEP, UK model)
	1-527-273-00	Ceramic Filter, 455 kHz (E model)

- ⇒: Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.

CAPACITORS

All capacitors are in μF and ceramic unless otherwise noted.
50WV or less are not indicated except for electrolytics. pF = μμF, elect = electrolytic

C1	1-102-941-11	Ⓐ 4p		
C2	1-102-940-11	Ⓐ 6p		
C3	1-161-001-11	Ⓐ 0.001		(boundary layer)
C4	1-102-947-11	Ⓐ 10p		
C5	1-102-941-11	Ⓐ 4p (Former E model)		
	1-102-939-11	Ⓐ 2p (New E model, UK model, AEP model)		
C6	1-102-940-11	Ⓐ 3p		
C7	1-101-837-11	Ⓐ 0.5p		
C8	1-161-013-11	Ⓐ 0.01		
C9	1-161-013-11	Ⓐ 0.01		(boundary layer)
C10	1-102-949-11	Ⓐ 12p		
C11	1-131-191-11	Ⓑ 47	6.3V	elect
C12	1-102-114-11	Ⓐ 470p		
C13	1-102-941-11	Ⓐ 4p		
C14	1-102-964-11	Ⓐ 36p		
C15	1-102-998-11	Ⓐ 5p		
C16	1-102-887-11	Ⓐ 62p		
C17	1-102-943-11	Ⓐ 6p		
C18	1-161-013-11	Ⓐ 0.01		(boundary layer)

Note: Circled letters (Ⓐ to Ⓩ) are applicable to European models only.

Ref. No.	Part No.		Description		
C19	1-102-755-11	Ⓐ	43p		
C20,21	1-102-740-11	Ⓐ	240p		
C22	1-102-755-11	Ⓐ	43p		
C23	1-107-260-11	Ⓑ	82p	(2%)	silvered mica
C24	1-107-260-11	Ⓑ	82p	(2%)	silvered mica
C25	1-107-259-11	Ⓑ	62p	(2%)	silvered mica
C26–28	1-161-013-11	Ⓐ	0.01		(boundary layer)
C29	1-102-958-11	Ⓐ	20p		
C30	1-102-953-11	Ⓐ	18p		
C31	1-102-947-11	Ⓐ	10p		
C32	1-161-001-11	Ⓐ	0.001		(boundary layer)
C33	1-101-004-11	Ⓐ	0.01		
C34	1-102-945-11	Ⓐ	8p		
C35	1-161-013-11	Ⓐ	0.01		(boundary layer)
C36	1-127-046-11	Ⓐ	0.22	16V	solid aluminum
C37	1-131-228-11	Ⓑ	10	6.3V	tantalum
C38	1-101-004-11	Ⓐ	0.01		
C39	1-101-001-11	Ⓐ	0.001		
C40	1-161-013-11	Ⓐ	0.01		(boundary layer)
C41	1-161-013-11	Ⓐ	0.01		(boundary layer) (Former E model)
C42	1-161-013-11	Ⓐ	0.01		(boundary layer)
C43	1-161-013-11	Ⓐ	0.01		(boundary layer)
C44	1-161-001-11	Ⓐ	0.001		(boundary layer)
C45	1-121-651-11	Ⓐ	10	16V	elect
C46	1-102-109-11	Ⓐ	180p		
C47	1-121-391-11	Ⓐ	1	50V	elect
C48	1-101-004-11	Ⓐ	0.01		
C49	1-101-004-11	Ⓐ	0.01		
C50	1-131-295-11	Ⓒ	100	6.3V	tantalum
C51	1-131-228-11	Ⓑ	10	6.3V	tantalum
C52	1-121-392-11	Ⓐ	3.3	25V	elect
C53	1-121-651-11	Ⓐ	10	16V	elect
C54	1-161-013-11	Ⓐ	0.01		(boundary layer)
C55	1-161-013-11	Ⓐ	0.01		(boundary layer) (Former E model)
	1-161-030-11	Ⓐ	0.0047		(boundary layer) (New E model, AEP model, UK model)
C56	1-101-796-11	Ⓐ	0.05		(boundary layer)
C57	1-161-001-11	Ⓐ	0.001		(boundary layer)
C58	1-102-958-11	Ⓐ	20p		
C59	1-131-197-11	Ⓑ	3.3	16V	tantalum
C60	1-161-013-11	Ⓐ	0.01		(boundary layer)
C61	1-127-046-11	Ⓐ	0.22	16V	elect
C62	1-102-975-11	Ⓐ	100p		

Ref. No.	Part No.		Description		
C63	1-131-228-11	Ⓑ	10	6.3V	tantalum
C64	1-108-882-11	Ⓐ	51p		
C65	1-131-191-11	Ⓑ	47	6.3V	tantalum
C66,67	1-121-424-11	Ⓑ	470	6.3V	elect
C68	1-123-201-11	Ⓐ	100	6.3V	elect
C69	1-127-046-11	Ⓐ	0.22	16V	solid aluminum
C70	1-101-797-11	Ⓐ	0.1		(boundary layer)
C71	1-121-395-11	Ⓐ	4.7	25V	elect
C72	1-123-201-11	Ⓐ	100	6.3V	elect
C73	1-131-228-11	Ⓑ	10	6.3V	tantalum
C74	1-127-048-11	Ⓑ	0.47	16V	elect
C76	1-131-295-11	Ⓒ	100	6.3V	tantalum
C77	1-161-015-11	Ⓐ	0.015		(boundary layer)
C78	1-161-013-11	Ⓐ	0.01		(boundary layer)
C79	1-102-945-11	Ⓐ	8p		
C80	1-102-959-11	Ⓐ	22p		
C81	1-102-960-11	Ⓐ	24p		
C82	1-102-950-11	Ⓐ	13p		(New E model, AE ' model, UK model)
C83	1-131-228-11	Ⓑ	10	6.3V	tantalum
C84	1-127-046-11	Ⓐ	0.22	16V	solid aluminum
C85–87	1-102-975-11	Ⓐ	100p		
C88	1-127-046-11	Ⓐ	0.22	16V	solid aluminum
C89	1-161-001-11	Ⓐ	0.001		
C90	1-102-729-11	Ⓐ	51p		
C91	1-102-964-11	Ⓐ	100p		
C92	1-161-015-11	Ⓐ	0.015		(boundary layer)
C93	1-102-998-11	Ⓐ	5p		
C94	1-161-030-11	Ⓐ	0.0047		(boundary layer)
C95	1-102-943-11	Ⓐ	6p		
CT1–4, CV1–4	1-151-317-00	Ⓗ	Tuning		
CT2	1-141-171-00	Ⓑ	Trimmer		
CT3	1-141-181-11	Ⓔ	Trimmer		

RESISTORS

All resistors are in ohms. Common ¼W carbon resistors are omitted.
Refer to the list on the last page for their part number.

R10	1-201-626-11	Ⓐ	680	1/8W	composition
R20	1-201-622-11	Ⓐ	560	1/8W	composition
R24	1-201-400-11	Ⓐ	330	1/8W	composition
R25	1-202-005-11	Ⓐ	2.2 k	1/8W	composition

Note: Circled letters (Ⓐ to Ⓩ) are applicable to European models only.

Ref. No.	Part No.		Description
R28	1-201-643-11	Ⓐ	1.5 k 1/8W composition (Former E model)
	1-201-639-11	Ⓐ	1.2 k 1/8W composition (New E model, AEP model, E model)
R29	1-201-350-11	Ⓐ	150 1/8W composition
R50	1-202-073-11	Ⓐ	39 k 1/8W composition
R51	1-201-634-11	Ⓐ	1 k 1/8W composition
R52	1-201-630-11	Ⓐ	820 1/8W composition
R58	1-201-622-11	Ⓐ	560 1/8W composition
R66	1-201-382-11	Ⓐ	47 1/8W composition
VR1	1-226-103-00	Ⓒ	10 k, variable; VOLUME

SWITCHES

S1	1-552-218-00	Ⓒ	Slide, BAND SELECTOR
S2	1-552-202-00	Ⓑ	Slide, SW BAND SELECTOR
S3	1-552-203-00	Ⓑ	Slide, TONE

JACKS

J1,2	1-507-398-00	Ⓑ	REC OUT, EARPHONE
J3	1-507-447-XX	Ⓑ	DC IN 6V

Ref. No.	Part No.		Description
MISCELLANEOUS			
ANT	1-501-175-00	Ⓖ	FM/SW Telescopic Antenna
SP	1-502-631-00	Ⓖ	Speaker

ACCESSORIES & PACKING MATERIALS

Part No.		Description
X-3883-409-0	Ⓔ	Carton Ass'y
X-3883-410-0	Ⓑ	Cushion (top) Ass'y
1-504-059-11	Ⓒ	Earphone, ME-20H
3-701-622-00	Ⓐ	Bag, plastic
3-816-719-00	Ⓑ	Case, earphone
3-883-469-00	Ⓐ	Bag, protection
3-883-470-00	Ⓑ	Sleeve
3-995-789-02		Manual, instruction (AEP, UK model)
3-995-789-01		Manual, instruction (E model)

1/4 WATT CARBON RESISTORS

Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.
1.0	1-244-601-11	10	1-244-625-11	100	1-244-649-11	1.0k	1-244-673-11	10 k	1-244-697-11	100k	1-244-721-11	1.0M	1-244-745-11
1.1	1-244-602-11	11	1-244-626-11	110	1-244-650-11	1.1k	1-244-674-11	11 k	1-244-698-11	110k	1-244-722-11	1.1M	1-244-746-11
1.2	1-244-603-11	12	1-244-627-11	120	1-244-651-11	1.2k	1-244-675-11	12 k	1-244-699-11	120k	1-244-723-11	1.2M	1-244-747-11
1.3	1-244-604-11	13	1-244-628-11	130	1-244-652-11	1.3k	1-244-676-11	13 k	1-244-700-11	130k	1-244-724-11	1.3M	1-244-748-11
1.5	1-244-605-11	15	1-244-629-11	150	1-244-653-11	1.5k	1-244-677-11	15 k	1-244-701-11	150k	1-244-725-11	1.5M	1-244-749-11
1.6	1-244-606-11	16	1-244-630-11	160	1-244-654-11	1.6k	1-244-678-11	16 k	1-244-702-11	160k	1-244-726-11	1.6M	1-244-750-11
1.8	1-244-607-11	18	1-244-631-11	180	1-244-655-11	1.8k	1-244-679-11	18 k	1-244-703-11	180k	1-244-737-11	1.8M	1-244-751-11
2.0	1-244-608-11	20	1-244-632-11	200	1-244-656-11	2.0k	1-244-680-11	20 k	1-244-704-11	200k	1-244-728-11	2.0M	1-244-752-11
2.2	1-244-609-11	22	1-244-633-11	220	1-244-657-11	2.2k	1-244-681-11	22 k	1-244-705-11	220k	1-244-729-11	2.2M	1-244-753-11
2.4	1-244-610-11	24	1-244-634-11	240	1-244-658-11	2.4k	1-244-682-11	24 k	1-244-706-11	240k	1-244-730-11	2.4M	1-244-754-11
2.7	1-244-611-11	27	1-244-635-11	270	1-244-659-11	2.7k	1-244-683-11	27 k	1-244-707-11	270k	1-244-731-11	2.7M	1-244-755-11
3.0	1-244-612-11	30	1-244-636-11	300	1-244-660-11	3.0k	1-244-684-11	30 k	1-244-708-11	300k	1-244-732-11	3.0M	1-244-756-11
3.3	1-244-613-11	33	1-244-637-11	330	1-244-661-11	3.3k	1-244-685-11	33 k	1-244-709-11	330k	1-244-733-11	3.3M	1-244-757-11
3.6	1-244-614-11	36	1-244-638-11	360	1-244-662-11	3.6k	1-244-686-11	36 k	1-244-710-11	360k	1-244-734-11	3.6M	1-244-758-11
3.9	1-244-615-11	39	1-244-639-11	390	1-244-663-11	3.9k	1-244-687-11	39 k	1-244-711-11	390k	1-244-735-11	3.9M	1-244-759-11
4.3	1-244-616-11	43	1-244-640-11	430	1-244-664-11	4.3k	1-244-688-11	43 k	1-244-712-11	430k	1-244-736-11	4.3M	1-244-760-11
4.7	1-244-617-11	47	1-244-641-11	470	1-244-665-11	4.7k	1-244-689-11	47 k	1-244-713-11	470k	1-244-737-11	4.7M	1-244-761-11
5.1	1-244-618-11	51	1-244-642-11	510	1-244-666-11	5.1k	1-244-690-11	51 k	1-244-714-11	510k	1-244-738-11	5.1M	1-244-762-11
5.6	1-244-619-11	56	1-244-643-11	560	1-244-667-11	5.6k	1-244-691-11	56 k	1-244-715-11	560k	1-244-739-11		
6.2	1-244-620-11	62	1-244-644-11	620	1-244-668-11	6.2k	1-244-692-11	62 k	1-244-716-11	620k	1-244-740-11		
6.8	1-244-621-11	68	1-244-645-11	680	1-244-669-11	6.8k	1-244-693-11	68 k	1-244-717-11	680k	1-244-741-11		
7.5	1-244-622-11	75	1-244-646-11	750	1-244-670-11	7.5k	1-244-694-11	75 k	1-244-718-11	750k	1-244-742-11		
8.2	1-244-623-11	82	1-244-647-11	820	1-244-671-11	8.2k	1-244-695-11	82 k	1-244-719-11	820k	1-244-743-11		
9.1	1-244-624-11	91	1-244-648-11	910	1-244-672-11	9.1k	1-244-696-11	91 k	1-244-720-11	910k	1-244-744-11		

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