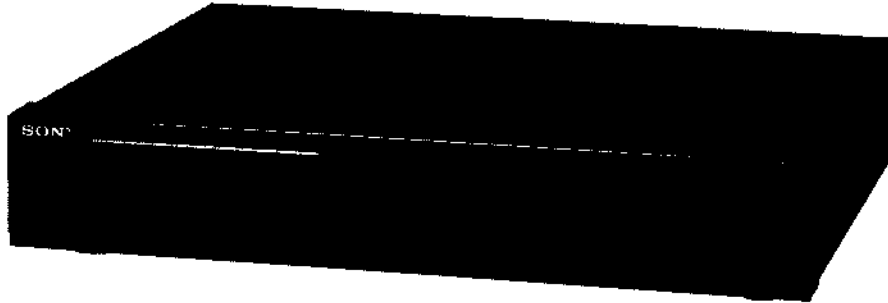


ST-S100L/S300L

SERVICE MANUAL

AEP Model
UK Model



SPECIFICATIONS

Tuner

Circuit system FM stereo, FM/AM superheterodyne tuner
Quartz-locked PLL digital synthesizer system

Output 410 mV, 4.7 k Ω (at 40 kHz deviation)

FM tuner

Frequency range 87.5 - 108 MHz
Antenna terminals 75 ohms unbalanced
300 ohms balanced
West Germany and Italian model: 75 ohms unbalanced

AM tuner

Frequency range Except Italian model:
MW: 531 - 1,602 kHz
LW: 153 - 281 kHz
Italian model:
MW: 522 - 1,611 kHz
LW: 144 - 288 kHz

Intermediate frequency 10.7 MHz

Antenna Layout-free AM antenna
External antenna terminal

Sensitivity (at 46 dB quieting)
16.8 dBf, 3.6 μ V (mono)
37.9 dBf, 43 μ V (stereo)
West Germany and Italian model:
16.8 dBf, 1.8 μ V (mono)
37.9 dBf, 21.5 μ V (Stereo)

Intermediate frequency 450 kHz
Usable sensitivity (when layout-free AM antenna is used)
500 μ V/m (999 kHz)
700 μ V/m (230 kHz)

Signal-to-noise ratio (at 40 kHz deviation)
74 dB (mono)
69 dB (stereo)

Signal-to-noise ratio
54 dB (50 mV/m) (999 kHz)
50 dB (50 mV/m) (230 kHz)

Harmonic distortion
ST-S100L: 0.15% (mono), 0.3% (stereo) at 1 kHz
ST-S300L: 0.08% (mono), 0.15% (stereo) at 1 kHz

Harmonic distortion 0.3% (50 mV/m, 400 Hz)

IM distortion
ST-S100L: 0.15% (mono), 0.3% (stereo)
ST-S300L: 0.08% (mono), 0.15% (stereo)

Selectivity 32 dB

Separation 50 dB (at 1 kHz)

—Continued on page 2—

Frequency response 40 Hz - 12.5 kHz \pm 0.5 dB

Selectivity 70 dB (at 300 kHz)

Capture ratio 1.0 dB

AM suppression ratio 65 dB

Image response ratio 70 dB

IF response ratio 70 dB

Spurious response ratio 80 dB

Muting threshold 30 dBf

Automatic tuning threshold 30 dBf

FM STEREO/FM-AM TUNER
SONY[®]



CONTENTS

General	
Power requirements	U.K. model: 240 V AC (or 220 V AC adjustable by authorized Sony personnel), 50/60 Hz European model: 220 V AC (or 240 V AC adjustable by authorized Sony personnel), 50/60 Hz
Power consumption	10 W
Dimensions	ST-S100L: Approx. 430 x 83 x 246 mm (w/h/d) (17 x 3 $\frac{3}{4}$ x 9 $\frac{9}{16}$ inches) ST-S300L: Approx. 430 x 80 x 355 mm (w/h/d) (17 x 3 $\frac{1}{4}$ x 14 inches)
Weight	ST-S100L: Approx. 2.6 kg (5 lb 12 oz) ST-S300L: Approx. 3.1 kg (6 lb 13 oz)
Accessories supplied	Remote control cord (1) (ST-S300L) Connecting cord (1) FM ribbon antenna (1) (Except West Germany and Italian model) FM wire antenna (1) (Italian model) Layout-free AM antenna (1)

Precautions

On safety

- Before connecting the unit to the power source, check that the operating voltage of your unit is the same as the local power line voltage.
- Should any solid object or liquid fall into the unit, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for an extended period of time. To disconnect the cord, pull it out by the plug. Do not pull the cord itself.

On installation

- To prevent internal heat buildup, place the unit in a location with good air circulation. Do not place it on a soft surface, such as a rug that would block the ventilation holes on the bottom.
- Do not install the unit in a location:
 - near heat sources
 - subject to direct sunlight, mechanical vibration or shock
 - exposed to rain, moisture, dirt or dust.

On operation

When the unit is not being used, turn the power off to conserve energy and extend the useful life of your unit.

On cleaning the cabinet

Clean the cabinet, panels and controls with a soft cloth lightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

On repacking

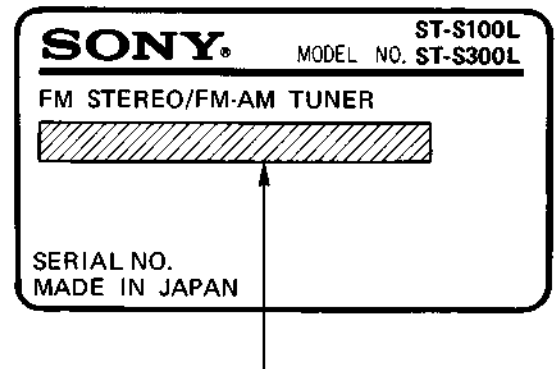
Do not throw away the carton and the packing material. This makes an ideal container when transporting the unit. When shipping the unit, repack it as it was packed at the factory.

For any question or problem that is not covered in this manual, please consult your nearest Sony dealer.

<u>Section</u>	<u>Title</u>	<u>Page</u>
Specification		1
Precautions		2
Model Identification		2
SECTION 1. GENERAL		
	Location of Controls	3
SECTION 2. ADJUSTMENTS 4		
SECTION 3. DIAGRAMS		
3-1.	Printed Wiring Boards	6
3-2.	Schematic Diagram	9
3-3.	Printed Wiring Boards (S100L)	13
3-4.	Semiconductor Lead Layouts	15
3-5.	Schematic Diagram (S100L)	15
SECTION 4. EXPLODED VIEWS 17		
SECTION 5. ELECTRICAL PARTS LIST . . . 19		

MODEL IDENTIFICATION

— Specification Label —





ST-S100L:

AEP, West Germany, IT model: 220 V AC 50–60 Hz 10W
UK model: 240 V AC 50–60 Hz 10W

ST-S300L:

AEP, West Germany, IT model: 220 V AC 50–60 Hz 10W
UK model: 240 V AC 50–60 Hz 10W

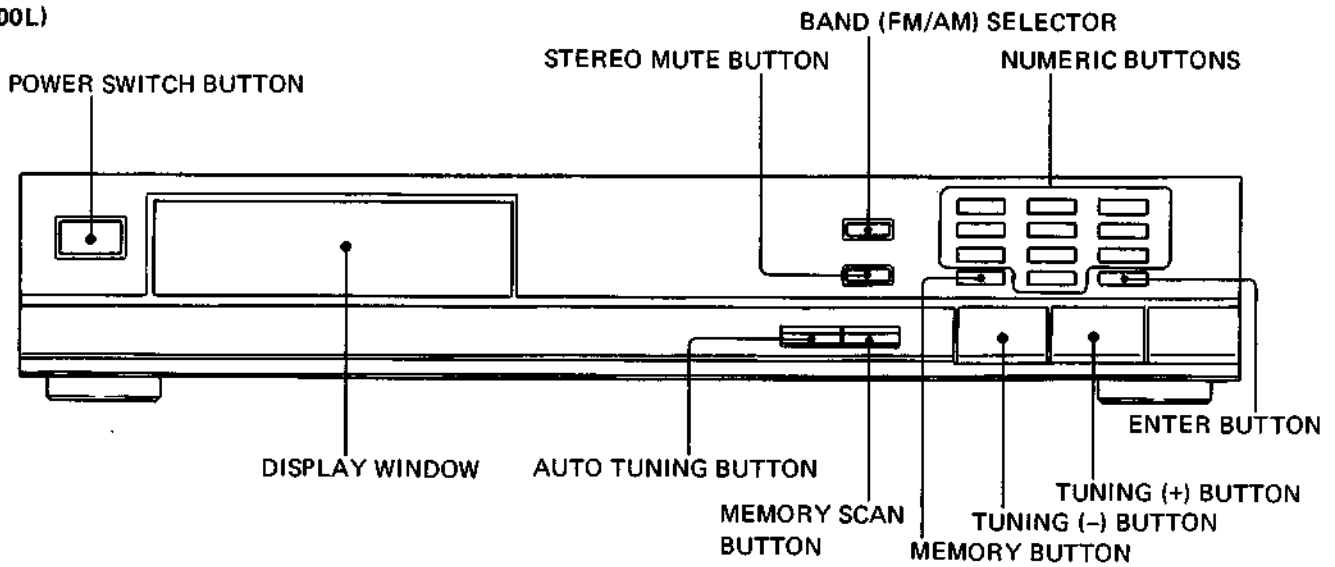
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  OR DOTTED LINE WITH MARK  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

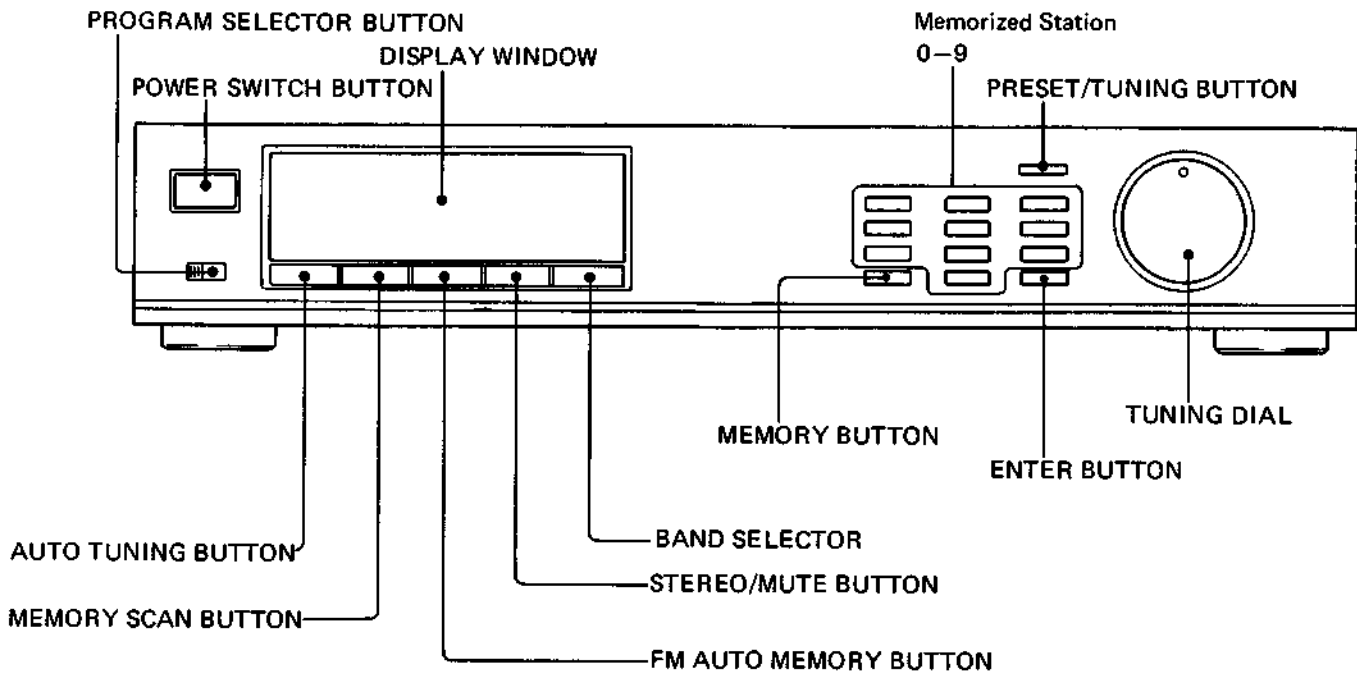
SECTION 1 GENERAL

LOCATION OF CONTROLS

(S100L)



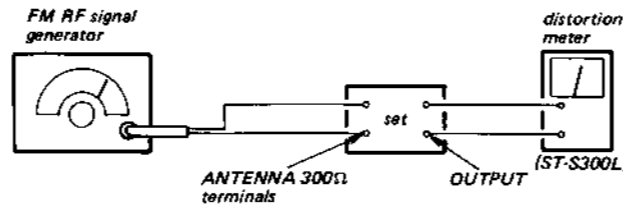
(S300L)



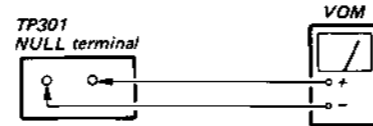
SECTION 2 ADJUSTMENTS

FM DISCRIMINATOR ALIGNMENT (NULL and MONO Distortion)

Setting:



Carrier frequency: 98 MHz
 Modulation: 400 Hz, 75 kHz deviation (100%)
 Output level: 1 mV (60 dB)

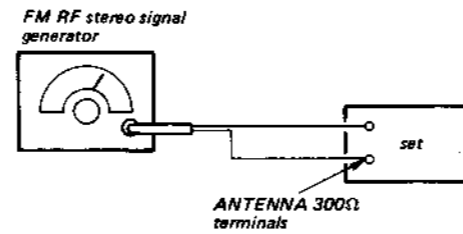


Procedure:

1. Tune the set to 98 MHz.
2. Adjust the T301 for 0 V reading on VOM. ... NULL
3. Adjust T302 (ST-S300L ONLY) for a minimum reading on the distortion meter. ... MONO Distortion.
4. Repeat the primary-side and secondary-side alignments several times.

FM TUNING STOP LEVEL ADJUSTMENT

Setting:



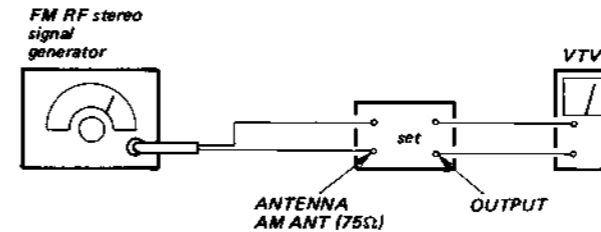
Carrier frequency: 98 MHz (25 dB)
 Output level: 17.8 μV
 Modulation:
 Audio 400 Hz: 33.75 kHz deviation (45%)
 Sub channel 38 kHz: 33.75 kHz deviation (45%)
 Pilot signal 19 kHz: 7.5 kHz deviation (10%)

Procedure:

1. Tune the set to 98 MHz by pressing the TUNING buttons.
2. Adjust RV301 so that the STEREO (FLT) goes on.

FM Stereo Separation Adjustment

Setting:



Carrier frequency: 98 MHz
 Output level: 1 mV (60 dB)
 Modulation:
 Audio 1 kHz: 33.7 kHz deviation (45%)
 Sub channel 38 kHz: 33.75 kHz deviation (45%)
 Pilot signal 18 kHz: 7.5 kHz deviation (10%)
 Mode: stereo

Procedure:

Tune the set to 98 MHz

FM stereo signal generator output channel	VTVM connection	VTVM reading (dB)
L-CH	L-CH	(A)
R-CH	L-CH	Adjust RV401 for minimum reading.
R-CH	R-CH	(C)
L-CH	R-CH	Adjust RV401 for minimum reading.

L-CH Stereo separation: (A) - (B)
 R-CH Stereo separation: (C) - (D)

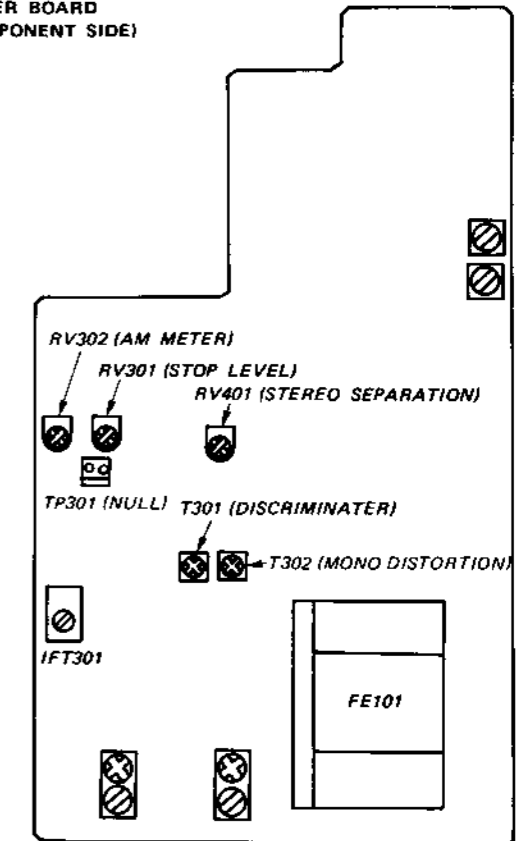
The separations of both channels should be equal.

AM METER ADJUSTMENT

Procedure:

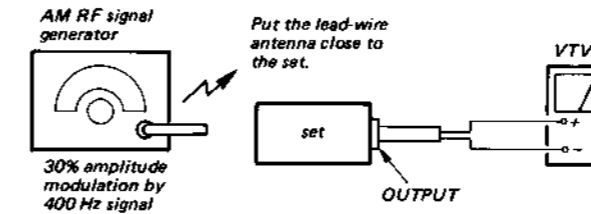
1. Tune the set to 216 kHz (94 dB)
2. Adjust the RV302 so that the 5 point segment of the signal meter goes on.
3. Tune the set to 999 kHz (94 dB).
4. Confirm that the 5 point segment of the signal meter goes on.

TUNER BOARD (COMPONENT SIDE)



AM SECTION

Setting: BAND selector switch: MW or LW



AM IF ADJUSTMENT

Procedure:

1. Tune the set to the SG signal.
2. Adjust for a maximum reading on VTVM.

	SG and set frequency	Adjustment parts	Reading on VTVM
1	1,400 kHz	IFT301	Maximum

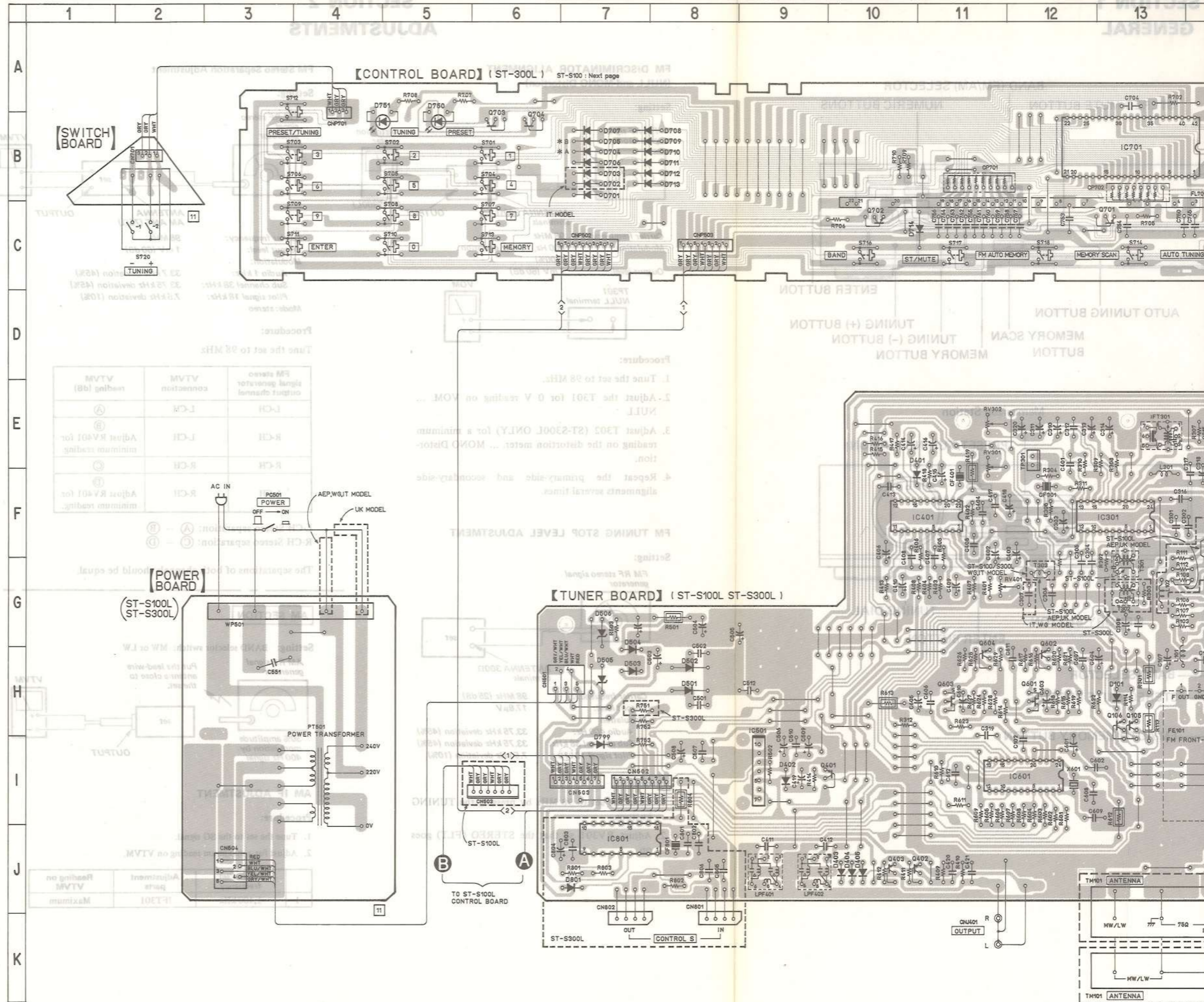
3-1. PRINTED WIRING BOARDS

- See page 15 for semiconductor lead layouts.
- See page 13 for note on ceramic filter (CF101, 102, 103).

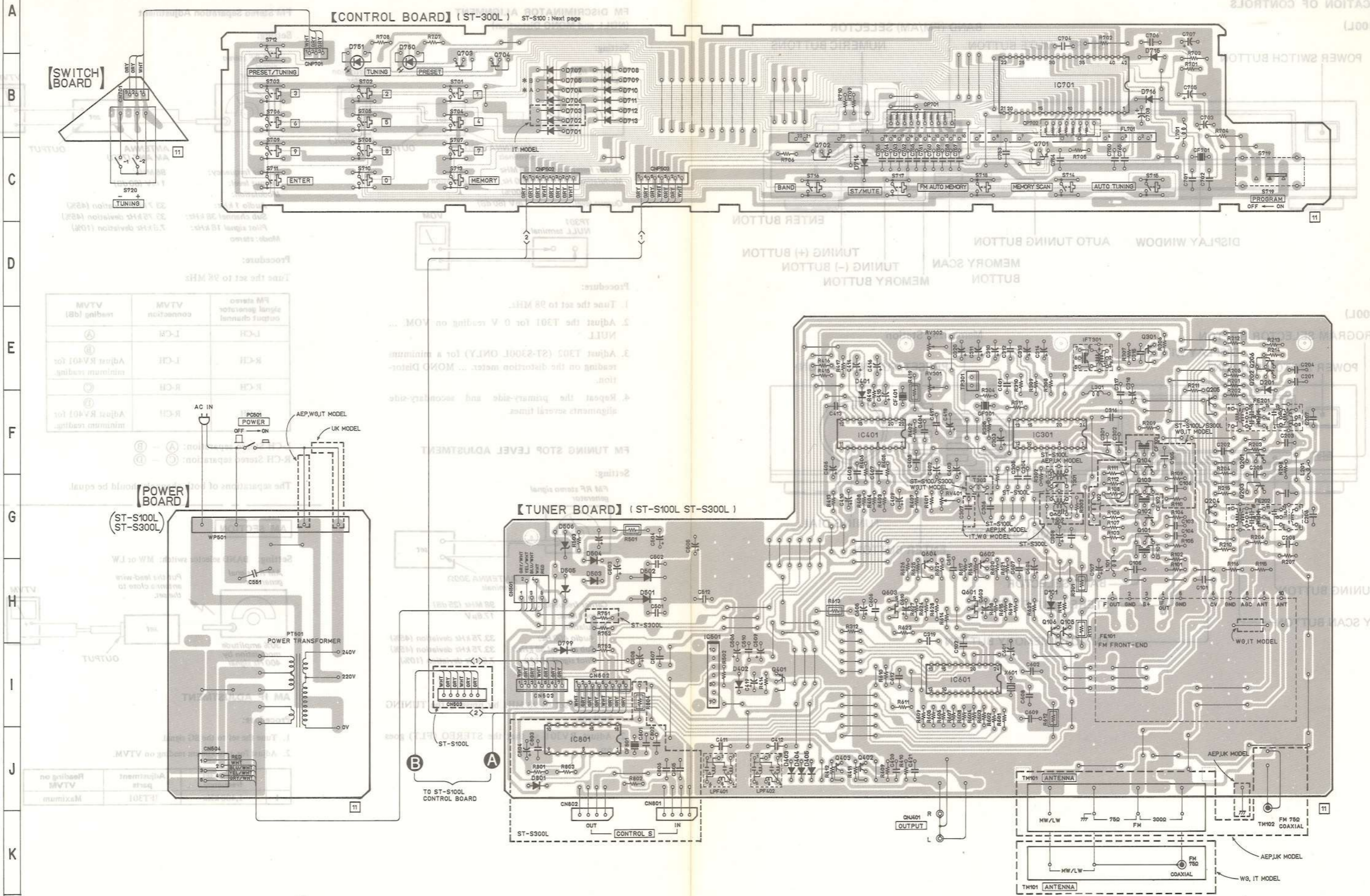
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D101	H-13	IC301	F-13
D201	F-15	IC401	F-11
D401	F-10	IC501	I-9
D402	I-9	IC601	I-12
D403	J-10	IC701	B-13
D404	J-10	IC801	J-7
D405	J-10	(ST-S300L)	
D501	H-8		
D502	H-8	Q101	G-14
D503	H-8	Q102	G-14
D504	H-7	Q103	
D505	H-7	(ST-S300L)	G-14
D506	G-7	(ST-S100L)	
D701	B-7	IT-WG	
D702 (IT)	B-7	Q104	
D703 (IT)	B-7	(ST-S300L)	F-14
		(ST-S100L)	
D704	B-7	Q105	H-13
D705	B-7	Q106	H-13
D706	B-7	Q201	F-15
D707	B-7	Q202	E-15
D708	B-8	Q203	G-15
D709	B-8	Q204	G-15
D710	B-8	Q205	F-15
D711	B-8	Q206	E-15
D712	B-8	Q301	E-14
D713	B-8	Q401	I-9
D714	C-10	Q402	J-9
D715	B-14	Q403	J-9
(ST-S300L)		Q601	H-12
D716	B-14	Q602	H-12
(ST-S300L)		Q603	H-11
D750	B-5	Q604	H-11
(ST-S300L)		Q701	C-13
D751	B-4	Q702	C-10
(ST-S300L)		Q703	B-6
D799	I-7	Q704	B-6
D801	J-7		
(ST-S300L)			

- Note:
- ○ : parts extracted from the component side.
 - □ : indicates side identified with part number.
 - ▨ : Pattern on the side which is seen.



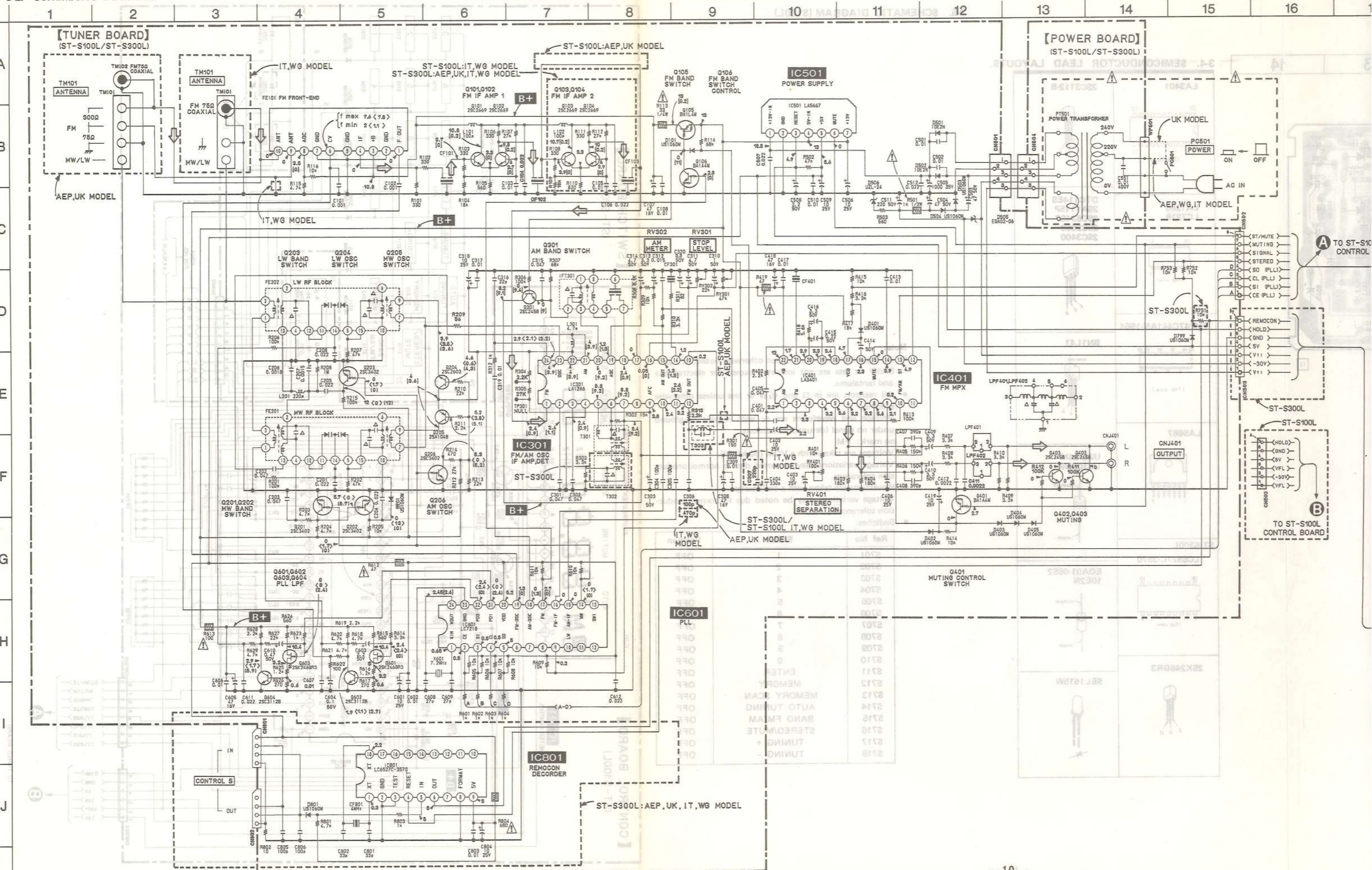
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



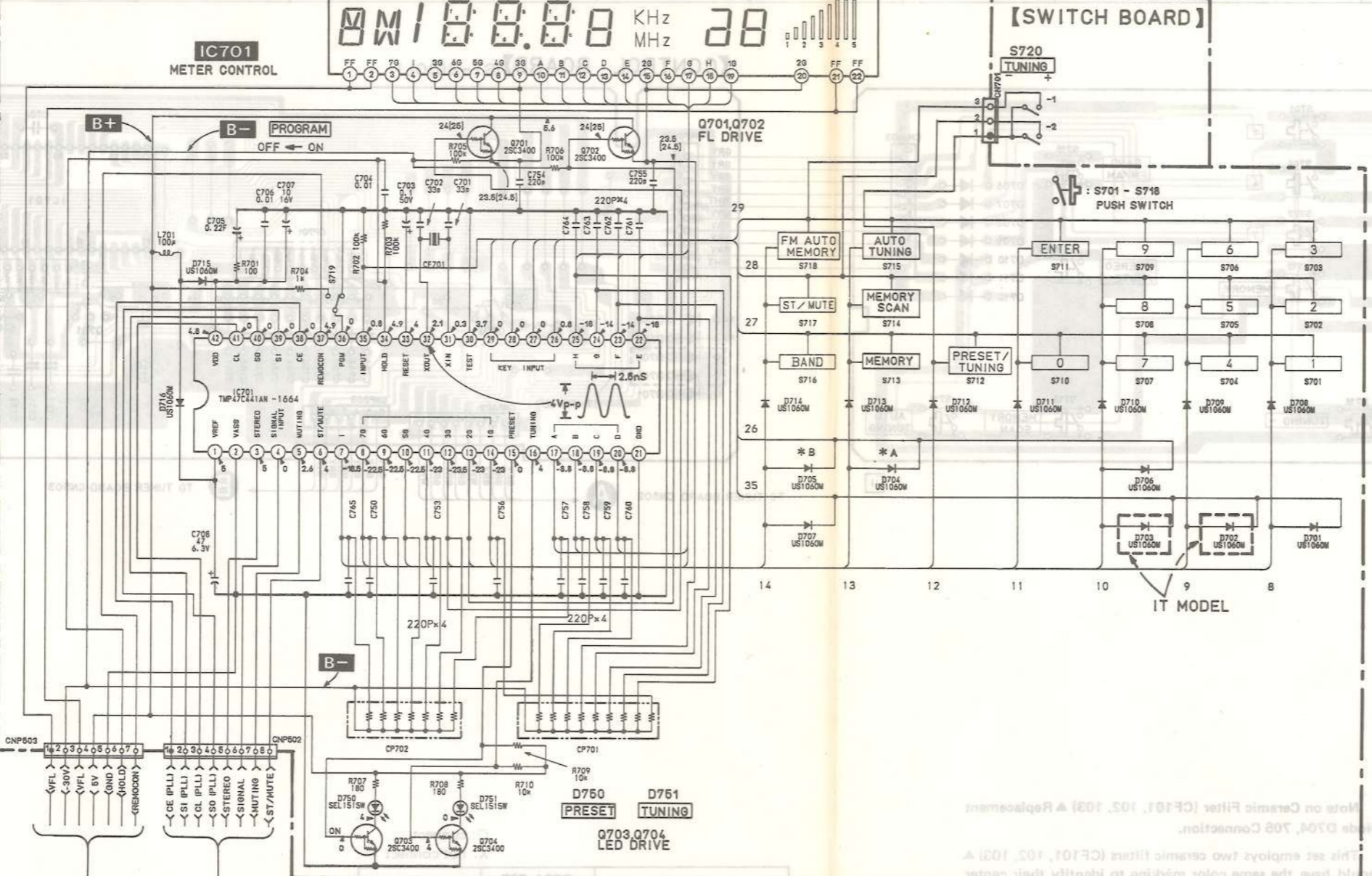
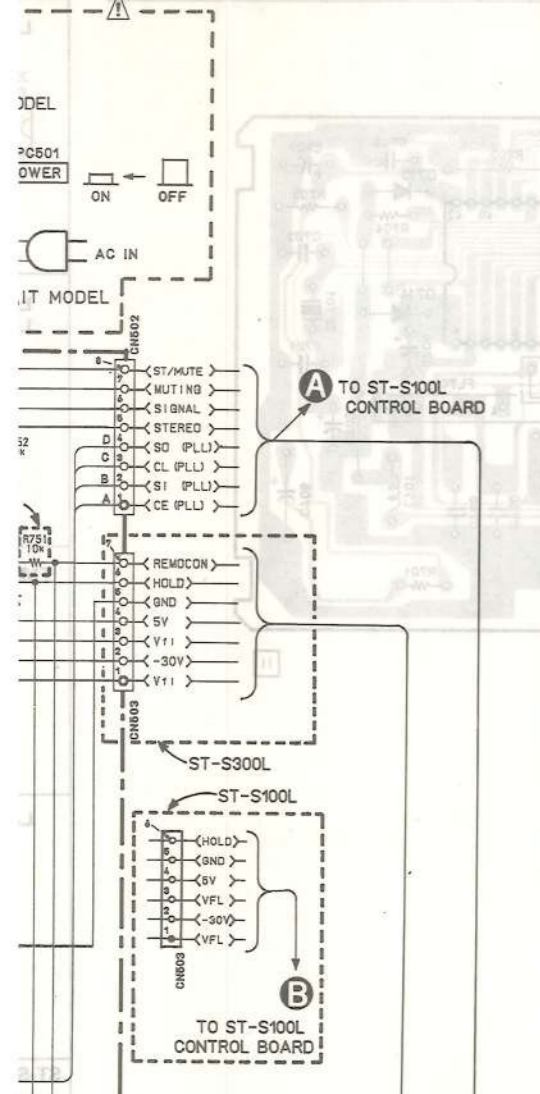
VTVM	VTVM	FM stereo
connection	signal generator	output channel
(A)	L-CR	L-CR
(B)	L-CH	R-CH
(C)	R-CH	R-CH
(D)	R-CH	R-CH
(E)	R-CH	R-CH

VTVM	VTVM	Adjustment
Reading on	Adjustment	Reading on
Maximum	Adjustment	Maximum
Minimum	Adjustment	Minimum

3-2. SCHEMATIC DIAGRAM



[CONTROL BOARD]
(ST-S300L)
ST-S100L:Next page



Color mark	Center frequency (MHz)	*A (D704)	*B (D705)	FM intermediate frequency (MHz)
White	10.750	○	×	10.750
Red	10.700	×	×	10.700
Black	10.650	×	○	10.650

FM intermediate frequency is determined by the three types as shown above. Ceramic filters of same center frequency, i.e., of same color coding should be used for CF101, CF102 and CF103.
When replacing the ceramic filters, perform the FM Discriminator Adjustment.
▲: S100L (AEP, UK)—CF101, 102

Note on Ceramic Filter (CF101, 102, 103) ▲ Replacement Diodes D704, 705 Connection.
This set employs two ceramic filters (CF101, 102, 103) ▲ should have the same color marking to identify their center frequency. Therefore FM IF offset adjustment by diodes (D704, 705) connection is necessary to match the center frequency of the ceramic filters used with FM intermediate frequency.



- Note:**
- All capacitors are in μF unless otherwise noted. pF : μpF 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
 - Δ : internal component.
 - \square : nonflammable resistor.
 - B+: B+ Line
 - B-: B- Line
 - \square : adjustment for repair.
 - Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
 - no mark: FM
 - (): LW
 - < >: MW
 - []: MW/LW
 - Voltages are taken with a VOM (50 $\text{k}\Omega/\text{V}$). Voltage variations may be noted due to normal production tolerances.
 - Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
 - Signal path.
 - \Rightarrow : FM
 - Switches:

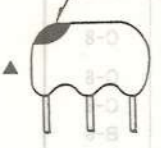
Ref. No.	Switch	Position
PC501	POWER	OFF
S701 - S718	KEY BOARD SWITCH	OFF
ST-S300L ONLY		
S719	PROGRAM	ON
S720	TUNING	-

Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Note on Ceramic Filter (CF101, 102, 103) ▲ Replacement Diodes D704, 705 Connection.

This set employs two ceramic filters (CF101, 102, 103) ▲ should have the same color marking to identify their center frequency. Therefore FM IF offset adjustment by diodes (D704, 705) connection is necessary to match the center frequency of the ceramic filters used with FM intermediate frequency.

color marking



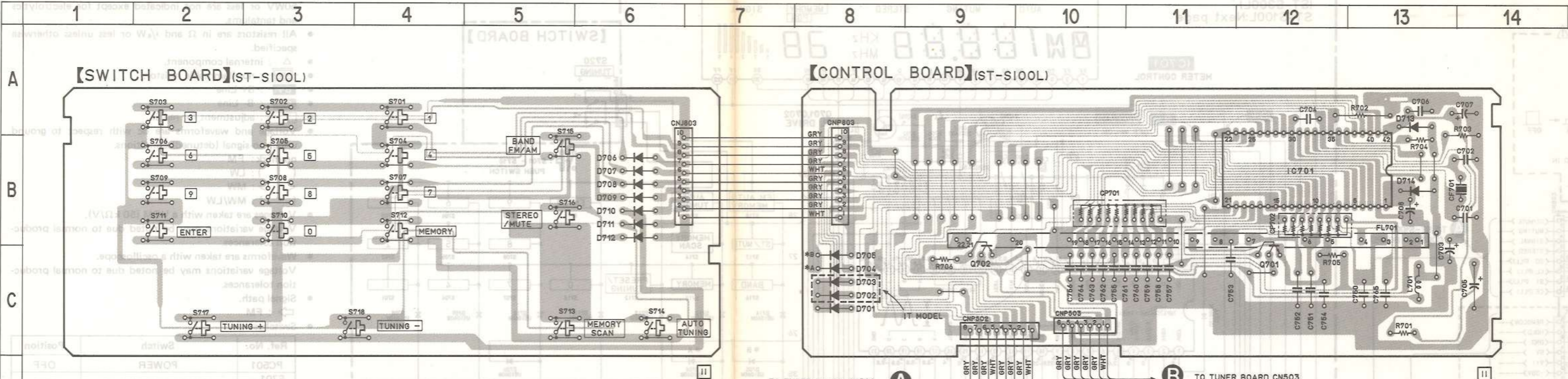
(CF101, 102, 103) ▲

○: connect
X: not connect

Color mark	Ceramic filter Center frequency (MHz)	D704, 705 connection		FM intermediate frequency (MHz)
		*A (D704)	*B (D705)	
White	10.750	○	×	10.750
Red	10.700	×	×	10.700
Black	10.650	×	○	10.650

FM intermediate frequency is determined by the three types as shown above. Ceramic filters of same center frequency, i.e., of same color coding should be used for CF101, CF102 and CF103.
When replacing the ceramic filters, perform the FM Discriminator Adjustment.

▲: S100L (AEP, UK)—CF101, 102



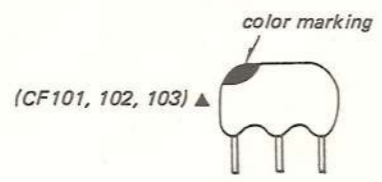
POWER	PC501
KEY BOARD SWITCH	S701
ST-S300L ONLY	S718
PROGRAM	S719
TUNING	S720

● Semiconductor Location

Ref. No.	Location
D701	C-8
D702 (IT MODEL)	C-8
D703 (IT MODEL)	C-8
D704	C-8
D705	C-8
D706	B-6
D707	B-6
D708	B-6
D709	B-6
D710	B-6
D711	B-6
D712	B-6
D713	A-13
D714	B-13
IC701	B-12
Q701	C-12
Q702	C-9

Note on Ceramic Filter (CF101, 102, 103) ▲ Replacement Diode D704, 705 Connection.

This set employs two ceramic filters (CF101, 102, 103) ▲ should have the same color marking to identify their center frequency. Therefore FM IF offset adjustment by diodes (D704, 705) connection is necessary to match the center frequency of the ceramic filters used with FM intermediate frequency.



Ceramic filter	D704, 705 connection	FM intermediate frequency (MHz)	
		*A (D704)	*B (D705)
White	○ X	10.750	10.750
Red	X X	10.700	10.700
Black	X ○	10.650	10.650

FM intermediate frequency is determined by the three types as shown above. Ceramic filters of same center frequency, i.e., of same color coding should be used for CF101, CF102 and CF103.

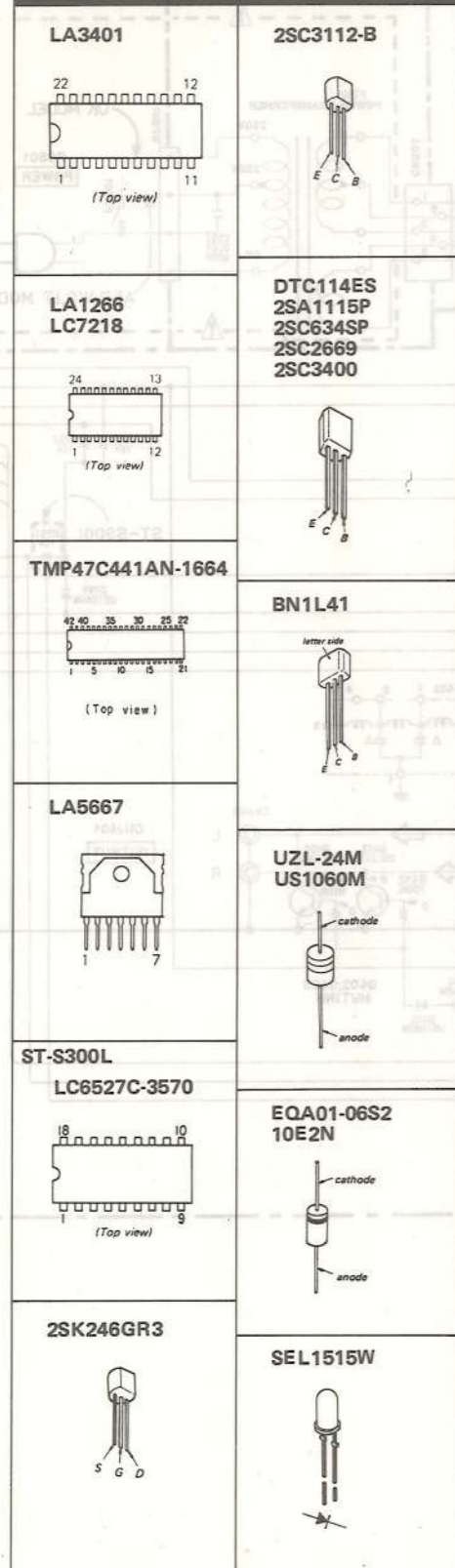
When replacing the ceramic filters, perform the FM Discriminator Adjustment.

▲: S100L (AEP, UK)—CF101, 102

3-5. SCHEMATIC DIAGRAM (S100L)

14

3-4. SEMICONDUCTOR LEAD LAYOUTS.



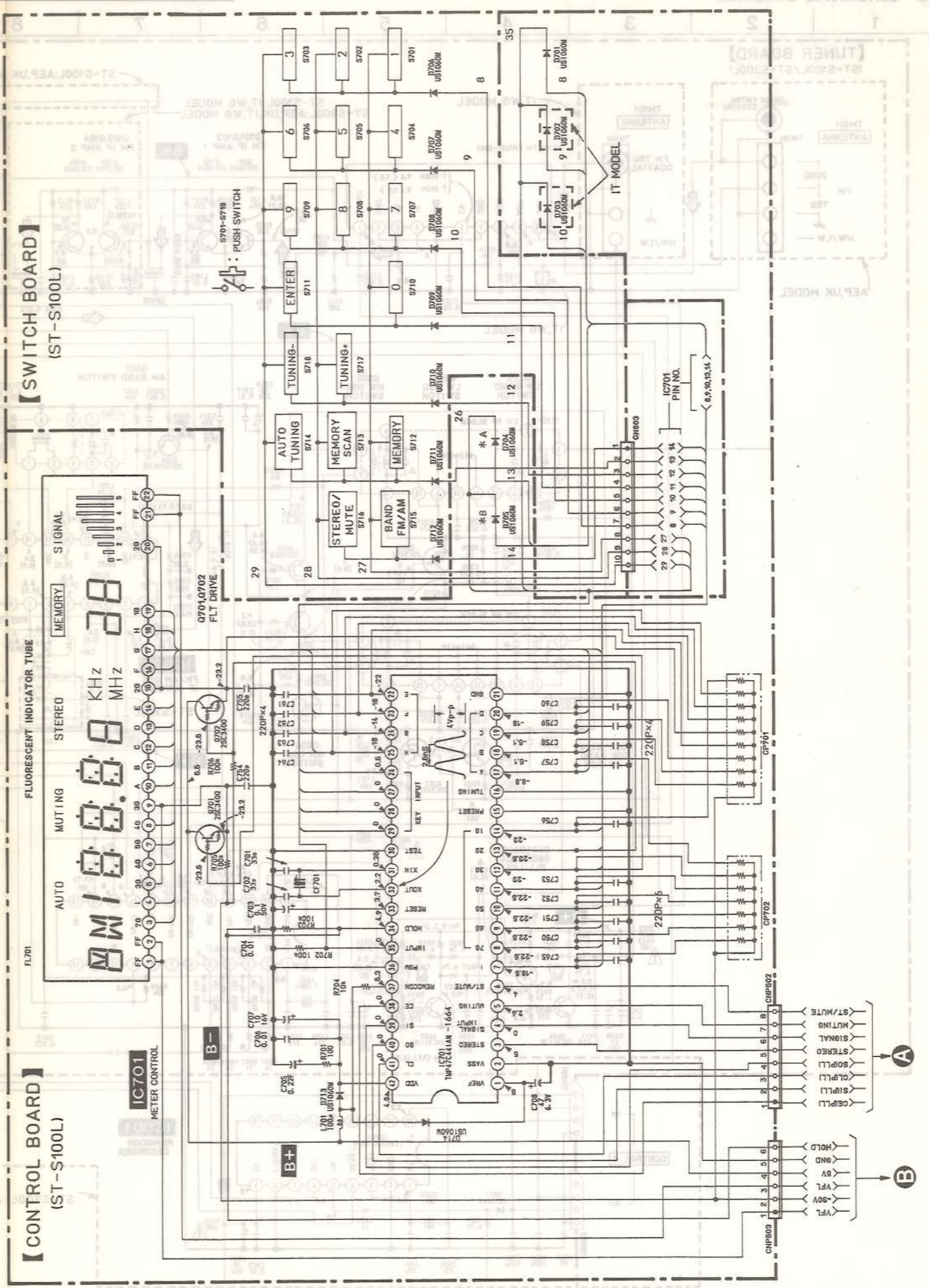
Note:

- All capacitors are in μF unless otherwise noted. pF: μpF
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified
- Voltage and waveforms are dc with respect to ground under no signal (detuned) conditions. no mark: FM
- Voltages are taken with a VOM (50 $\text{k}\Omega/\text{V}$). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Switches:

Ref No	Switch	Position
S701	1	OFF
S702	2	OFF
S703	3	OFF
S704	4	OFF
S705	5	OFF
S706	6	OFF
S707	7	OFF
S708	8	OFF
S709	8	OFF
S710	0	OFF
S711	ENTER	OFF
S712	MEMORY	OFF
S713	MEMORY SCAN	OFF
S714	AUTO TUNING	OFF
S715	BAND FM/AM	OFF
S716	STEREO/MUTE	OFF
S717	TUNING +	OFF
S718	TUNING -	OFF

【 SWITCH BOARD 】
(ST-S100L)

【 CONTROL BOARD 】
(ST-S100L)



SECTION 4 EXPLODED VIEWS

ST-S100L/S300L

ST-S100L/S300L

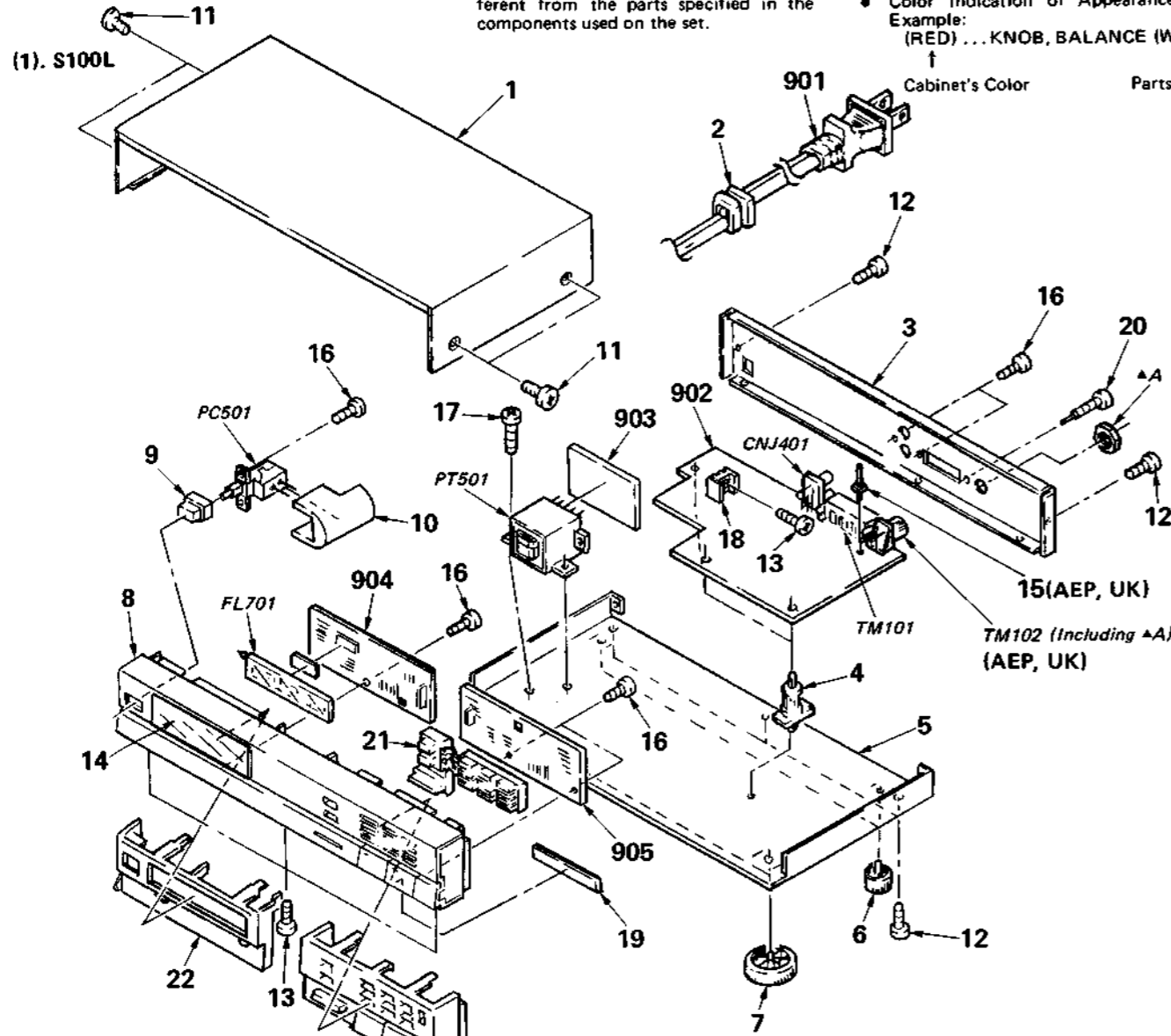
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.

The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

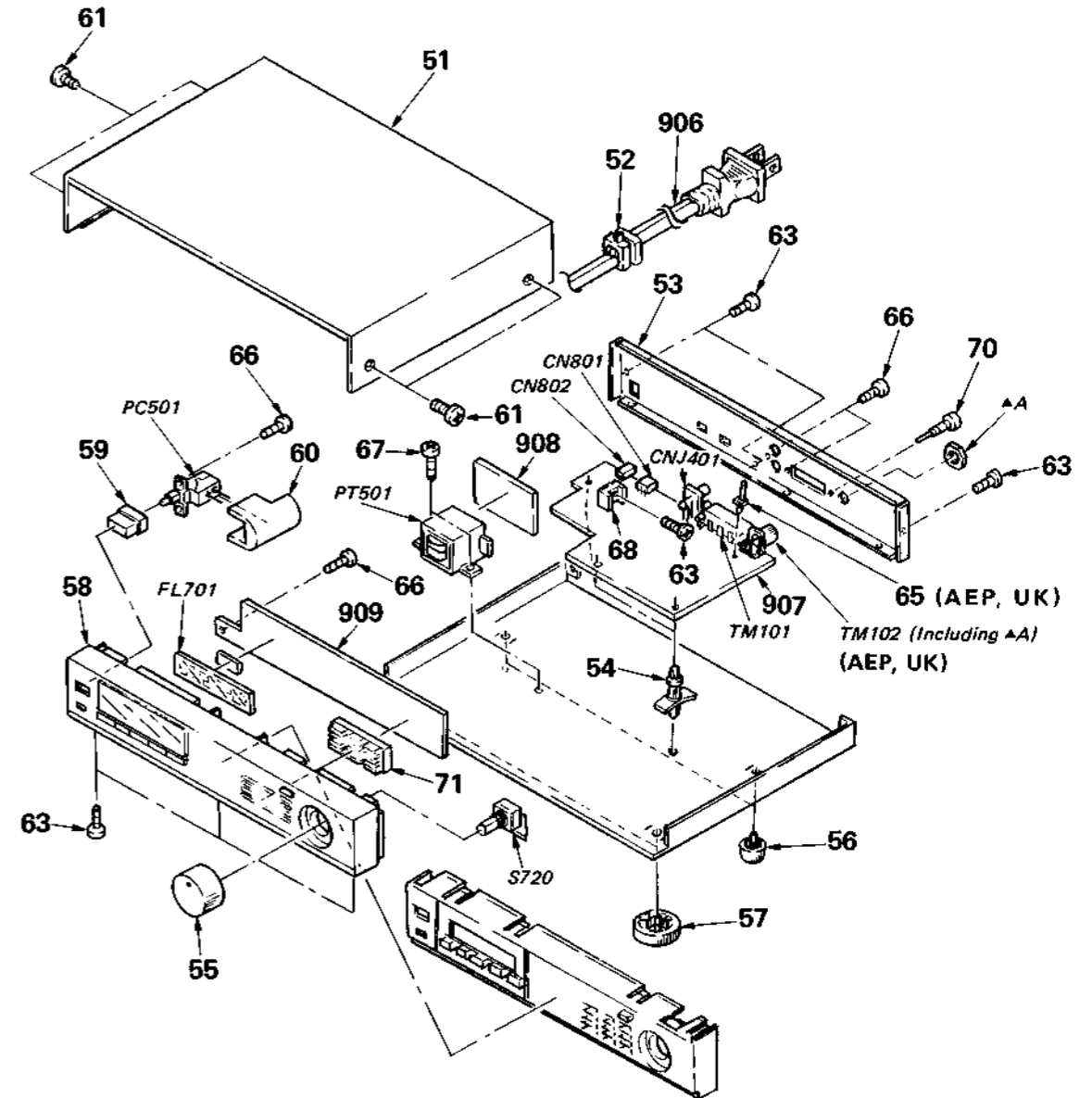
- Color Indication of Appearance Parts
Example:
(RED) ... KNOB, BALANCE (WHITE)
↑ Cabinet's Color ↑ Parts Color



No.	Part No.	Description	Remarks
1	4-905-463-41	CASE	
2	*3-703-244-00	BUSHING (2104), CORD	
3	*4-923-413-21	(S100L;AEP)...PANEL, BACK	
	*4-923-413-41	(S100L;UK)...PANEL, BACK	
	*4-923-413-51	(S100L;WG)...PANEL, BACK	
	*4-923-413-61	(S100L;IT)...PANEL, BACK	
4	*3-346-265-11	HOLDER, PC BOARD	
5	*4-904-481-11	CHASSIS	
6	X-3337-104-1	FOOT ASSY, ORNAMENTAL	
7	X-4864-303-0	FOOT ASSY	
8	4-917-029-31	PANEL, FRONT	
9	4-917-460-01	KNOB, POWER	
10	3-575-524-00	COVER, POWER SWITCH	
11	4-886-821-01	SCREW, M3 CASE	
12	3-703-685-11	SCREW (+BV 3X8)	
13	7-682-548-04	SCREW +BVTT 3X8 (S)	
14	4-923-423-01	PLATE, INDICATION	
15	1-535-114-31	(AEP,UK)...TERMINAL 1P	
16	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
17	7-682-549-04	SCREW +BVTT 3X10	
18	*4-363-146-51	HEAT SINK, V.OUT	

No.	Part No.	Description	Remarks
19	*4-911-291-11	CUSHION	
20	3-704-242-01	SCREW, TERMINAL, + BVTP CLAW	
21	4-917-025-01	BUTTON	
22	*4-923-424-01	PANEL (BASE A)	
901	1-555-750-00	(S100L;AEP,IT,WG)...CORD, POWER	
	1-556-562-00	(S100L;UK)...CORD, POWER	
902	*A-4351-693-A	(S100L;IT,WG)...MOUNTED PCB, TUNER	
	*A-4351-692-A	(S100L;AEP,UK)...MOUNTED PCB, TUNER	
903	*1-627-661-11	PC BOARD, POWER	
904	*1-627-664-11	(S100L)...PC BOARD, CONTROL	
905	*1-627-665-11	(S100L)...PC BOARD, SWITCH	
CNJ401	1-565-352-11	JACK, PIN 2P (OUTPUT)	
FL701	1-519-460-11	INDICATOR TUBE, FLUORESCENT	
PC501	1-553-318-00	SWITCH, PUSH (AC POWER)(1 KEY)	
PT501	1-449-400-11	TRANSFORMER, POWER	
TM101	*1-536-708-00	(AEP,UK)...TERMINAL BOARD, PUSH 4P	
TM101	*1-537-138-21	(IT,WG)...TERMINAL BOARD (ANT)	
TM102	1-563-199-11	(AEP,UK)...CONNECTOR, PAL	

(2) S300L



No.	Part No.	Description	Remarks
51	4-923-420-01	CASE	
52	*3-703-244-00	BUSHING (2104), CORD	
53	*4-923-412-21	(S300L;AEP)...PANEL, BACK	
	*4-923-413-41	(S300L;UK)...PANEL, BACK	
	*4-923-413-51	(S300L;WG)...PANEL, BACK	
	*4-923-413-61	(S300L;IT)...PANEL, BACK	
54	*3-346-265-11	HOLDER, PC BOARD	
55	X-4886-029-1	KNOB (45) ASSY	
56	X-3337-104-1	FOOT ASSY, ORNAMENTAL	
57	X-4864-303-0	FOOT ASSY	
58	4-923-421-11	PANEL, FRONT	
59	4-917-460-01	KNOB, POWER	
60	3-575-524-00	COVER, POWER SWITCH	
61	3-704-366-01	SCREW (CASE) (M3X8)	
63	7-682-548-04	SCREW +BVTT 3X8 (S)	
65	*1-535-114-31	(S300L;AEP,UK)...TERMINAL	
66	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
67	7-682-549-04	SCREW +BVTT 3X10	
68	*4-363-146-51	HEAT SINK, V.OUT	
70	3-704-242-01	SCREW, TERMINAL, + BVTP CLAW	
71	4-917-025-01	BUTTON	

No.	Part No.	Description	Remarks
906	1-555-750-00	(S300L;AEP,IT,WG)...CORD, POWER	
	1-556-562-00	(S300L;UK)...CORD, POWER	
907	*A-4351-686-A	MOUNTED PCB, TUNER	
908	*1-627-661-11	PC BOARD, POWER	
909	*1-627-662-11	PC BOARD, CONTROL	
CN801	1-564-980-11	(S300L)...PIN, CONNECTOR 4P (CONTROL S IN)	
CN802	1-564-980-11	(S300L)...PIN, CONNECTOR 4P (CONTROL S OUT)	
CNJ401	1-565-352-11	JACK, PIN 2P (OUTPUT)	
FL701	1-519-460-11	INDICATOR TUBE, FLUORESCENT	
PC501	1-553-318-00	SWITCH, PUSH (AC POWER)(1 KEY)	
PT501	1-449-400-11	TRANSFORMER, POWER	
TM101	*1-536-708-00	(AEP,UK)...TERMINAL BOARD, PUSH 4P	
TM101	*1-537-138-21	(IT,WG)...TERMINAL BOARD (ANT)	
TM102	1-563-199-11	(AEP,UK)...CONNECTOR, PAL	

Note: The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

SECTION 5
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF: μ F, PF: μ F.

RESISTORS
• All resistors are in ohms.
• F: nonflammable

COILS
• MMH: mH, UH: μ H

SEMICONDUCTORS
In each case, U: μ , for example:
UA...: μ A..., UPA...: μ PA...,
UPC...: μ PC, UPD...: μ PD...

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description
901	Δ .1-555-750-00	(S100L;AEP,IT,WG)...CORD, POWER
	Δ .1-556-562-00	(S100L;UK).....CORD, POWER
902	*A-4351-693-A	(S100L;IT,WG)...MOUNTED PCB, TUNER
	*A-4351-692-A	(S100L;AEP,UK)...MOUNTED PCB, TUNER
903	*1-627-661-11	PC BOARD, POWER
904	*1-627-664-11	(S100L)...PC BOARD, CONTROL
905	*1-627-665-11	(S100L)...PC BOARD, SWITCH
906	Δ .1-555-750-00	(S300L;AEP,IT,WG)...CORD, POWER
	Δ .1-556-562-00	(S300L;UK).....CORD, POWER
907	*A-4351-686-A	MOUNTED PCB, TUNER
908	*1-627-661-11	PC BOARD, POWER
909	*1-627-662-11	PC BOARD, CONTROL
C101	1-162-294-31	CERAMIC 0.001MF 10% 50V
C102	1-162-294-31	CERAMIC 0.001MF 10% 50V
C103	1-161-379-00	CERAMIC 0.01MF 30% 16V
C104	1-101-005-00	CERAMIC 0.022MF 50V
C105	1-161-379-00	(S300L/S100L;IT,WG) ...CERAMIC 0.01MF 30% 16V
C106	1-101-005-00	(S300L/S100L;IT,WG) ...CERAMIC 0.022MF 50V
C107	1-123-332-00	ELECT 47MF 20% 16V
C108	1-161-379-00	CERAMIC 0.01MF 30% 16V
C201	1-101-005-00	CERAMIC 0.022MF 50V
C202	1-101-006-00	CERAMIC 0.047MF 50V
C203	1-101-006-00	CERAMIC 0.047MF 50V
C204	1-101-005-00	CERAMIC 0.022MF 50V
C205	1-101-005-00	CERAMIC 0.022MF 50V
C206	1-102-120-00	CERAMIC 0.0018MF 10% 50V
C207	1-102-119-00	CERAMIC 0.0015MF 10% 50V
C208	1-101-005-00	CERAMIC 0.022MF 50V
C301	1-101-006-00	CERAMIC 0.047MF 50V
C302	1-101-006-00	CERAMIC 0.047MF 50V
C303	1-124-499-11	ELECT 1MF 20% 50V
C304	1-162-282-31	CERAMIC 100PF 10% 50V
C305	1-162-282-31	CERAMIC 100PF 10% 50V
C306	1-162-282-31	{AEP,UK}...CERAMIC 100PF
C306	1-162-290-31	(IT,WG)...CERAMIC 470PF 10% 50V
C307	1-162-286-31	(IT,WG)...CERAMIC 220PF 10% 50V
C308	1-123-332-00	ELECT 47MF 20% 16V
C309	1-161-379-00	CERAMIC 0.01MF 30% 16V
C310	1-123-611-00	ELECT 1MF 20% 50V
C311	1-126-163-11	ELECT 4.7MF 20% 50V
C312	1-130-485-00	MYLAR 0.015MF 5% 50V

Ref.No.	Part No.	Description
C313	1-126-162-11	ELECT 3.3MF 20% 50V
C314	1-126-163-11	ELECT 4.7MF 20% 50V
C315	1-101-006-00	CERAMIC 0.047MF 50V
C316	1-162-207-31	CERAMIC 22PF 5% 50V
C317	1-161-379-00	CERAMIC 0.01MF 30% 16V
C318	1-123-356-00	ELECT 10MF 20% 25V
C319	1-161-379-00	CERAMIC 0.01MF 30% 16V
C320	1-123-613-00	ELECT 3.3MF 20% 50V
C401	1-108-812-11	MYLAR 0.047MF 5% 50V
C402	1-123-356-00	ELECT 10MF 20% 25V
C403	1-123-356-00	ELECT 10MF 20% 25V
C404	1-162-288-31	CERAMIC 330PF 10% 50V
C405	1-108-812-11	MYLAR 0.047MF 5% 50V
C406	1-123-356-00	ELECT 10MF 20% 25V
C407	1-162-289-31	CERAMIC 390PF 10% 50V
C408	1-162-289-31	CERAMIC 390PF 10% 50V
C409	1-123-382-00	ELECT 3.3MF 20% 50V
C410	1-123-382-00	ELECT 3.3MF 20% 50V
C411	1-161-375-00	CERAMIC 0.0022MF 30% 16V
C412	1-161-375-00	CERAMIC 0.0022MF 30% 16V
C413	1-161-379-00	CERAMIC 0.01MF 30% 16V
C414	1-124-499-11	ELECT 1MF 20% 50V
C415	1-124-464-11	ELECT 0.22MF 20% 50V
C416	1-123-382-00	ELECT 3.3MF 20% 50V
C417	1-161-379-00	CERAMIC 0.01MF 30% 16V
C418	1-123-332-00	ELECT 47MF 20% 16V
C419	1-123-356-00	ELECT 10MF 20% 25V
C501	1-101-004-00	CERAMIC 0.01MF 50V
C502	1-101-004-00	CERAMIC 0.01MF 50V
C503	1-124-910-11	ELECT 47MF 20% 50V
C504	1-124-910-11	ELECT 47MF 20% 50V
C505	1-126-105-11	ELECT 1000MF 20% 35V
C506	1-123-356-00	ELECT 10MF 20% 25V
C507	1-101-005-00	CERAMIC 0.022MF 50V
C508	1-124-925-11	ELECT 2.2MF 20% 50V
C509	1-123-356-00	ELECT 10MF 20% 25V
C510	1-161-379-00	CERAMIC 0.01MF 30% 16V
C511	1-124-911-11	ELECT 220MF 20% 50V
C512	1-101-005-00	CERAMIC 0.022MF 50V
C551	Δ 1-161-744-00	CERAMIC 0.01MF 400V
C601	1-123-356-00	ELECT 10MF 20% 25V
C602	1-161-379-00	CERAMIC 0.01MF 30% 16V
C603	1-124-925-11	ELECT 2.2MF 20% 50V
C604	1-124-463-00	ELECT 0.1MF 20% 50V
C605	1-123-332-00	ELECT 47MF 20% 16V

Ref.No.	Part No.	Description
C606	1-161-379-00	CERAMIC 0.01MF 30% 16V
C607	1-101-004-00	CERAMIC 0.01MF 50V
C608	1-102-961-00	CERAMIC 27PF 5% 50V
C609	1-102-961-00	CERAMIC 27PF 5% 50V
C610	1-124-902-00	ELECT 0.47MF 20% 50V
C611	1-101-005-00	CERAMIC 0.022MF 50V
C612	1-101-005-00	CERAMIC 0.022MF 50V
C701	1-102-963-00	CERAMIC 33PF 5% 50V
C702	1-102-963-00	CERAMIC 33PF 5% 50V
C703	1-124-463-00	ELECT 0.1MF 20% 50V
C704	1-161-379-00	CERAMIC 0.01MF 30% 16V
C705	1-125-486-11	DOUBLE LAYERS 0.22F 5.5V
C706	1-161-379-00	CERAMIC 0.01MF 30% 16V
C707	1-126-157-11	ELECT 10MF 20% 16V
C708	1-126-154-11	ELECT 47MF 20% 6.3V
C750	1-162-286-31	CERAMIC 220PF 10% 50V
C751	1-162-286-31	(S100L)...CERAMIC 220PF 50V
C752	1-162-286-31	(S100L)...CERAMIC 220PF 50V
C753	1-162-286-31	CERAMIC 220PF 10% 50V
C754	1-162-286-31	CERAMIC 220PF 10% 50V
C755	1-162-286-31	CERAMIC 220PF 10% 50V
C756	1-162-286-31	CERAMIC 220PF 10% 50V
C757	1-162-286-31	CERAMIC 220PF 10% 50V
C758	1-162-286-31	CERAMIC 220PF 10% 50V
C759	1-162-286-31	CERAMIC 220PF 10% 50V
C760	1-162-286-31	CERAMIC 220PF 10% 50V
C761	1-162-286-31	CERAMIC 220PF 10% 50V
C762	1-162-286-31	CERAMIC 220PF 10% 50V
C763	1-162-286-31	CERAMIC 220PF 10% 50V
C764	1-162-286-31	CERAMIC 220PF 10% 50V
C801	1-162-286-31	CERAMIC 220PF 10% 50V
C802	1-162-211-31	(S300L)...CERAMIC 33PF 5% 50V
C802	1-162-211-31	(S300L)...CERAMIC 33PF 5% 50V
C803	1-161-379-00	(S300L)...CERAMIC 0.01MF 30% 16V
C804	1-123-356-00	(S300L)...ELECT 10MF 20% 25V
C805	1-162-282-31	(S300L)...CERAMIC 100PF 10% 50V
C806	1-162-282-31	(S300L)...CERAMIC 100PF 10% 50V
CF101	1-527-344-91	FILTER, CERAMIC
CF102	1-527-344-91	FILTER, CERAMIC
CF103	1-527-344-91	(IT,WG)...FILTER, CERAMIC
CF301	1-527-981-00	FILTER, CERAMIC
CF401	1-567-250-11	OSCILLATOR, CERAMIC
CF701	1-567-738-11	VIBRATOR, CERAMIC
CF801	1-567-738-11	(S300L)...VIBRATOR, CERAMIC (4MHz)
CN501	*1-566-167-11	HOUSING, CONNECTOR 5P
CN502	*1-564-342-11	PIN, CONNECTOR 8P
CN503	*1-564-340-21	(S100L)...PIN, CONNECTOR 6P
CN503	*1-564-341-21	(S300L)...PIN, CONNECTOR 7P
CN504	*1-566-167-11	HOUSING, CONNECTOR 5P
CN701	*1-564-496-11	(S300L)...PIN, CONNECTOR 3P
CN801	1-564-980-11	(S300L)...PIN, CONNECTOR 4P (CONTROL S IN)
CN802	1-564-980-11	(S300L)...PIN, CONNECTOR 4P (CONTROL S OUT)
CNJ401	1-565-352-11	JACK, PIN 2P (OUTPUT)
CP701	1-232-953-11	COMPOSITION CIRCUIT BLOCK
CP702	1-233-081-11	COMPOSITION CIRCUIT BLOCK

Ref.No.	Part No.	Description
D101	8-719-000-26	DIODE US1060M
D201	8-719-000-26	DIODE US1060M
D401	8-719-000-26	DIODE US1060M
D402	8-719-000-26	DIODE US1060M
D403	8-719-000-26	DIODE US1060M
D404	8-719-000-26	DIODE US1060M
D405	8-719-000-26	DIODE US1060M
D501	8-719-200-77	DIODE 10E2N
D502	8-719-200-77	DIODE 10E2N
D503	8-719-000-26	DIODE US1060M
D504	8-719-000-26	DIODE US1060M
D505	8-719-999-62	DIODE EQA01-06S2
D506	8-719-002-36	DIODE UZL-24M
D701	8-719-000-26	DIODE US1060M
D702	8-719-000-26	(IT)...DIODE US1060M
D703	8-719-000-26	(IT)...DIODE US1060M
D704	8-719-000-26	DIODE US1060M
D705	8-719-000-26	DIODE US1060M
D706	8-719-000-26	DIODE US1060M
D707	8-719-000-26	DIODE US1060M
D708	8-719-000-26	DIODE US1060M
D709	8-719-000-26	DIODE US1060M
D710	8-719-000-26	DIODE US1060M
D711	8-719-000-26	DIODE US1060M
D712	8-719-000-26	DIODE US1060M
D713	8-719-000-26	DIODE US1060M
D714	8-719-000-26	DIODE US1060M
D715	8-719-000-26	(S300L)...DIODE US1060M
D716	8-719-000-26	(S300L)...DIODE US1060M
D750	8-719-310-89	(S300L)...DIODE SEL1515W-C (PRESET)
D751	8-719-310-89	(S300L)...DIODE SEL1515W-C (TUNING)
D799	8-719-000-26	DIODE US1060M
D801	8-719-000-26	(S300L)...DIODE US1060M
FE101	1-463-857-11	(IT,WG)...FRONT END (FM)
FE101	1-463-871-11	{AEP,UK}...FRONT END (FM)
FE201	1-236-026-11	RF BLOCK (MW)
FE202	1-236-028-11	RF BLOCK (LW)
FL701	1-519-460-11	INDICATOR TUBE, FLUORESCENT
IC301	8-759-804-55	IC LA1266
IC401	8-759-801-80	IC LA3401
IC501	8-759-820-09	IC LA5667
IC601	8-759-820-91	IC LC7218
IC701	8-759-230-70	IC TMP47C441AN-1664
IC801	8-759-820-49	(S300L)...IC LC6527C-3750
IFT301	1-404-713-11	TRANSFORMER, IF
JP501	1-535-416-00	TERMINAL
JP502	1-535-416-00	TERMINAL
L101	1-408-575-00	INDUCTOR 100UH
L102	1-408-575-00	(S300L/S100L;IT,WG)...INDUCTOR 100UH
L201	1-408-425-00	INDUCTOR 220UH
L301	1-408-920-00	INDUCTOR 4.7MMH
L701	1-410-564-11	INDUCTOR 100UH
LPF401	1-235-164-00	FILTER, LOW PASS
LPF402	1-235-164-00	FILTER, LOW PASS

Ref.No.	Part No.	Description
PC501	1-553-318-00	SWITCH, PUSH (AC POWER)(1 KEY)
PT501	1-449-400-11	TRANSFORMER, POWER
Q101	8-729-266-93	TRANSISTOR 2SC2669
Q102	8-729-266-93	TRANSISTOR 2SC2669
Q103	8-729-266-93	(S300L/S100L;IT,WG)..TRANSISTOR 2SC2669
Q104	8-729-266-93	(S300L/S100L;IT,WG)..TRANSISTOR 2SC2669
Q105	8-719-115-12	TRANSISTOR BN1L4M
Q106	8-729-900-80	TRANSISTOR DTC114ES
Q201	8-729-806-28	TRANSISTOR 2SC3402
Q202	8-729-806-28	TRANSISTOR 2SC3402
Q203	8-729-806-28	TRANSISTOR 2SC3402
Q204	8-729-801-72	TRANSISTOR 2SC2603-E
Q205	8-729-600-60	TRANSISTOR 2SA1115P
Q206	8-729-806-28	TRANSISTOR 2SC3402-TP
Q301	8-729-600-27	TRANSISTOR 2SC634SP
Q401	8-729-900-80	TRANSISTOR DTC114ES
Q402	8-729-600-27	TRANSISTOR 2SC634SP
Q403	8-729-600-27	TRANSISTOR 2SC634SP
Q601	8-729-202-67	TRANSISTOR 2SK246GR3
Q602	8-729-201-84	TRANSISTOR 2SC3112B
Q603	8-729-202-67	TRANSISTOR 2SK246GR3
Q604	8-729-201-84	TRANSISTOR 2SC3112B
Q701	8-729-806-34	TRANSISTOR 2SC3400
Q702	8-729-806-34	TRANSISTOR 2SC3400
Q703	8-729-806-34	(S300L)...TRANSISTOR 2SC3400
Q704	8-729-806-34	(S300L)...TRANSISTOR 2SC3400
R101	1-249-411-11	CARBON 330 5% 1/4W
R102	1-249-411-11	CARBON 330 5% 1/4W
R103	1-249-411-11	CARBON 330 5% 1/4W
R104	1-249-432-11	CARBON 18K 5% 1/4W
R105	1-249-414-11	CARBON 560 5% 1/4W
R106	1-249-411-11	CARBON 330 5% 1/4W
R107	1-249-434-11	CARBON 27K 5% 1/4W
R108	1-249-411-11	(S300L/S100L;IT,WG)..CARBON 330 5% 1/4W
R109	1-249-432-11	(S300L/S100L;IT,WG)..CARBON 18K 5% 1/4W
R110	1-249-416-11	(S300L/S100L;IT,WG)..CARBON 820 5% 1/4W
R111	1-249-411-11	(S300L/S100L;IT,WG)..CARBON 330 5% 1/4W
R112	1-249-434-11	(S300L/S100L;IT,WG)..CARBON 27K 5% 1/4W
R113	1-247-694-11	(S300L/S100L;IT,WG)CARBON 33 5% 1/4W F
R114	1-249-439-11	CARBON 68K 5% 1/4W
R115	1-249-425-11	CARBON 4.7K 5% 1/4W
R116	1-249-429-11	CARBON 10K 5% 1/4W
R201	1-249-441-11	CARBON 100K 5% 1/4W
R202	1-249-437-11	CARBON 47K 5% 1/4W
R203	1-249-425-11	CARBON 4.7K 5% 1/4W
R204	1-249-425-11	CARBON 4.7K 5% 1/4W
R205	1-249-429-11	CARBON 10K 5% 1/4W
R206	1-249-441-11	CARBON 100K 5% 1/4W
R207	1-249-437-11	CARBON 47K 5% 1/4W
R208	1-247-903-00	CARBON 1M 5% 1/4W
R209	1-249-402-11	CARBON 56 5% 1/4W
R210	1-249-433-11	CARBON 22K 5% 1/4W
R211	1-249-421-11	CARBON 2.2K 5% 1/4W
R212	1-249-434-11	CARBON 27K 5% 1/4W
R213	1-249-433-11	CARBON 22K 5% 1/4W
R214	1-249-413-11	CARBON 470 5% 1/4W
R215	1-249-441-11	CARBON 100K 5% 1/4W

Ref.No.	Part No.	Description
R301	1-247-702-11	CARBON 150 5% 1/4W F
R302	1-249-431-11	CARBON 15K 5% 1/4W
R303	1-249-423-11	(S300L)...CARBON 3.3K 5% 1/4W
R304	1-249-421-11	CARBON 2.2K 5% 1/4W
R305	1-249-434-11	CARBON 27K 5% 1/4W
R306	1-249-441-11	CARBON 100K 5% 1/4W
R307	1-249-439-11	CARBON 68K 5% 1/4W
R308	1-247-848-11	CARBON 5.1K 5% 1/4W
R309	1-249-429-11	CARBON 10K 5% 1/4W
R310	1-249-423-11	CARBON 3.3K 5% 1/4W
R311	1-249-404-00	CARBON 82 5% 1/4W
R312	1-249-417-11	CARBON 1K 5% 1/4W
R313	1-249-421-11	CARBON 2.2K 5% 1/4W
R401	1-249-429-11	CARBON 10K 5% 1/4W
R402	1-249-421-11	CARBON 2.2K 5% 1/4W
R403	1-247-885-00	CARBON 180K 5% 1/4W
R404	1-247-885-00	CARBON 180K 5% 1/4W
R405	1-247-883-00	CARBON 150K 5% 1/4W
R406	1-247-883-00	CARBON 150K 5% 1/4W
R407	1-249-423-11	CARBON 3.3K 5% 1/4W
R408	1-249-423-11	CARBON 3.3K 5% 1/4W
R409	1-249-423-11	CARBON 3.3K 5% 1/4W
R410	1-249-423-11	CARBON 3.3K 5% 1/4W
R411	1-249-441-11	CARBON 100K 5% 1/4W
R412	1-249-441-11	CARBON 100K 5% 1/4W
R413	1-249-441-11	CARBON 100K 5% 1/4W
R414	1-249-429-11	CARBON 10K 5% 1/4W
R415	1-249-429-11	CARBON 10K 5% 1/4W
R416	1-249-423-11	CARBON 3.3K 5% 1/4W
R417	1-249-432-11	CARBON 18K 5% 1/4W
R418	1-249-426-11	CARBON 5.6K 5% 1/4W
R419	1-247-696-11	CARBON 47 5% 1/4W F
R501	1-247-752-11	CARBON 1K 5% 1/2W F
R502	1-249-437-11	CARBON 47K 5% 1/4W
R503	1-249-414-11	CARBON 560 5% 1/4W
R601	1-249-417-11	CARBON 1K 5% 1/4W
R602	1-249-417-11	CARBON 1K 5% 1/4W
R603	1-249-417-11	CARBON 1K 5% 1/4W
R604	1-249-417-11	CARBON 1K 5% 1/4W
R605	1-249-429-11	CARBON 10K 5% 1/4W
R606	1-249-429-11	CARBON 10K 5% 1/4W
R607	1-249-429-11	CARBON 10K 5% 1/4W
R608	1-249-429-11	CARBON 10K 5% 1/4W
R609	1-249-429-11	CARBON 10K 5% 1/4W
R610	1-249-429-11	CARBON 10K 5% 1/4W
R611	1-249-429-11	CARBON 10K 5% 1/4W
R612	1-247-696-11	CARBON 47 5% 1/4W F
R613	1-247-700-11	CARBON 100 5% 1/4W F
R614	1-249-423-11	CARBON 3.3K 5% 1/4W
R615	1-249-414-11	CARBON 560 5% 1/4W
R616	1-249-418-11	CARBON 1.2K 5% 1/4W
R617	1-249-410-11	CARBON 270 5% 1/4W
R618	1-249-425-11	CARBON 4.7K 5% 1/4W
R619	1-249-421-11	CARBON 2.2K 5% 1/4W
R620	1-249-425-11	CARBON 4.7K 5% 1/4W
R621	1-249-425-11	CARBON 4.7K 5% 1/4W
R622	1-249-405-11	CARBON 100 5% 1/4W

Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.



ST-S100L/S300L

Ref.No.	Part No.	Description
R623	1-249-417-11	CARBON 1K 5% 1/4W
R624	1-249-414-11	CARBON 560 5% 1/4W
R625	1-249-418-11	CARBON 1.2K 5% 1/4W
R626	1-249-410-11	CARBON 270 5% 1/4W
R627	1-249-433-11	CARBON 22K 5% 1/4W
R628	1-249-421-11	CARBON 2.2K 5% 1/4W
R629	1-249-425-11	CARBON 4.7K 5% 1/4W
R701	1-249-405-11	CARBON 100 5% 1/4W
R702	1-249-441-11	CARBON 100K 5% 1/4W
R703	1-249-441-11	CARBON 100K 5% 1/4W
R704	1-247-855-00	{S100L}...CARBON 10K
R704	1-249-417-11	{S300L}...CARBON 1K 5% 1/4W
R705	1-249-441-11	CARBON 100K 5% 1/4W
R706	1-249-441-11	CARBON 100K 5% 1/4W
R707	1-249-408-11	{S300L}...CARBON 180 5% 1/4W
R708	1-249-408-11	{S300L}...CARBON 180 5% 1/4W
R709	1-249-429-11	{S300L}...CARBON 10K 5% 1/4W
R710	1-249-429-11	{S300L}...CARBON 10K 5% 1/4W
R751	1-249-429-11	{S300L}...CARBON 10K 5% 1/4W
R752	1-249-429-11	CARBON 10K 5% 1/4W
R753	1-249-429-11	CARBON 10K 5% 1/4W
R801	1-249-425-11	{S300L}...CARBON 4.7K 5% 1/4W
R802	1-249-393-11	{S300L}...CARBON 10 5% 1/4W
R803	1-249-417-11	{S300L}...CARBON 1K 5% 1/4W
R804	△.1-247-711-11	{S300L}...CARBON 680 5% 1/4W F
RV301	1-228-996-00	RES, ADJ, CARBON 47K (STOP LEVEL)
RV302	1-228-995-00	RES, ADJ, CARBON 22K (AM METER)
RV401	1-228-997-00	RES, ADJ, CARBON 100K (STEREO SEPARATION)
S701	1-554-303-21	SWITCH, KEY BOARD (1)
S702	1-554-303-21	SWITCH, KEY BOARD (2)
S703	1-554-303-21	SWITCH, KEY BOARD (3)
S704	1-554-303-21	SWITCH, KEY BOARD (4)
S705	1-554-303-21	SWITCH, KEY BOARD (5)
S706	1-554-303-21	SWITCH, KEY BOARD (6)
S707	1-554-303-21	SWITCH, KEY BOARD (7)
S708	1-554-303-21	SWITCH, KEY BOARD (8)
S709	1-554-303-21	SWITCH, KEY BOARD (9)
S710	1-554-303-21	SWITCH, KEY BOARD (0)
S711	1-554-303-21	SWITCH, KEY BOARD (ENTER)
S712	1-554-303-21	SWITCH, KEY BOARD {S300L;PRESET/TUNING},{S100L;MEMORY}
S713	1-554-303-21	SWITCH, KEY BOARD {S300L;MEMORY},{S100L;MEMORY SCAN}
S714	1-554-303-21	SWITCH, KEY BOARD {S300L;MEMORY SCAN},{S100L;AUTO TUNING}

Ref.No.	Part No.	Description
S715	1-554-303-21	SWITCH, KEY BOARD {S300L;AUTO TUNING},{S100L;BAND FM/AM}
S716	1-554-303-21	SWITCH, KEY BOARD {S300L;BAND},{S100L;STEREO/MUTE}
S717	1-554-303-21	SWITCH, KEY BOARD {S300L;ST/MUTE},{S100L;TUNING +}
S718	1-554-303-21	SWITCH, KEY BOARD {S300L;FM AUTO MEMORY},{S100L;TUNING -}
S719	1-571-083-21	{S300L}...SWITCH, SLIDE (PROGRAM)
S720	1-571-327-21	{S300L}...SWITCH, ROTARY (TUNING)
T301	1-404-743-11	COIL, DISCRIMINATOR
T302	1-404-742-11	{S300L}...COIL, DISCRIMINATOR
T303	1-235-126-00	{S300L/S100L;IT,WG} ...ENCAPSULATED COMPONENT
TM101	*1-536-708-00	{AEP,UK}...TERMINAL BOARD, PUSH 4P
TM101	*1-537-138-21	{IT,WG}...TERMINAL BOARD (ANT)
TM102	1-563-199-11	{AEP,UK}...CONNECTOR, PAL
TP301	*1-560-060-00	PIN, CONNECTOR 2P
△WP501	*1-535-139-00	BASE POST 22MM (10MM PITCH) 2P
X601	1-577-126-11	VIBRATOR, CRYSTAL (7.2MHZ)

ACCESSORY & PACKING MATERIAL

1-558-787-21	CORD, CONNECTION
1-558-233-11	{S300L}...CORD {WITH CONNECTOR SIRCS} 4P
3-786-281-41	{S300L;AEP,IT,WG}...MANUAL, INSTRUCTION
3-786-282-11	{AEP,UK}...MANUAL, INSTRUCTION
3-786-282-41	{S100L;AEP,IT,WG}...MANUAL, INSTRUCTION
1-402-082-11	ANTENNA, FERRITE-ROD (LW/MW/SW)
1-501-224-00	{AEP,UK}...ANTENNA, FEEDER
1-501-369-11	{IT}...ANTENNA
*3-704-346-01	{S300L}...SHEET (STANDARD), PROTECTION
*3-704-339-01	{S100L}...SHEET (STANDARD), PROTECTION
*4-905-292-91	{S100L}...INDIVIDUAL CARTON
*4-908-060-91	{S300L}...INDIVIDUAL CARTON
4-915-426-01	{S300L}...CUSHION
*4-917-021-01	{S100L}...CUSHION

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