


WM-FX55

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model
Tourist Model



Dolby noise reduction manufactured under license from
Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol  are trademarks of
Dolby Laboratories Licensing Corporation.

Model Name Using Similar Mechanism	WM-EX60/EX70
Tape Transport Mechanism Type	MT-WMFX55-60

SPECIFICATIONS

Radio section

Frequency range: FM: 87.5 - 108.0 MHz
AM: 530 - 1,710 kHz (Canadian model)
AM: 522 - 1,611 kHz (IT model)
531 - 1,602 kHz (model for other countries)

Antenna: FM Headphones cord antenna
AM: Built-in ferrite bar antenna

Tape player section and general

Frequency response (DOLBY NR off): 40 - 15,000 Hz

Output: Headphones (PHONES/REMOTE jack) load impedance 8 - 300 Ω

Power output: 5 mW + 5 mW at DC operation

Power requirements: 3 V DC
Two R6 (size AA) batteries
DC IN 3 V jack accepts Sony AC-E30L AC power adaptor (not supplied) available in Canada for use on 120 V AC, 60 Hz
available in other countries for use on 100 - 120 V AC or 220 - 240 V AC, 50 or 60 Hz

Battery life

Battery	Playback hours	Radio (FM) Reception
Sony SUM-3 (NS)	Approx. 3 hours	Approx. 8 hours
Sony AM3 (N)	Approx. 10.5 hours	Approx. 25 hours

For maximum performance we recommend the use of alkaline batteries.

Dimensions: Approx. 114.5 x 80.7 x 31.8 mm (width incl. projecting parts and controls) (Approx. 4 1/2 x 3 1/4 x 1 1/8 in.)

Weight: Approx. 230 g (8.2 oz) incl. batteries, not incl. other accessories

Note on the AC power adaptor

Use only the recommended AC power adaptor (not supplied).
Do not use any other AC power adaptor.

Polarity of the plug



FM/AM RADIO CASSETTE PLAYER

SONY



SECTION 1
SERVICING NOTE

TABLE OF CONTENTS

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7.	ELECTRICAL PARTS LIST	25

This set detects reel rotation by PH701 (photo sensor). Reel rotation cannot be detected when the main board is removed, because PH701 is mounted on the main board. As a result, the auto-off circuit and tape end detection will misoperate. And, up and down of head and power supply of playback circuit cannot operate when the main board is removed, because S703 (NR switch) is mounted to the main board (S703 is linked to on and off of the plunger solenoid.) Therefore, operation check of the mechanism deck and voltage check can be performed by the method shown below.

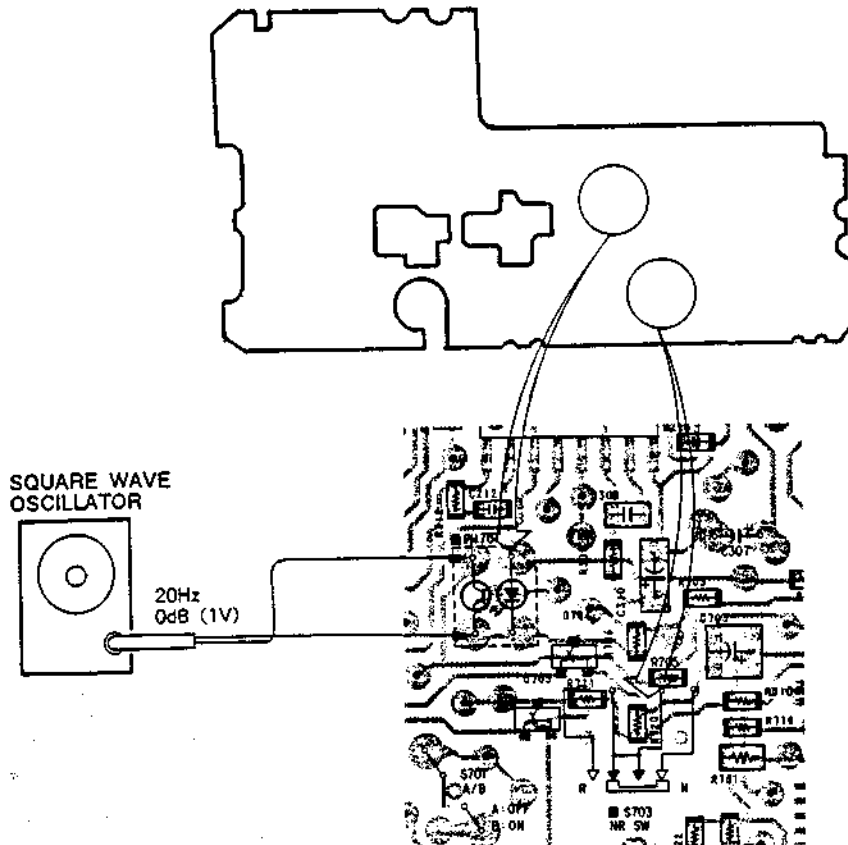
FF/REW mode

- 1) Switch position S703 : STOP (Center)
- 2) Apply the square wave signal to the PH701.
- 3) Press the ◀ or ▶ key.

PLAY mode

- 1) Switch position S703 : STOP (Center)
- 2) Apply the square wave signal to the PH701.
- 3) Press the ▶ key.
- 4) Turn on S703 a few seconds later.

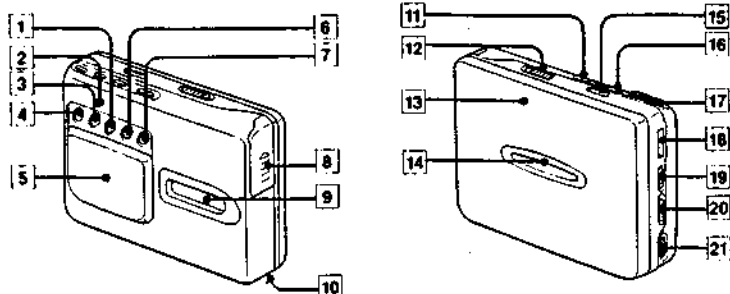
— AUDIO Board —



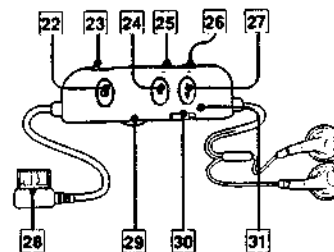
SECTION 2 GENERAL

Parts Identification Nomenclature

Main unit Appareil



Headphones with remote controller Casque avec télécommande



Main unit

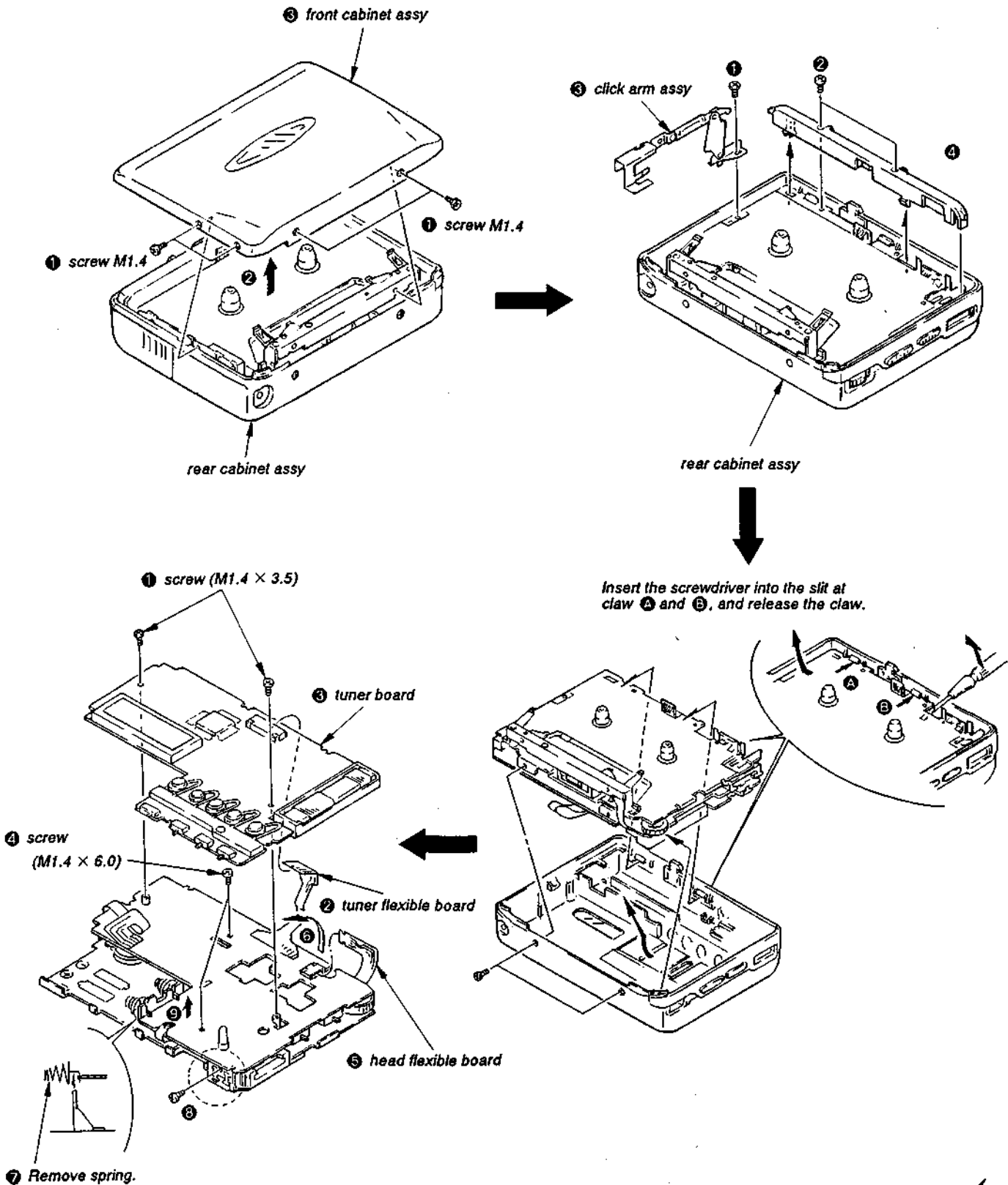
- 1 FF (fast-forward)/PRESET + button
- 2 BATT (battery) indicator
- 3 REW (rewind)/PRESET - button
- 4 RADIO ON/BAND (radio on/band selector) button
- 5 Hold cover (sliding cover for protection)
- 6 ■ (stop)/RADIO OFF button
- 7 ◀▶ (playback/tape transport direction change) button
- 8 Battery compartment lid
- 9 Display window
- 10 DC IN 3 V jack
- 11 FM DX • LOCAL selector (Canadian model only)
FM ST • MONO (FM stereo/monaural) selector (model for other countries)
- 12 OPEN switch
- 13 Cassette holder
- 14 Window
- 15 MODE ▶◀ (tape transport) selector
- 16 ENTER button
- 17 SCAN - + (tuning) buttons
- 18 PHONES/REMOTE (headphones with remote controller) jack
- 19 DOLBY NR (dolby noise reduction) ON/OFF selector
- 20 MEGA BASS selector
- 21 VOL control

Headphones with remote controller

- 22 B (radio on/band selector) button
- 23 AVLS (automatic volume limiter system) switch
- 24 ■ (stop)/radio off button
- 25 REW (rewind)/- (preset -) button
- 26 FF (fast-forward)/+ (preset +) button
- 27 ◀▶ (playback/tape transport direction change) button
- 28 Nine-pole plug
- 29 VOL (volume) control
- 30 HOLD switch
- 31 HOLD indicator

SECTION 3 DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.



SECTION 4 ADJUSTMENTS

4-1. MECHANICAL ADJUSTMENTS

PRECAUTION

- Clean the following parts with a denatured-alcohol-moistened swab:

playback head	rubber belts
capstan	idlers
pinch roller	
- Demagnetize the playback head with a head demagnetizer.
- Do not use a magnetized screwdriver for the adjustments.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- The adjustments should be performed with the rated power supply voltage (3V) unless otherwise noted.

Torque Measurement

Mode	Torque meter	Meter reading
FWD	CQ-102C	20 - 40 g-cm (0.28 - 0.55 oz-inch)
FWD Back Tension		1.0 - 4 g-cm (0.02 - 0.04 oz-inch)
REV	CQ-102RB	20 - 40 g-cm (0.28 - 0.55 oz-inch)
REV Back Tension		1.0 - 3.5 g-cm (0.02 - 0.04 oz-inch)
FF	CQ-201B	more than 50 g-cm (more than 0.70 oz-inch)
REW		more than 50 g-cm (more than 0.70 oz-inch)

Tape Pulling Force Measurement

Mode	Torque meter	Meter reading
FWD	CQ-403A	more than 35 g
REV	CQ-403R	more than 35 g

4-2. ELECTRICAL ADJUSTMENTS

PRECAUTION

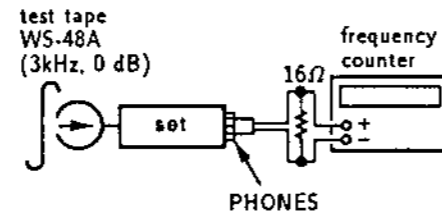
- Power supply voltage : 3V
- Switch position
DOLBY NR switch : OFF
DBB switch : OFF

Test Tape

Type	Signal	Used for
WS-48A	3 kHz, 0 dB	Tape Speed Adjustment

TAPE SPEED ADJUSTMENT

Procedure :

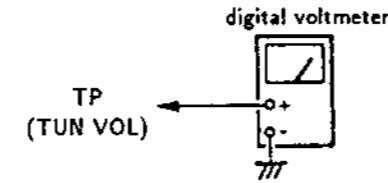


- Play back WS-48A (tape center portion) in FWD mode. Adjust the RV601 so that the frequency counter reads $3,000 \pm 15\text{Hz}$.
- Play back WS-48A (tape center portion) in REV mode. Confirm that the reading of frequency counter is within 2.5% from the reading in step 1.

Radio Section

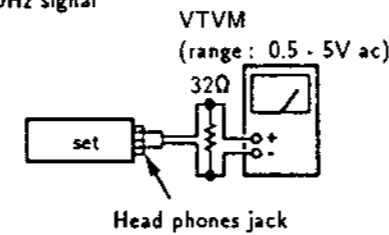
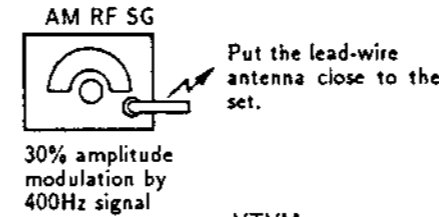
AM SECTION

BAND switch : AM



AM TUNING VOLTAGE ADJUSTMENT	
Adjust for following values on digital voltmeter	
Display indication	AM (530kHz), < 531kHz >, [522kHz]
Digital voltmeter reading	$1.10 \pm 0.05\text{V}$
Adjustment part	L4

AM Tracking Adjustment



- Repeat the procedures in each adjustment several times, and the tracking adjustment should be finally done by the trimmer capacitors.

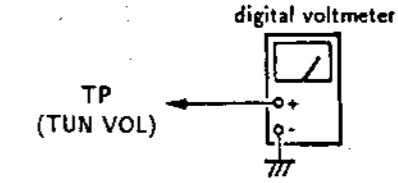
AM TRACKING ADJUSTMENT		
Adjust for a maximum reading on VTVM.		
Display indication	(630kHz), < 621kHz >, [621kHz]	AM (1490kHz), < 1395kHz >, [1395kHz]
SG frequency		
Adjustment part	L1	CT1

AM IF ALIGNMENT	
Adjust for a maximum reading on VTVM.	
Display indication	AM (1,710kHz), < 1,602kHz > [1,611kHz]
SG frequency	
Adjustment part	T1

FM SECTION

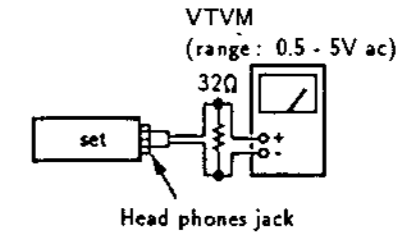
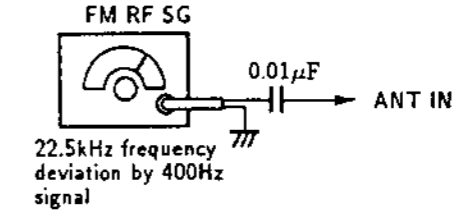
FM Tuning Voltage Adjustment

BAND switch : FM



FM TUNING VOLTAGE ADJUSTMENT	
Adjust for following values on digital voltmeter	
Display indication	FM 87.5MHz
Digital voltmeter reading	$3.3 \pm 0.05\text{V}$
Adjustment part	L3

FM Tracking Adjustment



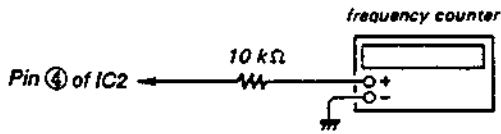
- Repeat the procedures in each adjustment several times, and the tracking adjustment should be finally done by the trimmer capacitors.

FM TRACKING ADJUSTMENT		
Adjust for a maximum reading on VTVM.		
Display indication	FM 87.5MHz	FM 108.00MHz
SG frequency	87.5MHz	108.00MHz
Adjustment part	L2	CT2

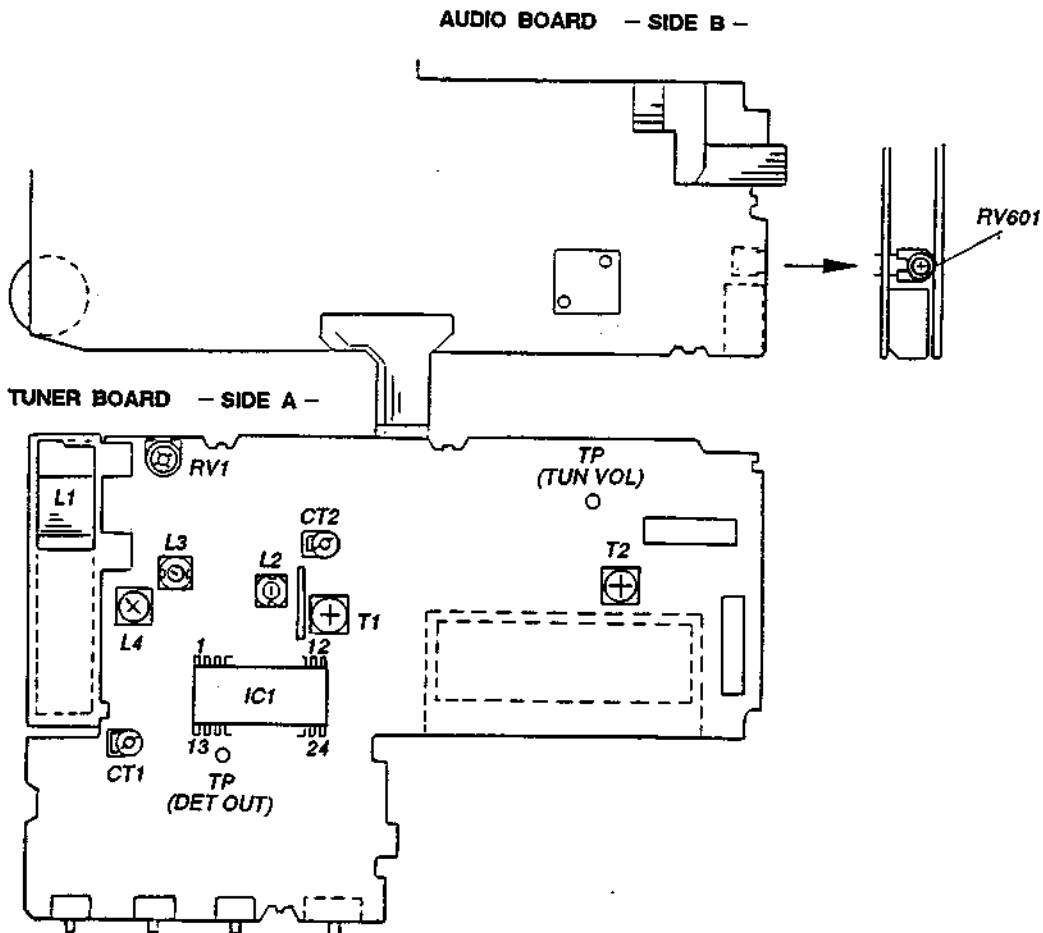
() : US, Canadian < > : AEP, E, UK [] : Italian

VCO Adjustment

BAND switch: FM

**Procedure:**

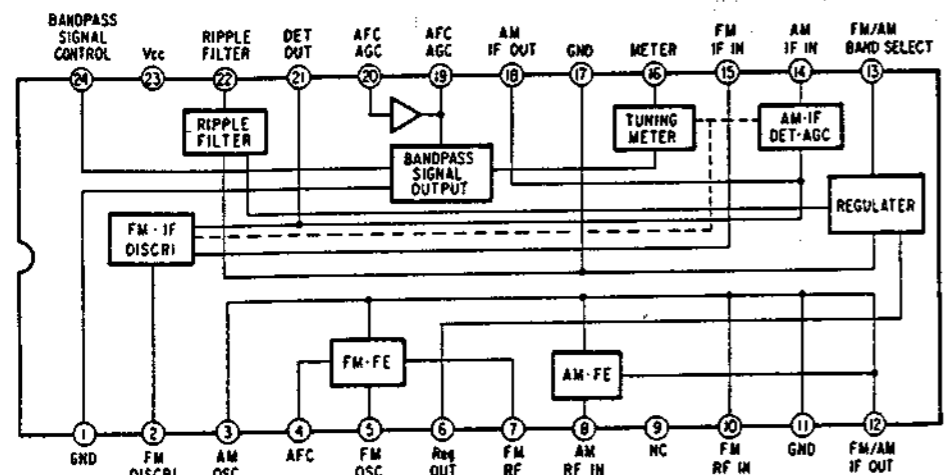
1. Connect an electrolytic capacitor 1 μ F between TP (DET OUT) and ground.
2. Adjust RV1 for 76.0 ± 0.3 kHz on the counter.
3. Remove electrolytic capacitor connected in step 1.

Adjustment Parts Location Diagram:

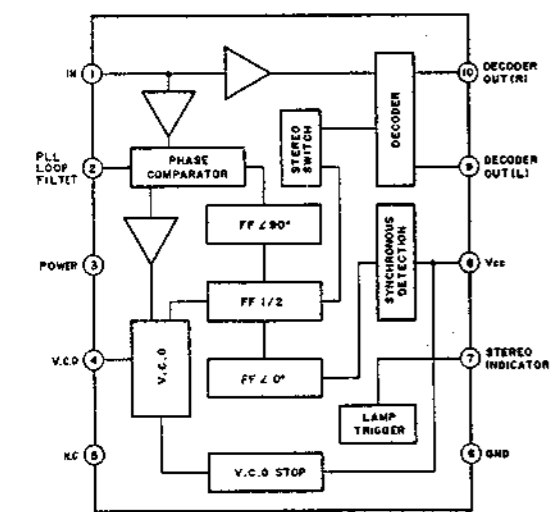
SECTION 5
DIAGRAMS

• IC Block Diagrams

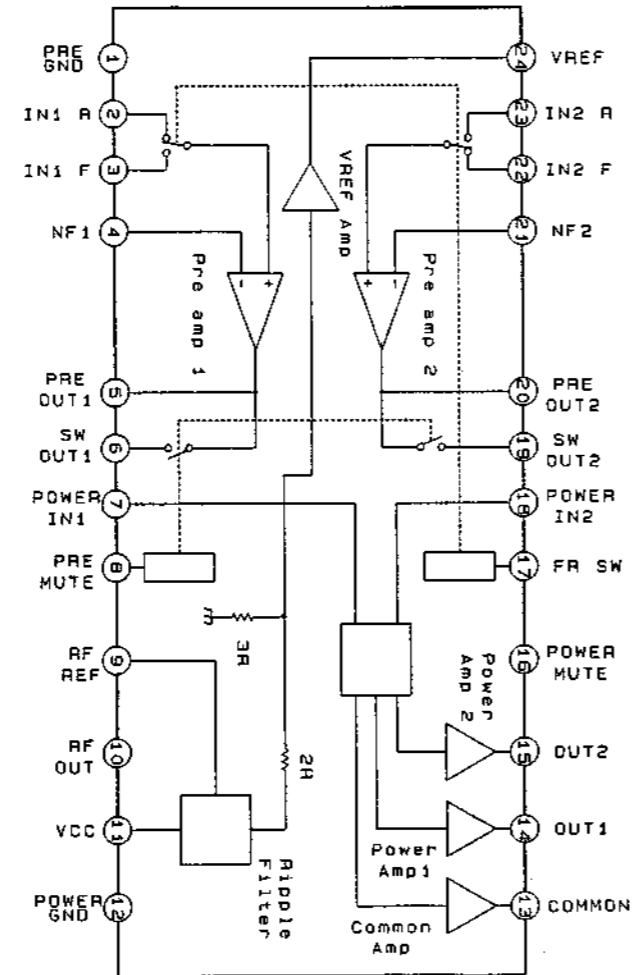
IC1 CX20111



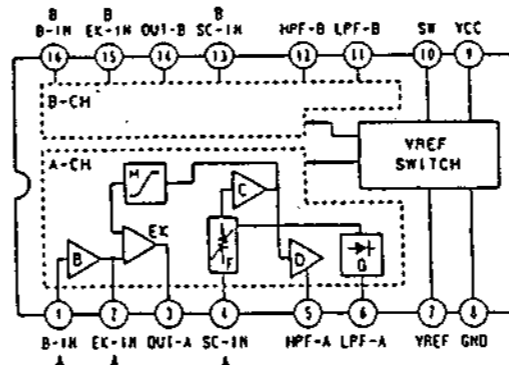
IC2 LA3335M



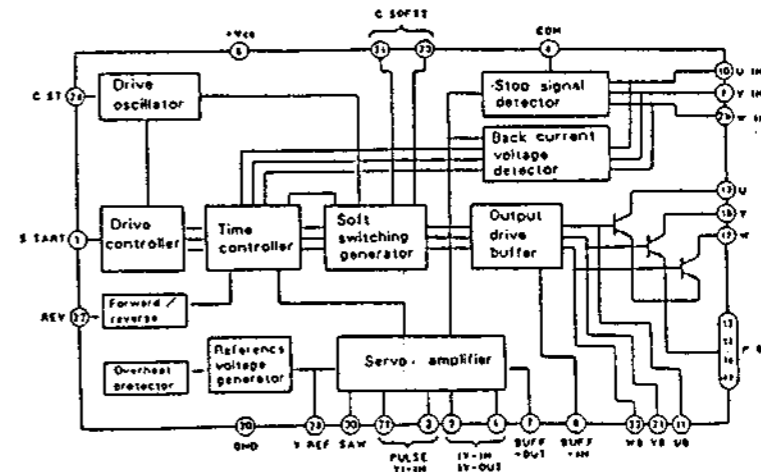
IC301 LA4581M



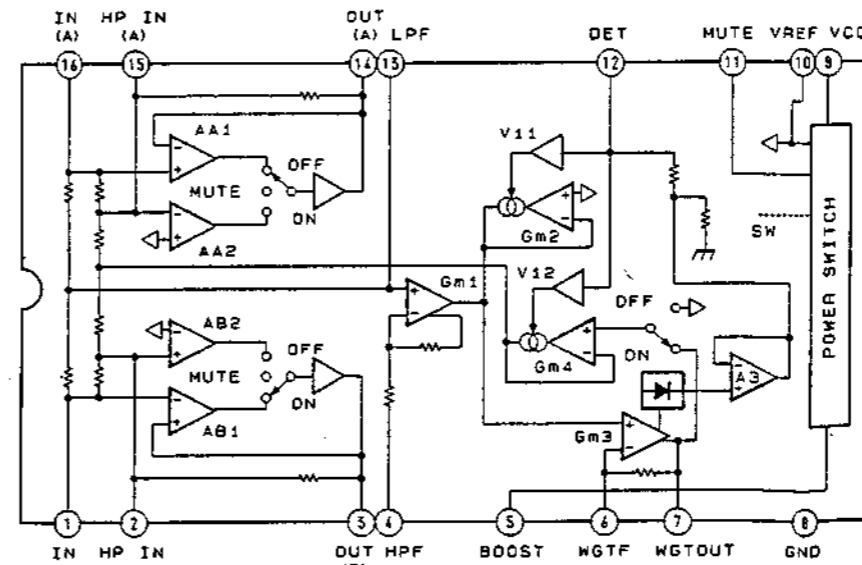
IC302 NJM2063AM



IC601 TLP326ADB

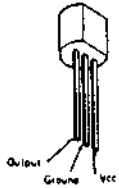


IC303 RC2106M

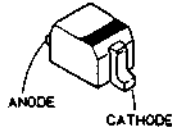


• Semiconductor Lead Layouts

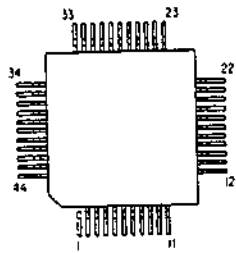
S-8051-HN-CD-S



MA110
MA728
MA729



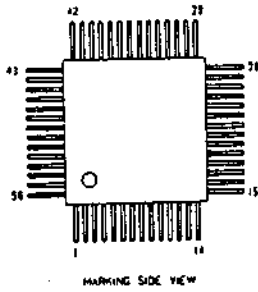
MSM6576-03GS



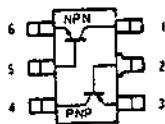
NJL5161K-B



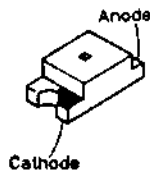
UPD1724GB-566-1P7



XN4601
XN4608



CL-70G-CD



KV1560



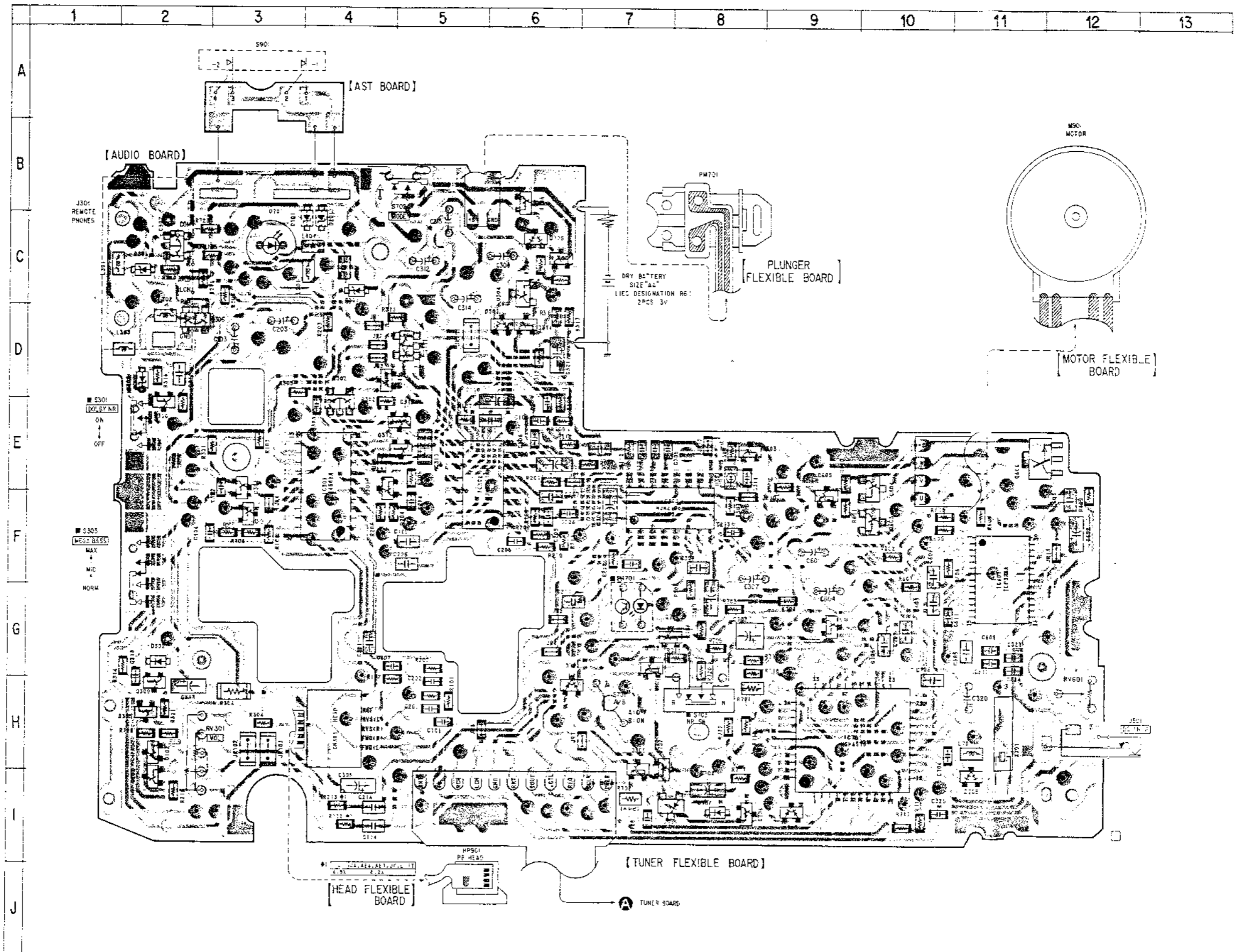
5-1. AUDIO SECTION PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAM

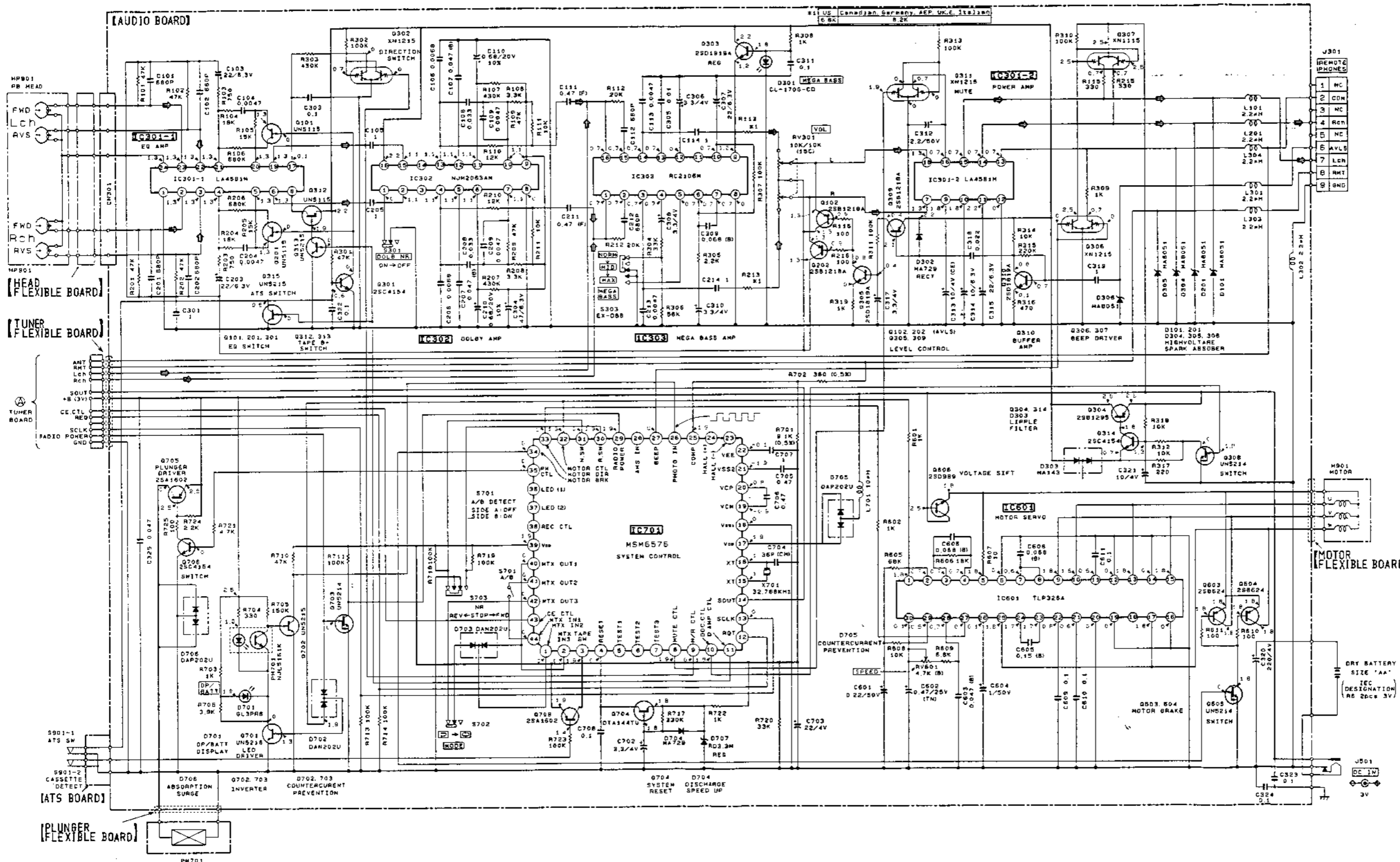
• Semiconductor Location

Ref. No.	Location
D101	C-4
D201	C-4
D301	E-8
D302	G-2
D303	D-6
D304	C-4
D305	D-2
D306	C-2
D701	C-3
D702	H-6
D703	I-9
D704	I-8
D705	I-11
D706	C-6
D707	I-8
IC301	F-4
IC302	F-5
IC303	F-7
IC601	F-11
IC701	H-9
Q101	H-2
Q102	H-2
Q201	F-4
Q202	I-2
Q301	F-3
Q302	F-4
Q303	F-8
Q304	C-6
Q305	H-2
Q306	D-2
Q307	C-2
Q308	H-7
Q309	H-2
Q310	F-2
Q311	D-5
Q312	F-5
Q313	F-5
Q314	D-6
Q315	D-4
Q603	F-10
Q604	E-10
Q605	E-9
Q606	E-11
C701	G-8
C702	H-6
Q703	G-7
Q704	I-8
Q705	C-6
Q706	B-6
Q709	C-9

Note:

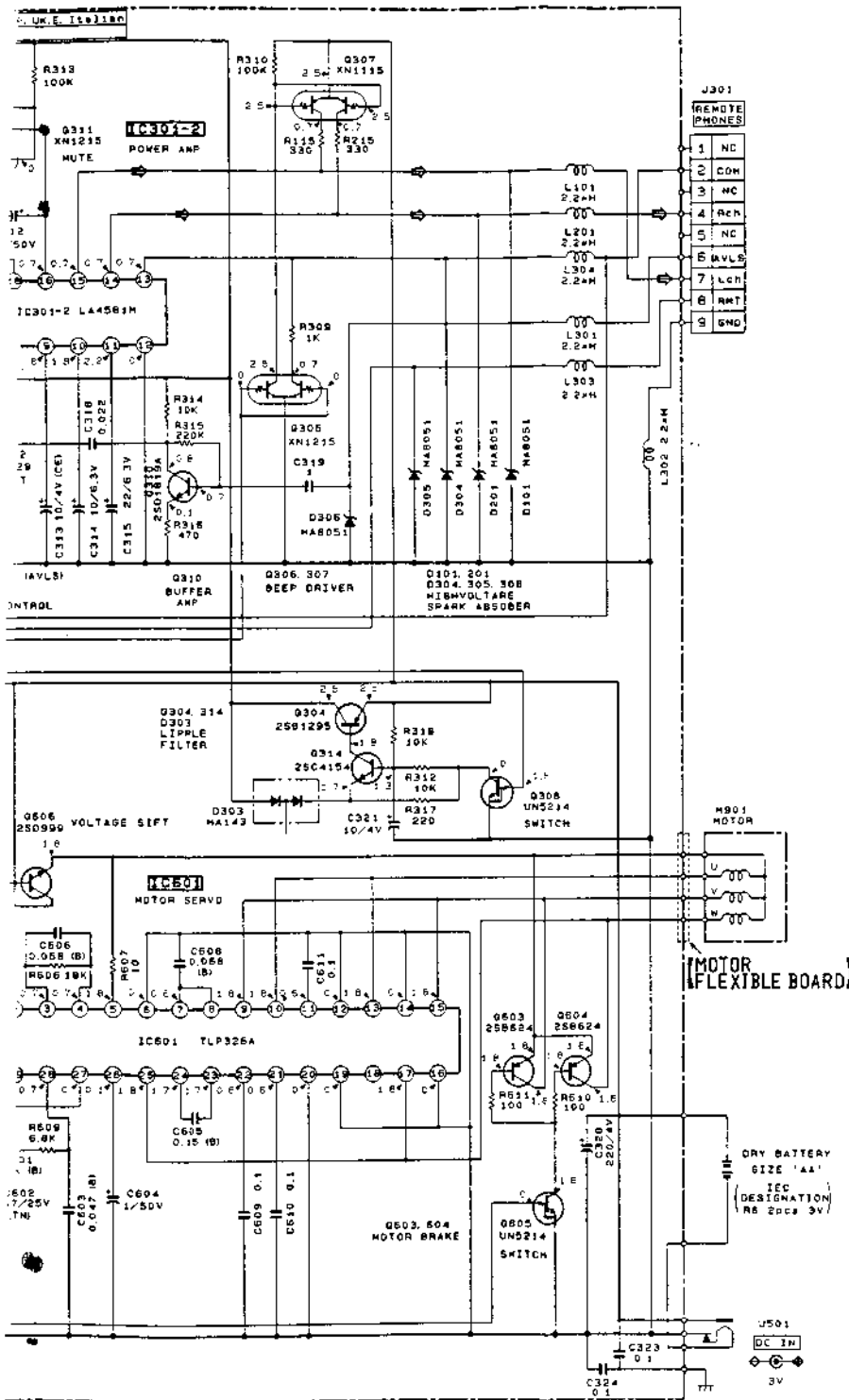
- ■ : parts mounted on the conductor side.
- ● : Through hole.
- □ : Pattern on the side which is seen.
- ◑ : Pattern of the rear side.





- Note:**
- All capacitors are in μF unless otherwise specified.
 - All resistors are in Ω and $\frac{1}{2}$ W specified.
 - --- : B + Line.
 - --- : adjustment for repair.
 - Power voltage is dc 3 V and fed from external power voltage jack.
 - Voltages and waveforms are dc no-signal (detuned) conditions. no mark : PLAY
 - Waveforms are taken with an oscilloscope. Voltage variations may be noted as tolerances.
 - Signal path.
 - --- : PB (DECK A)

11 12 13 14 15 16 17

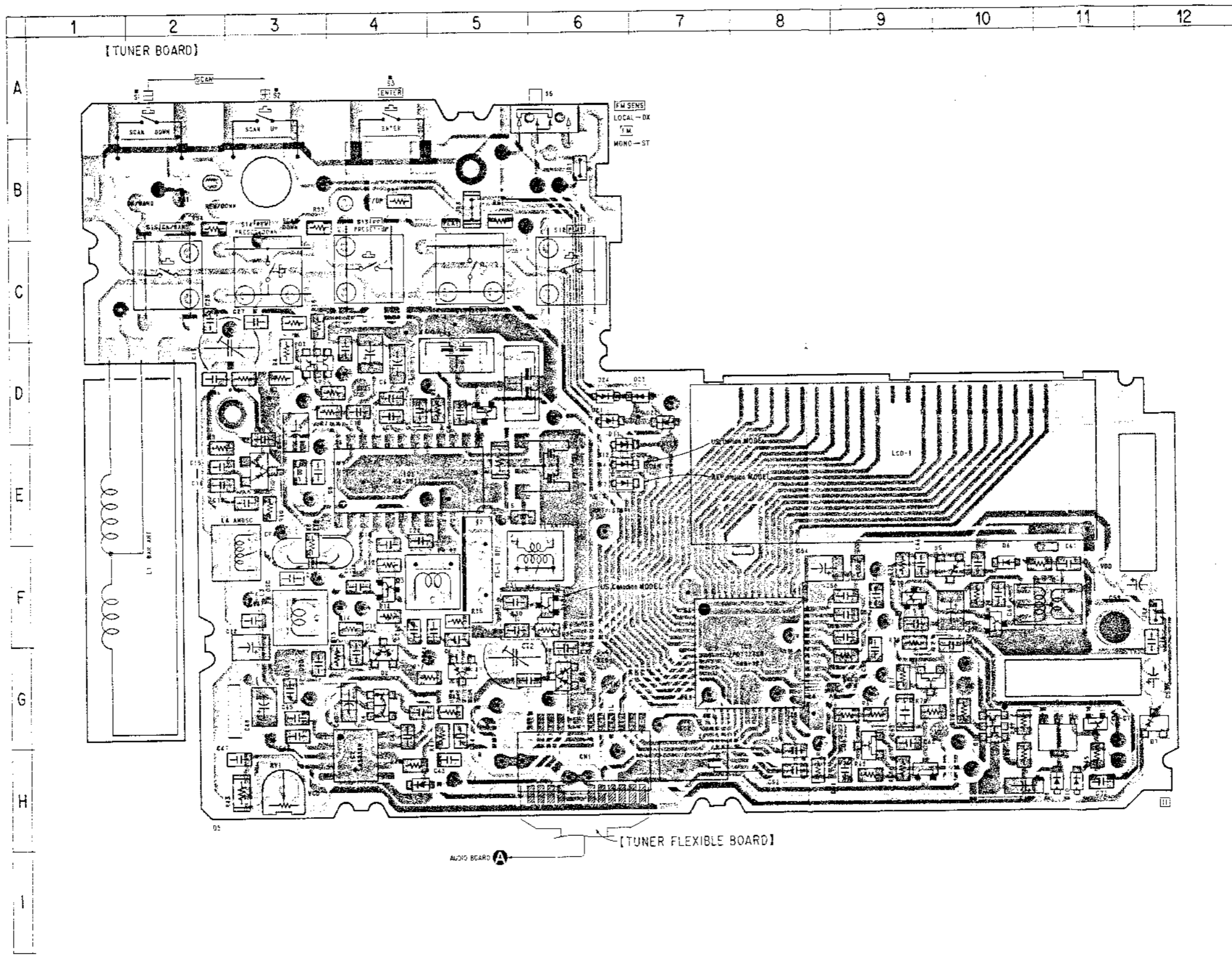


- Note:**
- All capacitors are in μF unless otherwise noted. pF ; μF 50 WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
 - — : B + Line.
 - : adjustment for repair.
 - Power voltage is dc 3 V and fed with regulated dc power supply from external power voltage jack.
 - Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : PLAY
 - Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
 - Signal path.
◁ : PB (DECK A)

5-2. TUNER SECTION PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAM
 • See page 8 for IC Block Diagrams and page 10 for Semiconductor Lead Layouts.

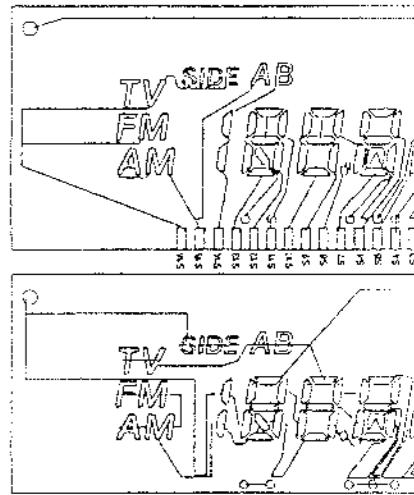
• Semiconductor Location

Ref. No.	Location
D1	G-5
D2	G-4
D3	F-3
D4	F-4
D5	F-10
D6	F-10
D7	G-12
D8	H-11
D9	G-8
D10	H-11
D11	F-6
D12	F-6
D13	F-6
D21	D-6
D22	D-7
D23	D-7
D24	D-6
IC1	F-4
IC2	F-4
IC3	G-8
IC4	G-11
Q1	D-5
Q2	D-3
Q3	F-4
Q4	G-4
Q6	H-9
Q7	H-9
Q8	G-9
Q9	F-10
Q10	F-9
Q11	G-10
Q12	G-11
Q13	F-6



- Note:
- All capacitors are in μF unless 50 WV or less are not indicated and tantalums.
 - All resistors are in Ω and $\frac{1}{2}$ specified.
 - --- : B + Line.
 - --- : adjustment for repair.
 - Power voltage is dc 3 V and fed from external power voltage jack.
 - Voltages and waveforms are dc no-signal (detuned) conditions. no mark : FM () : AM
 - Voltages are taken with a VOM (1). Voltage variations may be noted tolerances.
 - Waveforms are taken with a oscilloscope. Voltage variations may be noted tolerances.
 - Signal path. \rightarrow : FM \rightarrow : FM RF





• LCD1 INTERNAL CONNECTION



- Note:
- \blacksquare : parts mounted on the conductor side.
 - \bullet : Through hole.
 - --- : Pattern on the side which is seen.
 - --- : Pattern of the rear side.

11 12

Note:

- All capacitors are in μF unless otherwise noted. pF : $\mu\mu\text{F}$
50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
-  : B + Line.
-  : adjustment for repair.
- Power voltage is dc 3 V and fed with regulated dc power supply from external power voltage jack.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : FM
() : AM
- Voltages are taken with a VOM (10 M Ω /V).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Signal path.
 : FM  : FM BF

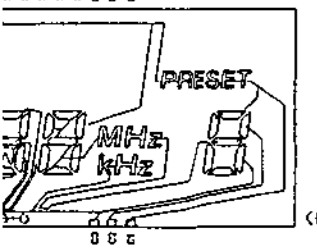
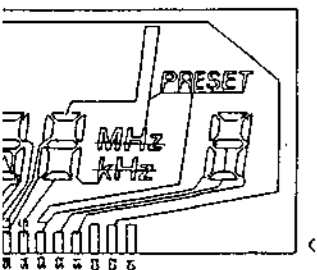
• LCD1 INTERNAL CONNECTION

A
B
C
D
E
F
G
H
I
J

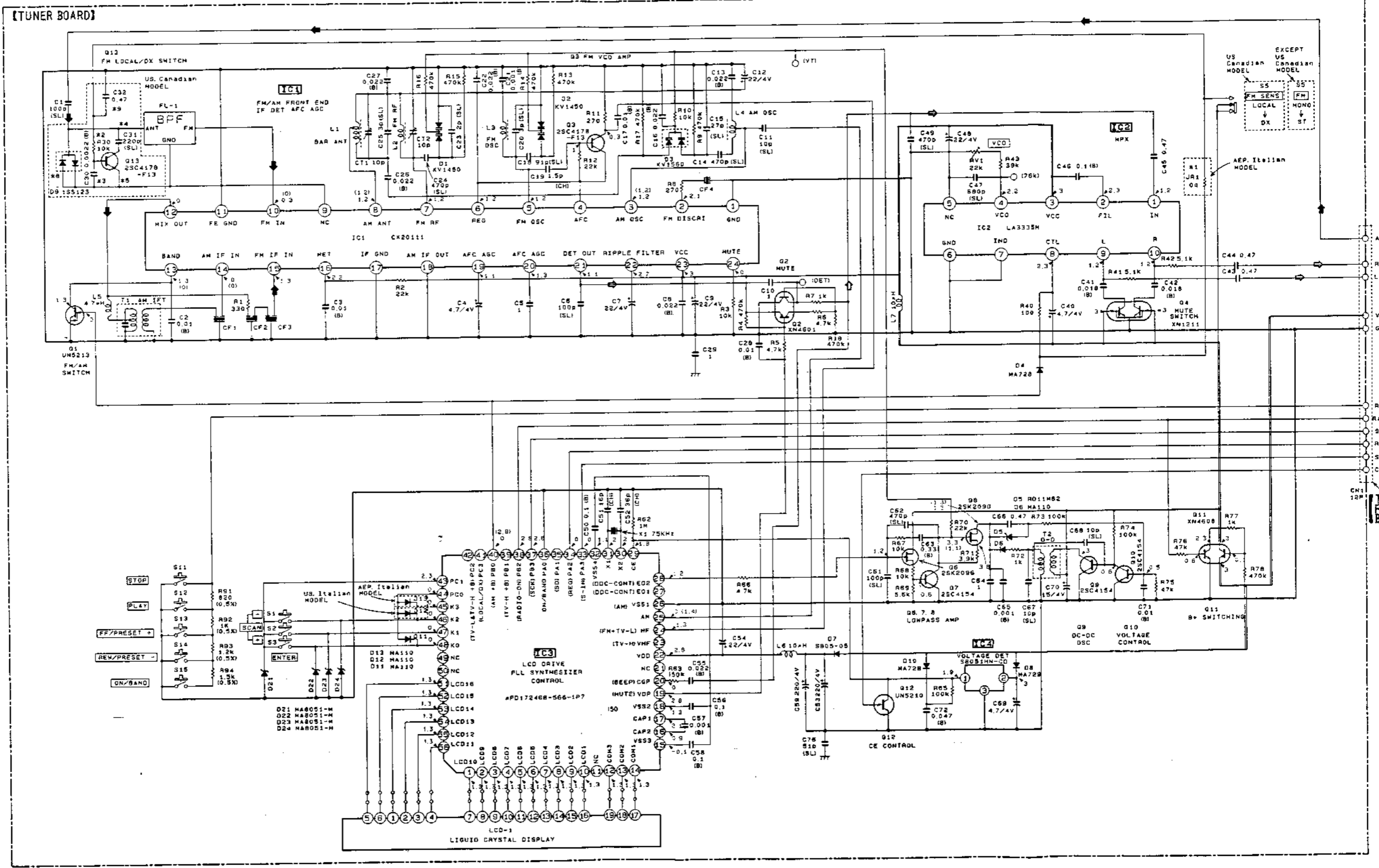
-18-

unless otherwise noted. pF: μF
indicated except for electrolytics
and ¼ W or less unless otherwise
repair.
d fed with regulated dc power supply
jack.
are dc with respect to ground under
ons.
/OM (10 MΩ/V).
e noted due to normal production
a oscilloscope.
e noted due to normal production

RF
ON

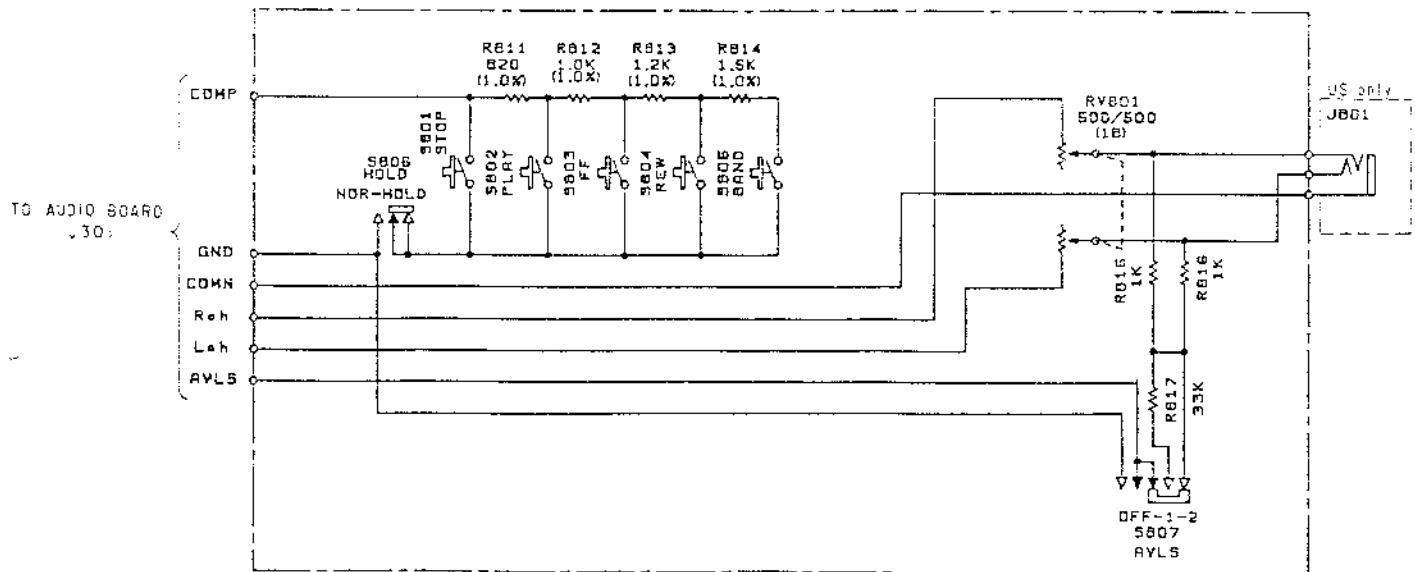
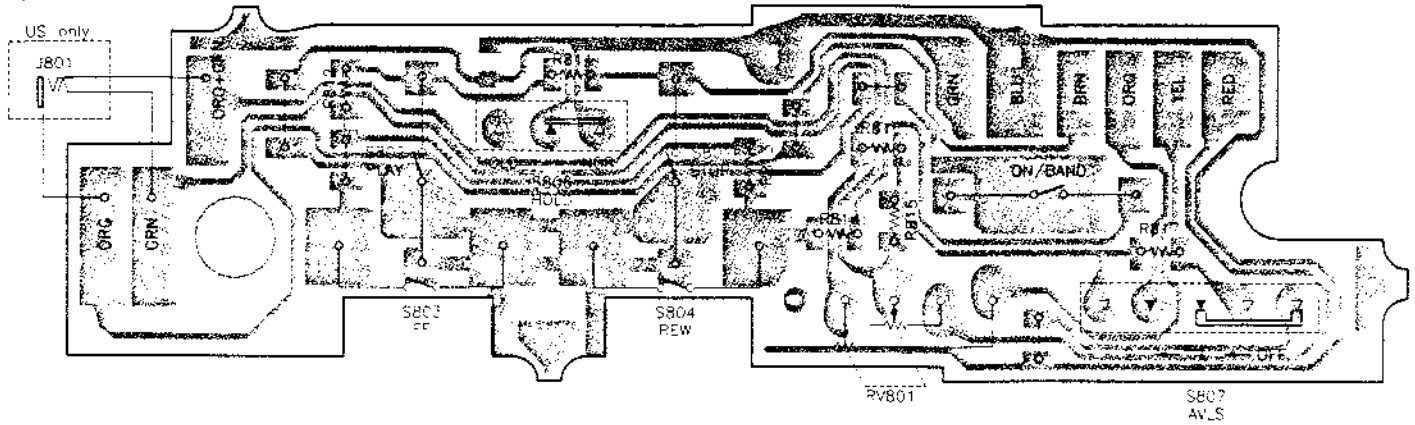


A
B
C
D
E
F
G
H
I
J



TUNER FLEXIBLE BOARD

5-3. REMOTE CONTROL PRINTED WIRING BOARD AND SCHEMATIC DIAGRAM



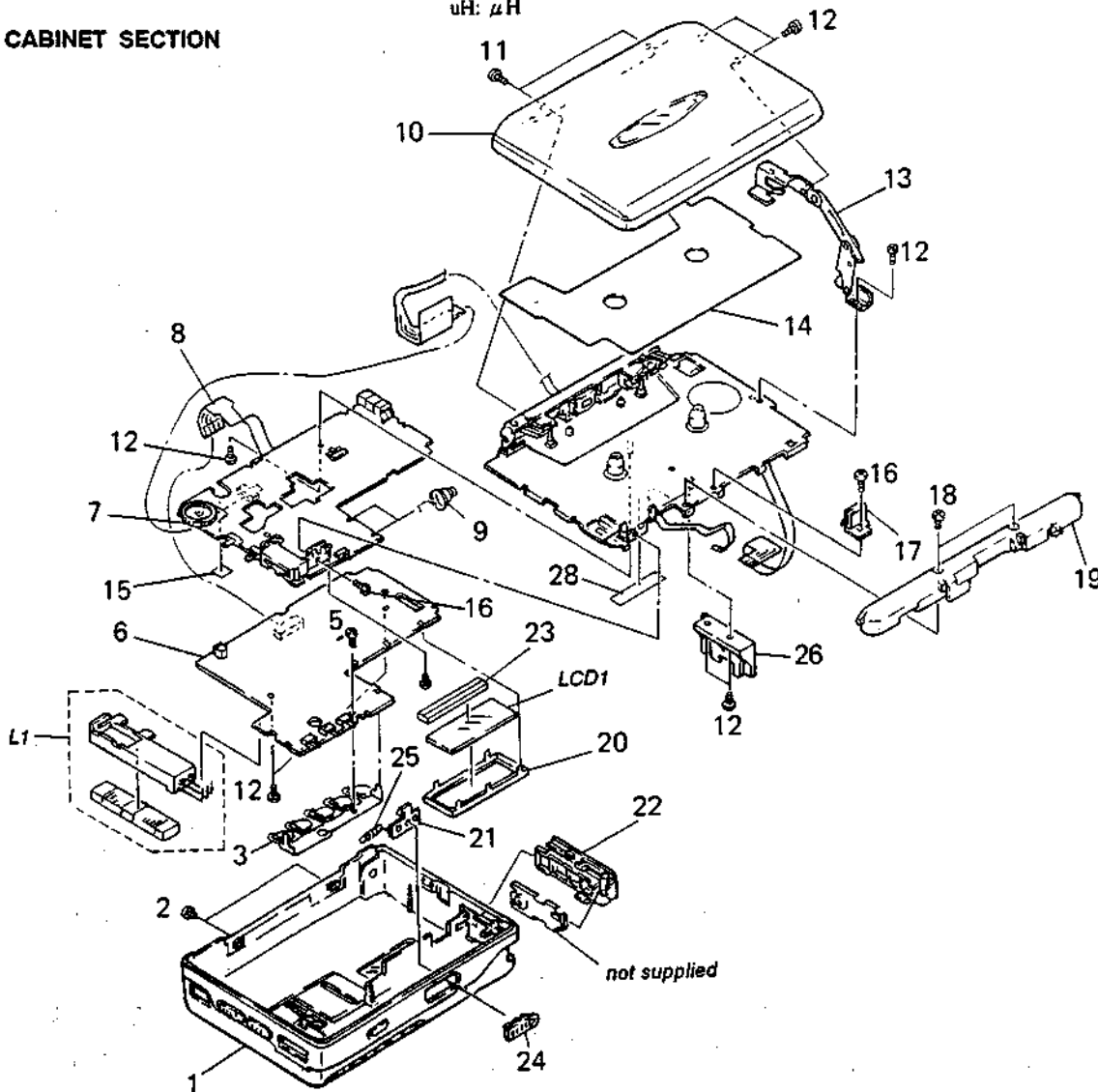
SECTION 6
EXPLODED VIEWS

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.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A... uPA...: μ PA...
uPB...: μ PB... uPC...: μ PC...
uPD...: μ PD...
- CAPACITORS
uF: μ F
- COILS
uH: μ H

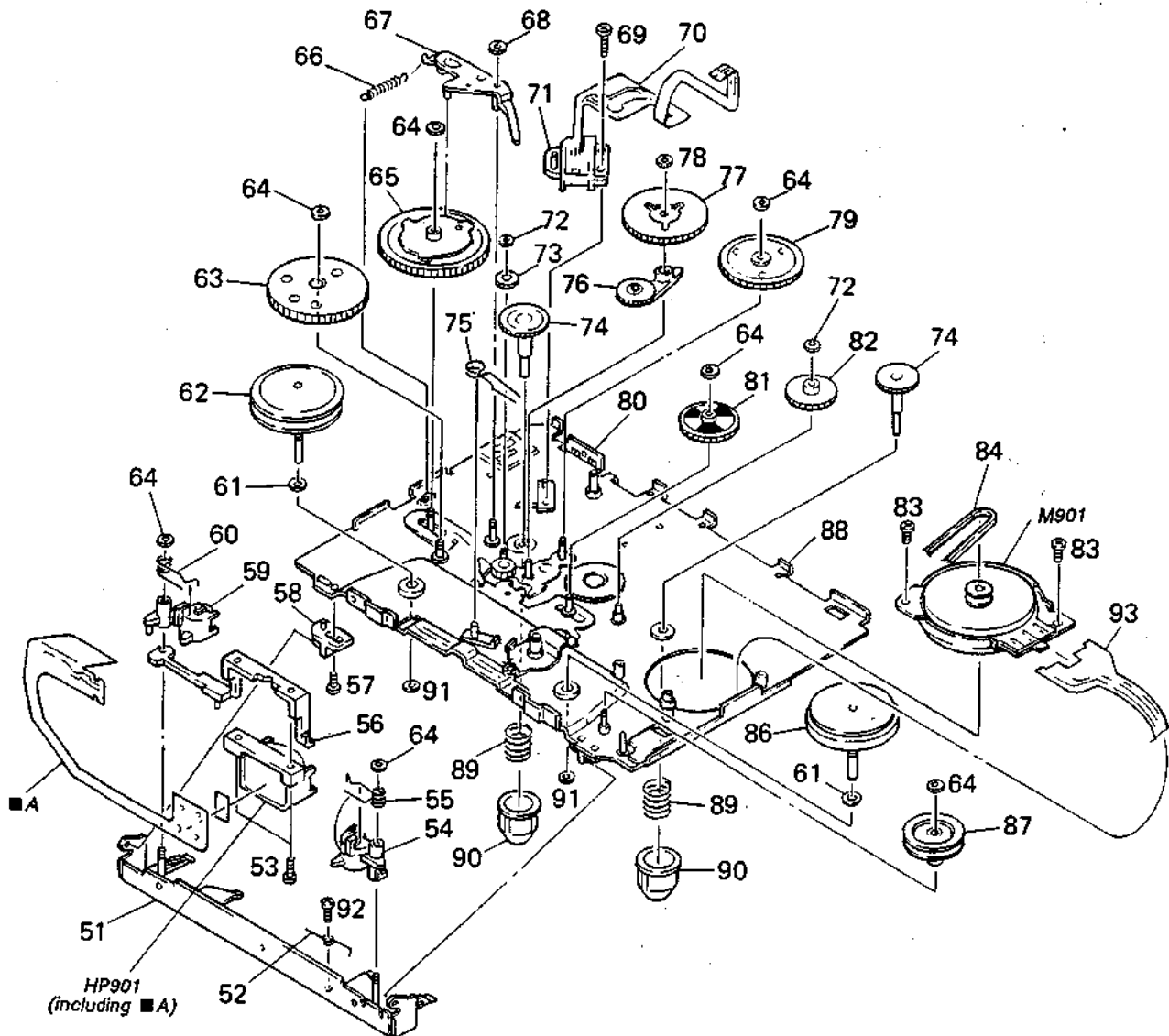
(1) CABINET SECTION



Ref. No.	Part No.	Description	Remark
1	X-3364-804-1	CABINET (REAR) ASSY (CF-B)	
1	X-3364-788-1	CABINET (REAR) ASSY (CF-G) (US)	
1	X-3364-789-1	CABINET (REAR) ASSY (CF-B) (BLACK) (US, G. AEP, UK, E, IT)	
1	X-3364-770-1	CABINET (REAR) ASSY (CF-G) (GRAY) (G. AEP, UK, E, IT)	
2	3-704-187-13	SCREW (M1.4X2), LOCKING (BLACK)	
2	3-704-187-11	SCREW (M1.4X2), LOCKING (GRAY)	
3	3-378-285-01	BUTTON, CONTROL	
5	3-318-382-01	SCREW (1.7X3), TAPPING	
6	A-3018-188-A	TUNER BOARD, COMPLETE (US, Canadian)	
6	A-3018-185-A	TUNER BOARD, COMPLETE (G. AEP, UK, E)	
6	A-3018-187-A	TUNER BOARD, COMPLETE (IT)	
7	A-3018-188-A	AUDIO BOARD, COMPLETE (US)	
7	A-3018-221-A	AUDIO BOARD, COMPLETE (EXCEPT US)	
8	1-842-788-11	TUNER FLEXIBLE BOARD	
8	3-378-273-01	SPRING, CONTACT	
10	X-3364-807-1	LID ASSY (CF-B), CASSETTE (BLACK)	
10	X-3364-787-1	LID ASSY (CF-G), CASSETTE (GRAY)	
11	3-388-830-21	SCREW (M1.4) (GRAY)	
11	3-385-830-31	SCREW (M1.4) (BLACK)	

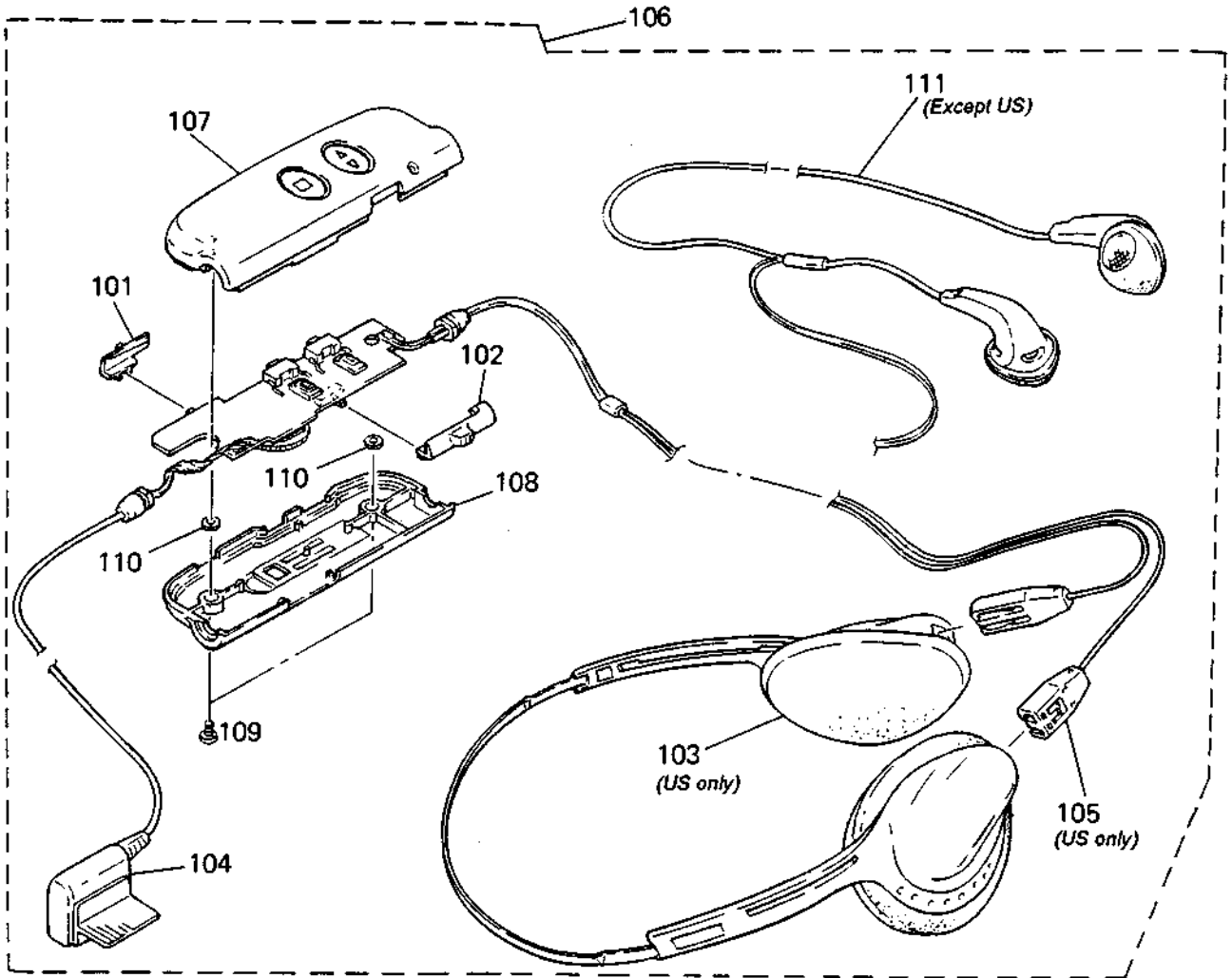
Ref. No.	Part No.	Description	Remark
12	3-704-187-11	SCREW (M1.4X2.0), LOCKING (GRAY)	
12	3-704-187-13	SCREW (M1.4X2.0), LOCKING (BLACK)	
13	X-3364-806-1	ARM ASSY, CLICK	
14	3-378-288-01	COVER, MD	
15	3-327-118-01	SPACER, ANT (US, Canadian, IT)	
16	3-704-187-01	SCREW (M1.4X1.8), LOCKING	
17	3-378-285-01	SPRING, CASSETTE RETAINER	
18	3-388-890-51	SCREW (M1.4X8.0)	
19	3-378-257-01	PANEL, BLIND	
20	3-378-288-01	REINFORCEMENT (LCD)	
21	3-378-247-01	SLIDER, OPEN	
22	3-378-272-01	LID (CF), BATTERY CASE (BLACK) (G. AEP, UK, E, IT)	
22	3-378-272-11	LID (CF), BATTERY CASE (SILVER)	
23	1-835-988-11	CONDUCTIVE BOARD CONNECTION	
24	3-378-248-01	KNOB (OPEN)	
25	3-378-248-01	SPRING, TENSION	
26	3-378-287-01	BRACKET	
26	3-377-435-01	LABEL	
L1	1-402-608-11	ANTENNA, FERRITE-ROD	
LCD1	1-808-843-11	DISPLAY PANEL, LIQUID CRYSTAL	

(2) MECHANICAL SECTION (MT-WMFX-55-60)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-3362-561-1	HOLDER ASSY		73	3-365-783-01	GEAR (E)	
52	3-365-769-01	SPRING (H)		74	3-365-750-01	GEAR (REEL)	
53	3-704-252-21	SCREW (M1.4X3.8)		75	3-365-785-01	SPRING (NR SELECTION)	
54	X-3362-560-1	PUNCH LEVER (R) ASSY		76	X-3362-555-1	FR ASSY	
55	3-379-057-01	SPRING (P-R)		77	3-365-754-01	GEAR (M)	
56	3-365-797-01	LEVER, HEAD		78	3-349-859-51	WASHER	
57	3-704-197-91	SCREW (M1.4X1.8), LOCKING		79	X-3362-554-1	CLUTCH ASSY	
58	3-365-789-01	GUIDE (M), HOLDER		80	1-642-782-11	ATS BOARD	
59	X-3041-825-1	PUNCH LEVER (N) ASSY		81	X-3362-553-1	GEAR (B) ASSY	
60	3-379-056-01	SPRING (P-N)		82	3-365-751-01	GEAR (A)	
61	3-354-407-11	WASHER		83	3-331-047-03	SCREW (M1.4X1.8), SPECIAL HEAD	
62	X-3362-552-1	WHEEL (N) ASSY, CAPSTAN		84	3-365-765-01	BELT	
63	3-365-755-01	GEAR (K)		86	X-3362-551-1	WHEEL (R) ASSY, CAPSTAN	
64	3-349-859-11	WASHER		87	3-365-760-01	PULLEY (REVERSE)	
65	3-365-800-01	GEAR, CAM		88	X-3364-705-1	CHASSIS ASSY	
66	3-365-766-01	SPRING (TRIGGER), TENSION		89	3-366-058-01	SPRING, COMPRESSION	
67	3-365-802-01	LEVER (A), TRIGGER		90	3-365-801-01	TABLE, REEL	
68	3-349-859-01	WASHER		91	3-331-007-21	WASHER	
69	3-366-521-51	SCREW (M1.4X3.5)		92	7-827-553-17	PRECISION SCREW +P 2X2 TYPE 3	
70	1-642-919-11	PC BOARD, SOLENOID FLEXIBLE		93	1-642-783-11	PC BOARD, MOTOR FLEXIBLE	
71	1-454-583-11	SOLENOID, PLUNGER		HP901	1-543-922-11	HEAD, MAGNETIC (PLAYBACK)	
72	3-361-258-01	BUSHING (A)		M901	1-541-971-11	MOTOR	

(3) REMOTE CONTROL



Ref.No.	Part No.	Description	Remark
101	3-378-325-01	KNOB (A), REMOTE CONTROL	
102	3-378-324-01	KNOB (B), REMOTE CONTROL	
103	8-953-341-91	HEADPHONE MDR-14/1 SET (US)	
104	1-690-927-11	CORD (WITH PLUG)	
105	1-690-764-11	CORD (WITH CONNECTOR)	
106	A-3041-704-A	REMOTE CONTROL COMPLETE ASSY (US)	
106	A-3041-747-A	REMOTE CONTROL COMPLETE ASSY (EXCEPT US)	

Ref.No.	Part No.	Description	Remark
• 107	3-378-326-01	CASE (UPPER) ASSY (US)	
• 107	3-378-326-11	CASE (UPPER) ASSY (EXCEPT US)	
• 108	X-3364-909-1	CASE (LOWER) ASSY	
109	3-318-204-31	SCREW (M1.7X6), TAPPING	
110	3-310-992-31	WASHER	
111	8-953-486-90	HEADPHONE MDR-E551PT//K SET (EXCEPT US)	

SECTION 7 ELECTRICAL PARTS LIST

ATS

AUDIO

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.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA ..: μ A. uPA..: μ PA.
uPB..: μ PB. uPC..: μ PC. uPD..: μ PD.
- CAPACITORS
uF: μ F
- COILS
uH: μ H

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	1-642-782-11	ATS BOARD *****		C211	1-164-005-11	CERAMIC CHIP	0.47uF 25V
		< SWITCH >		C212	1-162-963-11	CERAMIC CHIP	680PF 10% 50V
S901	1-692-073-11	SWITCH LEAF		C213	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V
*****				C214	1-164-234-21	CERAMIC CHIP	1uF 16V
	A-3016-168-A	AUDIO BOARD, COMPLETE (US)		C301	1-164-234-21	CERAMIC CHIP	1uF 16V
	A-3016-221-A	AUDIO BOARD, COMPLETE (EXCEPT US)		C303	1-164-156-11	CERAMIC CHIP	0.1uF 25V
*****				C304	1-126-154-11	ELECT	47uF 20% 6.3V
	1-642-786-11	TUNER FLEXIBLE BOARD		C305	1-162-970-11	CERAMIC CHIP	0.01uF 10% 25V
	3-376-273-01	SPRING, CONTACT		C306	1-135-221-11	TANTAL. CHIP	3.3uF 20% 4V
		< CAPACITOR >		C307	1-126-153-11	ELECT	22uF 20% 6.3V
C101	1-162-963-11	CERAMIC CHIP	680PF 10% 50V	C308	1-135-221-11	TANTAL. CHIP	3.3uF 20% 4V
C102	1-162-963-11	CERAMIC CHIP	680PF 10% 50V	C309	1-163-833-00	CERAMIC CHIP	0.068uF 25V
C103	1-126-153-11	ELECT	22uF 20% 6.3V	C310	1-135-221-11	TANTAL. CHIP	3.3uF 20% 4V
C104	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	C311	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C105	1-164-234-21	CERAMIC CHIP	1uF 16V	C312	1-124-257-00	ELECT	2.2uF 20% 50V
C106	1-162-969-11	CERAMIC CHIP	0.0068uF 10% 25V	C313	1-135-201-11	TANTALUM CHIP	10uF 20% 4V
C107	1-163-809-11	CERAMIC CHIP	0.047uF 10% 25V	C314	1-126-157-11	ELECT	15uF 20% 16V
C108	1-164-677-11	CERAMIC CHIP	0.033uF 10% 16V	C315	1-126-153-11	ELECT	22uF 20% 6.3V
C109	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	C317	1-135-221-11	TANTAL. CHIP	3.3uF 20% 4V
C110	1-135-176-21	TANTALUM CHIP	0.68uF 10% 20V	C318	1-164-227-11	CERAMIC CHIP	0.022uF 10% 25V
C111	1-164-005-11	CERAMIC CHIP	0.47uF 25V	C319	1-164-234-21	CERAMIC CHIP	1uF 16V
C112	1-162-963-11	CERAMIC CHIP	680PF 10% 50V	C320	1-124-434-00	ELECT	220uF 20% 4V
C113	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	C321	1-135-201-11	TANTALUM CHIP	10uF 20% 4V
C114	1-164-234-21	CERAMIC CHIP	1uF 16V	C322	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C201	1-162-963-11	CERAMIC CHIP	680PF 10% 50V	C323	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C202	1-162-963-11	CERAMIC CHIP	680PF 10% 50V	C324	1-164-156-11	CERAMIC CHIP	0.1uF 25V
C203	1-126-153-11	ELECT	22uF 20% 6.3V	C601	1-124-464-11	ELECT	0.22uF 20% 50V
C204	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	C602	1-135-145-11	TANTALUM CHIP	0.47uF 10% 35V
C205	1-164-234-21	CERAMIC CHIP	1uF 16V	C603	1-163-809-11	CERAMIC CHIP	0.047uF 10% 25V
C206	1-162-969-11	CERAMIC CHIP	0.0068uF 10% 25V	C604	1-126-160-11	ELECT	1uF 20% 50V
C207	1-163-809-11	CERAMIC CHIP	0.047uF 10% 25V	C605	1-164-492-11	CERAMIC CHIP	0.15uF 10% 16V
C208	1-164-677-11	CERAMIC CHIP	0.033uF 10% 16V	C606	1-163-833-00	CERAMIC CHIP	0.068uF 25V
C209	1-162-968-11	CERAMIC CHIP	0.0047uF 10% 50V	C608	1-163-833-00	CERAMIC CHIP	0.068uF 25V
C210	1-135-176-21	TANTALUM CHIP	0.68uF 10% 20V	C609	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C610	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C611	1-164-156-11	CERAMIC CHIP	0.1uF 25V
				C702	1-135-221-11	TANTAL. CHIP	3.3uF 20% 4V
				C703	1-126-252-11	ELECT	22uF 20% 4V
				C704	1-164-238-11	CERAMIC CHIP	36PF 0.5PF 50V

AUDIO

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C705	1-164-005-11	CERAMIC CHIP	0.47uF 25V	JR13	1-216-864-11	METAL CHIP	0 5% 1/16W
C706	1-164-005-11	CERAMIC CHIP	0.47uF 25V	JR101	1-216-296-00	METAL CHIP	0 5% 1/8W
C707	1-164-234-21	CERAMIC CHIP	1uF 16V	JR102	1-216-296-00	METAL CHIP	0 5% 1/8W
C708	1-164-156-11	CERAMIC CHIP	0.1uF 25V	JR103	1-216-296-00	METAL CHIP	0 5% 1/8W
< CONNECTOR >				< COIL >			
CN301	1-569-252-21	HOUSING, CONNECTOR (FPC) 5P		L101	1-410-997-31	INDUCTOR CHIP	2.2uH
< DIODE >				L201	1-410-997-31	INDUCTOR CHIP	2.2uH
D101	8-719-422-37	DIODE MA8051		L301	1-410-997-31	INDUCTOR CHIP	2.2uH
D201	8-719-422-37	DIODE MA8051		L302	1-410-997-31	INDUCTOR CHIP	2.2uH
D301	8-719-975-06	LED CL-70G-CD		L303	1-410-997-31	INDUCTOR CHIP	2.2uH
D302	8-719-420-51	DIODE MA729		L304	1-410-997-31	INDUCTOR CHIP	2.2uH
D303	8-719-800-76	DIODE 1SS226		L701	1-412-006-21	INDUCTOR CHIP	10uH
D304	8-719-422-37	DIODE MA8051		< PHOTO INTERRUPTER >			
D305	8-719-422-37	DIODE MA8051		PH701	8-759-710-38	DIODE, PHOTO	NJL5161K-F1-B
D306	8-719-422-37	DIODE MA8051		< TRANSISTOR >			
D701	8-719-812-41	LED TLR124		Q101	8-729-420-53	TRANSISTOR	UN5115
D702	8-719-941-86	DIODE DAN202U		Q102	8-729-402-55	TRANSISTOR	2SB1218A-R
D703	8-719-941-86	DIODE DAN202U		Q201	8-729-420-53	TRANSISTOR	UN5115
D704	8-719-420-51	DIODE MA729		Q202	8-729-402-55	TRANSISTOR	2SB1218A-R
D705	8-719-941-09	DIODE DAP202U		Q301	8-729-602-21	TRANSISTOR	2SC4154
D706	8-719-941-09	DIODE DAP202U		Q302	8-729-403-17	TRANSISTOR	XN1215
D707	8-719-105-47	DIODE RD3.3M-B1		Q303	8-729-402-32	TRANSISTOR	2SD1819A-R
< IC >				Q304	8-729-807-87	TRANSISTOR	2SB1295-UL6
IC301	8-759-823-31	IC LA4581MS		Q305	8-729-402-32	TRANSISTOR	2SD1819A-R
IC302	8-759-701-07	IC NJM2063AM		Q306	8-729-403-17	TRANSISTOR	XN1215
IC303	8-759-512-77	IC RC2106M		Q307	8-729-403-45	TRANSISTOR	XN1115
IC601	8-759-996-13	IC TLP326ADB		Q308	8-729-402-93	TRANSISTOR	UN5214
IC701	8-759-046-94	IC MSM6576-03GS-K		Q309	8-729-402-55	TRANSISTOR	2SB1218A-R
< JACK >				Q310	8-729-402-32	TRANSISTOR	2SD1819A-R
J301	1-573-794-21	JACK (PHONES)		Q311	8-729-403-17	TRANSISTOR	XN1215
J501	1-580-372-21	JACK (DC IN)		Q312	8-729-420-53	TRANSISTOR	UN5115
< JUMPER RESISTOR >				Q313	8-729-420-50	TRANSISTOR	UN5215
JR1	1-216-864-11	METAL CHIP	0 5% 1/16W	Q314	8-729-602-21	TRANSISTOR	2SC4154
JR2	1-216-864-11	METAL CHIP	0 5% 1/16W	Q315	8-729-420-50	TRANSISTOR	UN5215
JR3	1-216-864-11	METAL CHIP	0 5% 1/16W	Q603	8-729-141-48	TRANSISTOR	2SB624-BV345
JR4	1-216-864-11	METAL CHIP	0 5% 1/16W	Q604	8-729-141-48	TRANSISTOR	2SB624-BV345
JR5	1-216-864-11	METAL CHIP	0 5% 1/16W	Q605	8-729-402-93	TRANSISTOR	UN5214
JR6	1-216-864-11	METAL CHIP	0 5% 1/16W	Q606	8-729-140-75	TRANSISTOR	2SD999-CLCK
JR7	1-216-864-11	METAL CHIP	0 5% 1/16W	Q701	8-729-421-26	TRANSISTOR	UN5216
JR8	1-216-864-11	METAL CHIP	0 5% 1/16W	Q702	8-729-420-50	TRANSISTOR	UN5215
JR9	1-216-864-11	METAL CHIP	0 5% 1/16W	Q703	8-729-402-93	TRANSISTOR	UN5214
JR10	1-216-864-11	METAL CHIP	0 5% 1/16W	Q704	8-729-921-58	TRANSISTOR	DTA144TU
JR11	1-216-864-11	METAL CHIP	0 5% 1/16W	Q705	8-729-602-36	TRANSISTOR	2SA1602
JR12	1-216-864-11	METAL CHIP	0 5% 1/16W	Q706	8-729-602-21	TRANSISTOR	2SC4154
				Q709	8-729-602-36	TRANSISTOR	2SA1602

AUDIO

Ref. No.	Part No.	Description	Remark		
< RESISTOR >					
R101	1-216-841-11	METAL CHIP	47K	5%	1/16W
R102	1-216-841-11	METAL CHIP	47K	5%	1/16W
R103	1-218-484-11	METAL GLAZE	750	5%	1/16W
R104	1-216-836-11	METAL CHIP	18K	5%	1/16W
R105	1-216-835-11	METAL CHIP	15K	5%	1/16W
R106	1-216-855-11	METAL CHIP	680K	5%	1/16W
R107	1-218-448-11	METAL GLAZE	430K	5%	1/16W
R108	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R109	1-216-841-11	METAL CHIP	47K	5%	1/16W
R110	1-216-835-11	METAL CHIP	15K	5%	1/16W
R111	1-216-833-11	METAL CHIP	10K	5%	1/16W
R112	1-218-292-11	METAL GLAZE	20K	5%	1/16W
R113	1-216-831-11	METAL CHIP	6.8K	5%	1/16W(US)
R113	1-216-832-11	METAL CHIP	8.2K	5%	1/16W (EXCEPT US)
R115	1-216-815-11	METAL CHIP	330	5%	1/16W
R116	1-216-809-11	METAL CHIP	100	5%	1/16W
R201	1-216-841-11	METAL CHIP	47K	5%	1/16W
R202	1-216-841-11	METAL CHIP	47K	5%	1/16W
R203	1-218-484-11	METAL GLAZE	750	5%	1/16W
R204	1-216-836-11	METAL CHIP	18K	5%	1/16W
R205	1-216-835-11	METAL CHIP	15K	5%	1/16W
R206	1-216-855-11	METAL CHIP	680K	5%	1/16W
R207	1-218-448-11	METAL GLAZE	430K	5%	1/16W
R208	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R209	1-216-841-11	METAL CHIP	47K	5%	1/16W
R210	1-216-835-11	METAL CHIP	15K	5%	1/16W
R211	1-216-833-11	METAL CHIP	10K	5%	1/16W
R212	1-218-292-11	METAL GLAZE	20K	5%	1/16W
R213	1-216-831-11	METAL CHIP	6.8K	5%	1/16W(US)
R213	1-216-832-11	METAL CHIP	8.2K	5%	1/16W (EXCEPT US)
R215	1-216-815-11	METAL CHIP	330	5%	1/16W
R216	1-216-809-11	METAL CHIP	100	5%	1/16W
R301	1-216-841-11	METAL CHIP	47K	5%	1/16W
R302	1-216-845-11	METAL CHIP	100K	5%	1/16W
R303	1-218-448-11	METAL GLAZE	430K	5%	1/16W
R304	1-216-839-11	METAL CHIP	33K	5%	1/16W
R305	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R306	1-216-240-00	METAL GLAZE	56K	5%	1/8W
R307	1-216-845-11	METAL CHIP	100K	5%	1/16W
R308	1-216-821-11	METAL CHIP	1K	5%	1/16W
R309	1-216-821-11	METAL CHIP	1K	5%	1/16W
R310	1-216-845-11	METAL CHIP	100K	5%	1/16W
R311	1-216-845-11	METAL CHIP	100K	5%	1/16W
R312	1-216-833-11	METAL CHIP	10K	5%	1/16W

Ref. No.	Part No.	Description	Remark		
R313	1-216-845-11	METAL CHIP	100K	5%	1/16W
R314	1-216-833-11	METAL CHIP	10K	5%	1/16W
R315	1-216-849-11	METAL CHIP	220K	5%	1/16W
R316	1-216-817-11	METAL CHIP	470	5%	1/16W
R317	1-216-813-11	METAL CHIP	220	5%	1/16W
R318	1-216-833-11	METAL CHIP	10K	5%	1/16W
R319	1-216-821-11	METAL CHIP	1K	5%	1/16W
R601	1-216-821-11	METAL CHIP	1K	5%	1/16W
R602	1-216-821-11	METAL CHIP	1K	5%	1/16W
R605	1-216-843-11	METAL CHIP	68K	5%	1/16W
R606	1-216-836-11	METAL CHIP	18K	5%	1/16W
R607	1-216-797-11	METAL GLAZE	10	5%	1/16W
R608	1-216-833-11	METAL CHIP	10K	5%	1/16W
R609	1-216-831-11	METAL CHIP	6.8K	5%	1/16W
R610	1-216-809-11	METAL CHIP	100	5%	1/16W
R611	1-216-809-11	METAL CHIP	100	5%	1/16W
R701	1-216-674-11	METAL CHIP	9.1K	0.5%	1/10W
R702	1-216-640-11	METAL CHIP	360	0.5%	1/10W
R703	1-216-821-11	METAL CHIP	1K	5%	1/16W
R704	1-216-815-11	METAL CHIP	330	5%	1/16W
R705	1-216-847-11	METAL CHIP	150K	5%	1/16W
R706	1-216-828-11	METAL CHIP	3.9K	5%	1/16W
R710	1-216-841-11	METAL CHIP	47K	5%	1/16W
R711	1-216-845-11	METAL CHIP	100K	5%	1/16W
R713	1-216-845-11	METAL CHIP	100K	5%	1/16W
R714	1-216-845-11	METAL CHIP	100K	5%	1/16W
R717	1-216-851-11	METAL CHIP	330K	5%	1/16W
R718	1-216-845-11	METAL CHIP	100K	5%	1/16W
R719	1-216-845-11	METAL CHIP	100K	5%	1/16W
R720	1-216-839-11	METAL CHIP	33K	5%	1/16W
R721	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R722	1-216-821-11	METAL CHIP	1K	5%	1/16W
R723	1-216-845-11	METAL CHIP	100K	5%	1/16W
R724	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R725	1-216-809-11	METAL CHIP	100	5%	1/16W

< VARIABLE RESISTOR >

RV301	1-241-853-11	RES. VAR. CARBON (10K/10K)
RV601	1-241-916-11	RES. VAR. CARBON (4.7K)

< SWITCH >

S301	1-571-275-31	SWITCH, SLIDE (DOLBY NR)
S303	1-571-506-41	SWITCH, SLIDE (MEGA BASS)
S701	1-692-072-11	SWITCH, PUSH (A/B)
S702	1-571-275-31	SWITCH, SLIDE (MODE)
S703	1-572-581-11	SWITCH, SLIDE (NR SW)

< VIBRATOR >

X701	1-579-615-11	VIBRATOR, CRYSTAL (32.768KHz)
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AUDIO TUNER

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		A-3041-704-A REMOTE CONTROL COMPLETE ASSY (EXCEPT US)					
		A-3041-747-A REMOTE CONTROL COMPLETE ASSY (US)					

J801	1-690-764-11	CORD (WITH CONNECTOR) (US)					
	1-690-927-11	CORD (WITH PLUG)					
< JUMPER RESISTOR >							
JR1	1-216-295-00	METAL CHIP	0 5% 1/10W				
JR2	1-216-295-00	METAL CHIP	0 5% 1/10W				
JR3	1-216-296-00	METAL CHIP	0 5% 1/8W				
JR4	1-216-295-00	METAL CHIP	0 5% 1/10W				
< RESISTOR >							
R811	1-216-649-11	METAL CHIP	820 0.5% 1/10W				
R812	1-216-651-11	METAL CHIP	1K 0.5% 1/10W				
R813	1-216-653-11	METAL CHIP	1.2K 0.5% 1/10W				
R814	1-216-655-11	METAL CHIP	1.5K 0.5% 1/10W				
R815	1-216-049-00	METAL CHIP	1K 5% 1/10W				
R816	1-216-049-00	METAL CHIP	1K 5% 1/10W				
R817	1-216-085-00	METAL CHIP	33K 5% 1/10W				
< SWITCH >							
S801	1-572-473-11	SWITCH, TACTIL (STOP)					
S802	1-572-473-11	SWITCH, TACTIL (PLAY)					
S803	1-570-204-21	SWITCH, KEY BOARD (FF)					
S804	1-570-204-21	SWITCH, KEY BOARD (REW)					
S805	1-572-473-11	SWITCH, TACTIL (BAND)					
S806	1-570-675-11	SWITCH, SLIDE (HOLD)					
S807	1-570-386-21	SWITCH, SLIDE (AVLS)					

		A-3016-169-A TUNER BOARD, COMPLETE (US, Canadian)					
		A-3016-185-A TUNER BOARD, COMPLETE (G, AEP, UK, E)					
		A-3016-187-A TUNER BOARD, COMPLETE (IT)					

		1-535-999-11 CONDUCTIVE BOARD, CONNECTION					
		3-376-285-01 BUTTON, CONTROL					
		3-376-286-01 REINFORCEMENT (LCD)					
< CAPACITOR >							
C1	1-163-117-00	CERAMIC CHIP	100PF 5% 50V				
C2	1-164-232-11	CERAMIC CHIP	0.01uF 50V				
C3	1-164-232-11	CERAMIC CHIP	0.01uF 50V				
C4	1-135-151-21	TANTALUM CHIP	4.7uF 20% 4V				
C5	1-164-346-11	CERAMIC CHIP	1uF 16V				
C6	1-163-117-00	CERAMIC CHIP	100PF 5% 50V				
C7	1-135-202-21	TANTAL. CHIP	22uF 20% 4V				
C8	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V				
C9	1-135-202-21	TANTAL. CHIP	22uF 20% 4V				
C10	1-164-346-11	CERAMIC CHIP	1uF 16V				
C11	1-163-093-00	CERAMIC CHIP	10PF 5% 50V				
C12	1-135-202-21	TANTAL. CHIP	22uF 20% 4V				
C13	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V				
C14	1-163-133-00	CERAMIC CHIP	470PF 5% 50V				
C15	1-163-103-00	CERAMIC CHIP	27PF 5% 50V				
C16	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V				
C17	1-164-232-11	CERAMIC CHIP	0.01uF 50V				
C18	1-163-116-00	CERAMIC CHIP	91PF 5% 50V				
C19	1-163-085-00	CERAMIC CHIP	2PF 50V				
C20	1-163-086-00	CERAMIC CHIP	3PF 50V				
C21	1-163-009-11	CERAMIC CHIP	0.001uF 10% 50V				
C22	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V				
C23	1-163-085-00	CERAMIC CHIP	2PF 50V				
C24	1-163-133-00	CERAMIC CHIP	470PF 5% 50V				
C25	1-163-086-00	CERAMIC CHIP	3PF 50V				
C26	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V				
C27	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V				
C28	1-164-232-11	CERAMIC CHIP	0.01uF 50V				
C29	1-164-346-11	CERAMIC CHIP	1uF 16V				
C30	1-164-161-11	CERAMIC CHIP	0.0022uF 10% 100V (US, Canadian)				
C31	1-163-125-00	CERAMIC CHIP	220PF 5% 50V (US, Canadian)				
C32	1-164-005-11	CERAMIC CHIP	0.47uF 25V (US, Canadian)				
C40	1-135-151-21	TANTALUM CHIP	4.7uF 20% 4V				
C41	1-163-024-00	CERAMIC CHIP	0.018uF 10% 50V				
C42	1-163-024-00	CERAMIC CHIP	0.018uF 10% 50V				
C43	1-164-005-11	CERAMIC CHIP	0.47uF 25V				
C44	1-164-005-11	CERAMIC CHIP	0.47uF 25V				
C45	1-164-005-11	CERAMIC CHIP	0.47uF 25V				
C46	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V				
C47	1-163-137-00	CERAMIC CHIP	680PF 5% 50V				
C48	1-135-202-21	TANTAL. CHIP	22uF 20% 4V				
C49	1-163-133-00	CERAMIC CHIP	470PF 5% 50V				
C50	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V				
C51	1-163-098-00	CERAMIC CHIP	16PF 5% 50V				
C52	1-163-106-00	CERAMIC CHIP	36PF 5% 50V				
C53	1-124-576-11	ELECT	220uF 20% 4V				
C54	1-135-202-21	TANTAL. CHIP	22uF 20% 4V				
C55	1-163-037-11	CERAMIC CHIP	0.022uF 10% 25V				
C56	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V				
C57	1-163-009-11	CERAMIC CHIP	0.001uF 10% 50V				
C58	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V				

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Ref. No.	Part No.	Description	Remark
C59	1-124-576-11	ELECT	220uF 20% 4V
C61	1-163-117-00	CERAMIC CHIP	100PF 5% 50V
C62	1-163-133-00	CERAMIC CHIP	470PF 5% 50V
C63	1-162-568-11	CERAMIC CHIP	0.33uF 10% 16V
C64	1-164-346-11	CERAMIC CHIP	1uF 16V
C65	1-163-009-11	CERAMIC CHIP	0.001uF 10% 50V
C66	1-164-005-11	CERAMIC CHIP	0.47uF 25V
C67	1-163-093-00	CERAMIC CHIP	10PF 5% 50V
C68	1-163-093-00	CERAMIC CHIP	10PF 5% 50V
C69	1-135-151-21	TANTALUM CHIP	4.7uF 20% 4V
C70	1-135-158-21	TANTALUM CHIP	15uF 20% 4V
C71	1-164-232-11	CERAMIC CHIP	0.01uF 50V
C72	1-163-809-11	CERAMIC CHIP	0.047uF 10% 25V
C76	1-163-110-00	CERAMIC CHIP	51PF 5% 50V
< FILTER >			
CF1	1-577-261-21	FILTER, CERAMIC	
CF2	1-579-214-21	FILTER, CERAMIC	
CF3	1-579-214-21	FILTER, CERAMIC	
CF4	1-579-578-11	FILTER, CERAMIC	
< CONNECTOR >			
* CN1	1-573-536-11	HOUSING, CONNECTOR (FPC) 12P	
< TRIMMER >			
CT1	1-141-298-11	CAP, TRIMMER	
CT2	1-141-298-11	CAP, TRIMMER	
< DIODE >			
D1	8-719-981-25	DIODE KV1450	
D2	8-719-981-25	DIODE KV1450	
D3	8-719-951-05	DIODE KV1560	
D4	8-719-421-27	DIODE MA728	
D5	8-719-106-62	DIODE RD11M-B2	
D6	8-719-404-46	DIODE MA110	
D7	8-719-938-75	DIODE SB05-05CP	
D8	8-719-420-51	DIODE MA729	
D9	8-719-800-76	DIODE 1SS226 (US, Canadian)	
D10	8-719-421-27	DIODE MA728	
D11	8-719-404-46	DIODE MA110 (US, Canadian, IT)	
D12	8-719-404-46	DIODE MA110	
D13	8-719-404-46	DIODE MA110 (G, AEP, UK, E, IT)	
D21	8-719-422-37	DIODE MA8051	
D22	8-719-422-37	DIODE MA8051	
D23	8-719-422-37	DIODE MA8051	
D24	8-719-422-37	DIODE MA8051	

Ref. No.	Part No.	Description	Remark
< FILTER >			
FL1	1-236-921-21	FILTER, BAND PASS	
< IC >			
IC1	8-752-050-00	IC CX20111	
IC2	8-759-804-98	IC LA3335M	
IC3	8-759-060-70	IC uPD1724GB-566-1P7	
IC4	8-759-947-95	IC S-8051HN-CD-S	
< JUMPER RESISTOR >			
JR1	1-216-295-00	METAL CHIP 0 5% 1/10W	(G, AEP, UK, E, IT)
JR2	1-216-295-00	METAL CHIP 0 5% 1/10W	
JR3	1-216-296-00	METAL CHIP 0 5% 1/8W	
< COIL >			
L1	1-402-606-11	ANTENNA, FERRITE-ROD	
L2	1-460-308-11	COIL (WITH CORE) (RF)	
L3	1-460-309-11	COIL (WITH CORE) (OSC)	
L4	1-406-463-11	COIL (OSC)	
L5	1-412-002-31	INDUCTOR CHIP 4.7uH	
L6	1-412-006-31	INDUCTOR CHIP 10uH	
L7	1-412-006-31	INDUCTOR CHIP 10uH	
< LIQUID CRYSTAL DISPLAY >			
LCD1	1-809-643-11	DISPLAY PANEL, LIQUID CRYSTAL	
< TRANSISTOR >			
Q1	8-729-402-42	TRANSISTOR UN5213	
Q2	8-729-402-84	TRANSISTOR XN4601	
Q3	8-729-117-72	TRANSISTOR 2SC4178	
Q4	8-729-429-92	TRANSISTOR XN1211	
Q6	8-729-220-93	TRANSISTOR 2SK209-G	
Q7	8-729-602-21	TRANSISTOR 2SC4154	
Q8	8-729-220-93	TRANSISTOR 2SK209-G	
Q9	8-729-602-21	TRANSISTOR 2SC4154	
Q10	8-729-602-21	TRANSISTOR 2SC4154	
Q11	8-729-402-16	TRANSISTOR XN4608	
Q12	8-729-420-44	TRANSISTOR UN5210	
Q13	8-729-117-72	TRANSISTOR 2SC4178 (US, Canadian)	
< RESISTOR >			
R1	1-216-186-00	METAL GLAZE 330 5% 1/8W	
R2	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R3	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R4	1-216-113-00	METAL CHIP 470K 5% 1/10W	
R5	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	

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Ref. No.	Part No.	Description	Remark		
R6	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R7	1-216-049-00	METAL CHIP	1K	5%	1/10W
					(US, Canadian)
R8	1-216-035-00	METAL CHIP	270	5%	1/10W
R9	1-216-113-00	METAL CHIP	470K	5%	1/10W
R10	1-216-073-00	METAL CHIP	10K	5%	1/10W
R11	1-216-035-00	METAL CHIP	270	5%	1/10W
R12	1-216-081-00	METAL CHIP	22K	5%	1/10W
R13	1-216-113-00	METAL CHIP	470K	5%	1/10W
R14	1-216-113-00	METAL CHIP	470K	5%	1/10W
R15	1-216-113-00	METAL CHIP	470K	5%	1/10W
R16	1-216-113-00	METAL CHIP	470K	5%	1/10W
R17	1-216-113-00	METAL CHIP	470K	5%	1/10W
R18	1-216-113-00	METAL CHIP	470K	5%	1/10W
R30	1-216-073-00	METAL CHIP	10K	5%	1/10W
					(US, Canadian)
R40	1-216-025-00	METAL CHIP	100	5%	1/10W
R41	1-216-066-00	METAL CHIP	5.1K	5%	1/10W
R42	1-216-066-00	METAL CHIP	5.1K	5%	1/10W
R43	1-216-236-00	METAL GLAZE	39K	5%	1/8W
R62	1-216-121-00	METAL CHIP	1M	5%	1/10W
R63	1-216-101-00	METAL CHIP	150K	5%	1/10W
R65	1-216-097-00	METAL CHIP	100K	5%	1/10W
R66	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R67	1-216-073-00	METAL CHIP	10K	5%	1/10W
R68	1-216-073-00	METAL CHIP	10K	5%	1/10W
R69	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R70	1-216-081-00	METAL CHIP	22K	5%	1/10W
R71	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R72	1-216-049-00	METAL CHIP	1K	5%	1/10W
R73	1-216-097-00	METAL CHIP	100K	5%	1/10W
R74	1-216-097-00	METAL CHIP	100K	5%	1/10W
R75	1-216-089-00	METAL CHIP	47K	5%	1/10W
R76	1-216-089-00	METAL CHIP	47K	5%	1/10W
R77	1-216-049-00	METAL CHIP	1K	5%	1/10W
R78	1-216-113-00	METAL CHIP	470K	5%	1/10W
R91	1-216-649-11	METAL CHIP	820	0.5%	1/10W
R92	1-216-651-11	METAL CHIP	1K	0.5%	1/10W
R93	1-216-653-11	METAL CHIP	1.2K	0.5%	1/10W
R94	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
		< VARIABLE RESISTOR >			
RV1	1-238-187-21	RES. ADJ. CARBON 22K			
		< SWITCH >			
S1	1-570-204-21	SWITCH, KEY BOARD (DOWN)			
S2	1-570-204-21	SWITCH, KEY BOARD (UP)			
S3	1-570-204-21	SWITCH, KEY BOARD (ENTER)			
S5	1-571-275-31	SWITCH, SLIDE LOCAL/DX (MONO/ST)			

Ref. No.	Part No.	Description	Remark
S11	1-571-533-31	SWITCH, KEY BOARD (STOP)	
S12	1-571-533-31	SWITCH, KEY BOARD (PLAY)	
S13	1-571-533-31	SWITCH, KEY BOARD (FF)	
S14	1-571-533-31	SWITCH, KEY BOARD (REW)	
S15	1-571-533-31	SWITCH, KEY BOARD (ON/BAND)	
		< TRANSFORMER >	
T1	1-416-008-11	TRANSFORMER, IF	
T2	1-449-021-21	TRANSFORMER, DC-DC CONVERTER	
		< VIBRATOR >	
X1	1-579-615-21	VIBRATOR, CRYSTAL	

		MISCELLANEOUS	

70	1-642-919-11	PC BOARD, SOLENOID FLEXIBLE (US)	
71	1-454-583-11	SOLENOID, PLUNGER (US)	
93	1-642-783-11	PC BOARD, MOTOR FLEXIBLE	
103	8-953-341-91	HEADPHONE MDR-14/1 SET (US)	
HP901	1-543-922-11	HEAD, MAGNETIC (PLAYBACK) (US)	
M901	1-541-971-11	MOTOR	

		ACCESSORIES & PACKING MATERIALS	

		1-691-322-11 ADAPTOR, PLUG	
*		3-376-758-01 INDIVIDUAL CARTON (US)	
*		3-376-759-01 INDIVIDUAL CARTON (EXCEPT US)	
		3-380-124-01 CASE, CARRYING	
		3-754-832-11 MANUAL, INSTRUCTION (ENGLISH, FRENCH) (AEG, AE7, UK, IT)	
		3-754-832-21 MANUAL, INSTRUCTION (ENGLISH) (US)	
		3-754-832-31 MANUAL, INSTRUCTION (ENGLISH, FRENCH) (Canadian, E)	
		3-754-832-41 MANUAL, INSTRUCTION (GERMAN, SPANISH) (E)	
		3-754-832-51 MANUAL, INSTRUCTION (GERMAN, SPANISH) (AEG, AE7, IT)	
		3-754-832-61 MANUAL, INSTRUCTION (DUTCH, SWEDISH) (AEG, AE7, IT)	
		3-754-832-71 MANUAL, INSTRUCTION (ITALIAN, PORTUGUESE) (AEG, AE7, IT)	
		8-953-486-90 HEADPHONE MDR-E551PT/K SET (EXCEPT US)	
		8-953-341-91 HEADPHONE MDR-14/1 SET (US)	
		X-3329-657-1 ATTACHMENT ASSY (AEG, UK, E, IT)	