

ICF-C360/C360L

SERVICE MANUAL

AEP Model
ICF-C360/C360L

UK Model
ICF-C360L

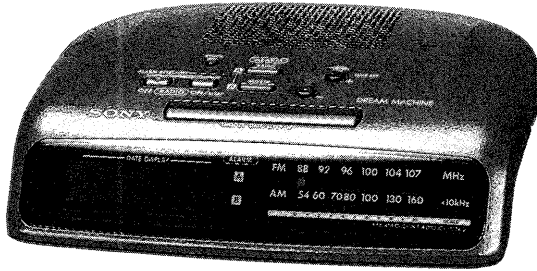


PHOTO : ICF-C360

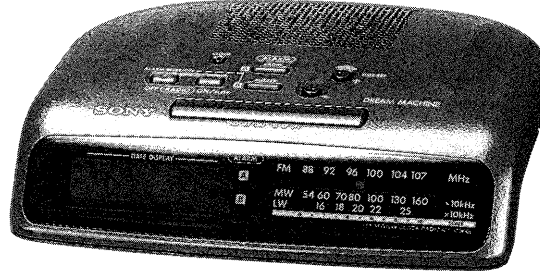


PHOTO : ICF-C360L

DREAM MACHINE

SPECIFICATIONS

Time display:

UK Model : 12-hour system

EXCEPT UK Model : 24-hour system

Frequency range:

	Band	ICF-C360	ICF-C360L
Italian Model	FM	87.5 – 108 MHz	—
	AM	526.5 – 1,606.5 kHz	—
EXCEPT Italian Model	FM	87.6 – 107.5 MHz	87.6 – 107.5 MHz
	AM (MW) [※]	531 – 1,602 kHz	531 – 1,602 kHz
	LW	—	153 – 255 kHz

(MW)[※] : ICF-C360L only

Intermediate frequency:

FM: 10.7 MHz, AM: 455 kHz

Speaker: Approx. 6.6 cm (2 5/8 inches) dia.

Power output: 90 mW (at 10% harmonic distortion)

Power requirements:

UK Model : 240V AC, 50Hz

EXCEPT UK Model : 220-230V AC, 50Hz

For power backup: 9 V DC, one 6F22 battery



Battery life: Approx. 35 hours using the Sony S-006P(U) battery

Dimensions: Approx. 210.5 × 60 × 172 mm (w/h/d) (8 3/8 × 2 3/8 × 6 7/8 inches) incl. projecting parts and controls

Mass: Approx. 650 g (1lb 7 oz) not incl. battery

Design and specifications are subject to change without notice.

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.

ICF-C360 : FM/AM CLOCK RADIO
ICF-C360L : FM/MW/LW CLOCK RADIO

SONY[®]

Features

- Dual alarm
- Date display
- Forward/reverse time setting
- Full power backup to keep the clock and the alarm (radio and buzzer) operating during a power interruption with a 6F22 battery (not supplied) installed (For models other than the North American model, the power backup is only for the clock.)

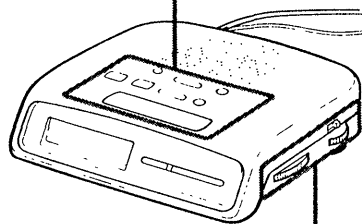
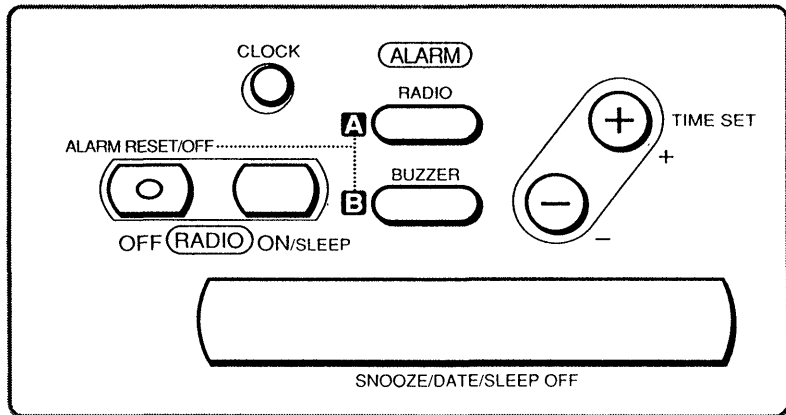
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SECTION 1 GENERAL

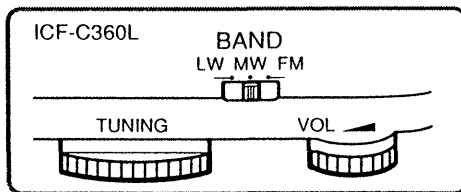
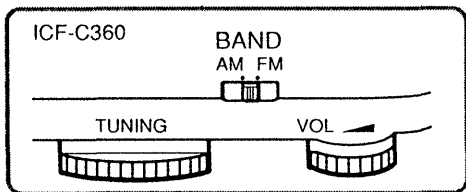
This section is extracted from instruction manual.

1-1. LOCATION OF CONTROLS



FM wire antenna (not supplied with North American model)

Antenne fil FM (non fournie avec le modele pour l'Amérique du Nord)



Installing the Battery

To keep good time, your Dream Machine needs one 6F22 battery (not supplied), in addition to house current. The battery keeps the clock operating in the event of a power interruption. Before setting the time on your Dream Machine, open the lid at the bottom of the unit, install the battery with correct polarity and then close the lid.

- After a power interruption, the displayed time may not be always correct (It may gain or lose about 10 minutes per hour).

Knowing When To Replace the Battery

To check battery power, unplug the power cord from the wall outlet and plug it in again after a few minutes. If the displayed time is incorrect, replace the battery with a new one.

Setting the Clock and the Date

Setting the Clock

1. Plug in the unit.
The display will flash "AM 12:00" or "0:00".
2. While holding down **CLOCK**, press either + or – under **TIME SET** till the correct time appears in the display. When you release **CLOCK**, the clock begins to operate.

- The clock system varies depending on the model you own.
12-hour system: "AM 12:00"= midnight
24-hour system: "0:00"= midnight
- To set the current time rapidly, keep pressing the + or – button while holding down **CLOCK**.

Setting the Date

1. While holding down **SNOOZE/DATE/SLEEP OFF**, press either + or – under **TIME SET** till the correct date appears in the display. Then, release **SNOOZE/DATE/SLEEP OFF**.
- To display the date, press **SNOOZE/DATE/SLEEP OFF**. The display returns to the current time when you release **SNOOZE/DATE/SLEEP OFF**.

Operating the Radio

1. Press **RADIO ON/SLEEP** to turn on the radio and adjust **VOL** (volume).
 2. Select **FM**, **AM (MW)**, or **LW**, and tune in a station using the **TUNING** dial.
- To turn off the radio, press **RADIO OFF/ALARM RESET/OFF**.
 - To improve radio reception
FM: Extend the FM wire antenna fully to improve reception. (For North American model, the FM antenna is encased in the AC power cord.)
AM(MW)/LW: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built into the unit.

Setting the Alarm

To set the radio alarm, first tune in a station and adjust the volume.

1. While holding down **ALARM A RADIO** (for the radio) or **B BUZZER** (for the buzzer), press either + or – under **TIME SET** till the desired time appears in the display. When you release **ALARM A** or **B**, the **ALARM A** or **B** indicator stops flashing and lights up, and the current time appears in the display.
The alarm will come on at the preset time and automatically turn itself off after 59 minutes.

- If you set **ALARM A** and **ALARM B** at the same desired time, only **ALARM A** will work.
- To shut off the alarm, press **RADIO OFF/ALARM RESET/OFF**.
The alarm will come on at the preset time the next day.
- To cancel either alarm, while holding down **ALARM A** or **ALARM B**, press **RADIO OFF/ALARM RESET/OFF**.
- To doze for a few more minutes, press **SNOOZE/DATE/SLEEP OFF**.
The alarm will shut off, but will come on again after about 6 minutes. You can repeat this process as many times as you like.
- To adjust the radio alarm volume, turn **VOL**.
- To check the preset time, press **ALARM A** or **B**.

Setting the Sleep Timer

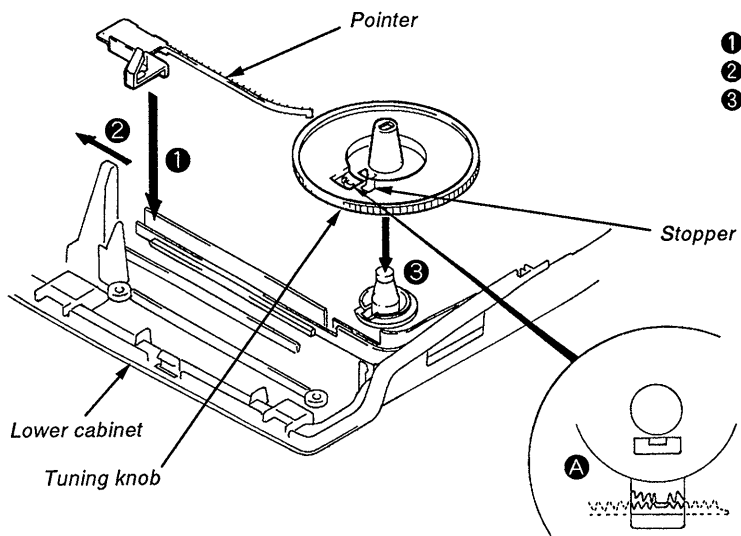
Enjoy falling asleep to the radio using the built-in sleep timer that shuts off the radio automatically at a preset time.

1. Press **RADIO ON/SLEEP**.
The radio turns on. It will go off after the preset time has passed. You can set the sleep timer of 90, 60, 45, 30 or 15 minutes.
Every push changes the display as follows.
Current time → On → 90 → 60
 ↓ 15 ← 30 ← 45 ←
The radio will play for the time you set, then shut off.

- To turn off the radio before the preset time, press **SNOOZE/DATE/SLEEP OFF**.

SECTION 2 DIAL POINTER SETTING

DIAL POINTER SETTING



- ① Fit the gear part of pointer to cabinet groove.
- ② Move pointer in the direction of arrow fully.
- ③ Install the gear part of stopper and the gear part of pointer as show in the drawing **A**.
Make sure to fit the stopper to the cabinet hole.

SECTION 3 ELECTRICAL ADJUSTMENTS

ICF-C360

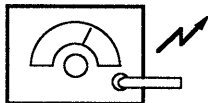
() : Italian Model

AM Section

Setting :

BAND switch : AM
Volume (RV1) : MIN

AM RF signal generator



Put the lead-wire antenna close to the set.

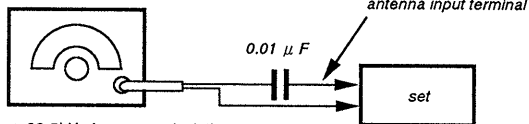
30% amplitude modulation by 400Hz signal.
Output level : as low as possible

FM Section

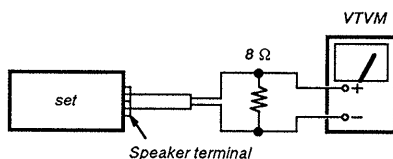
Setting :

BAND switch : FM
Volume (RV1) : MIN

FM RF signal generator



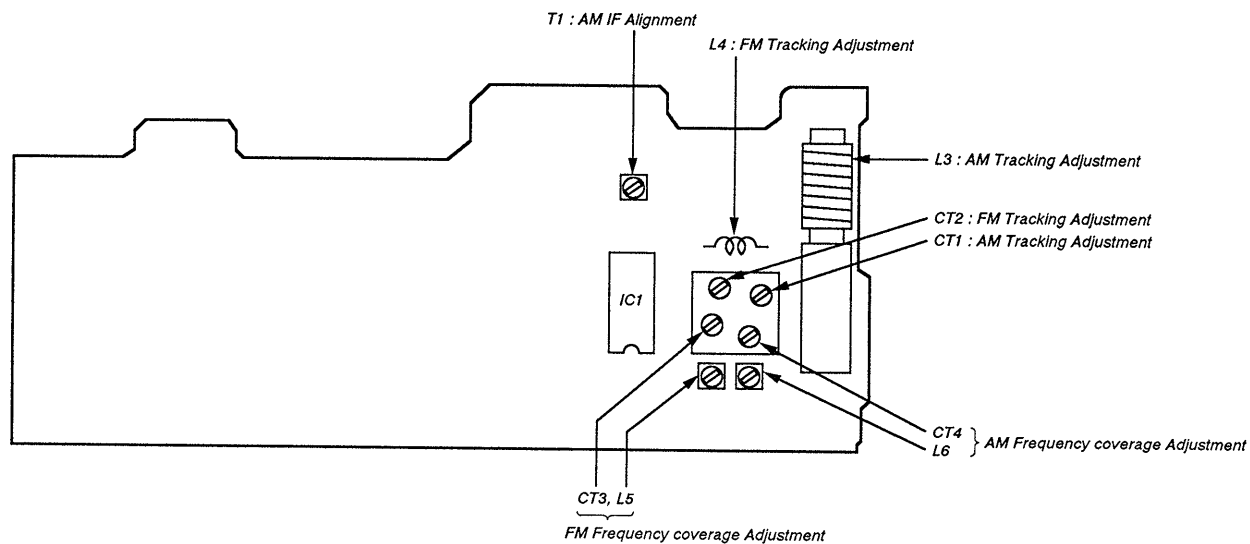
± 22.5kHz frequency deviation by 400Hz signal.
Output level : as low as possible



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

Adjustment Location :

[MAIN BOARD] – Component side –



AM IF ALIGNMENT	
Adjust for a maximum reading on VTVM.	
T1	455kHz

AM FREQUENCY COVERAGE ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L6	520kHz (516.5kHz)
CT4	1,650kHz (1631.5kHz)

AM TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L3	680kHz
CT1	1,320kHz

FM FREQUENCY COVERAGE ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L5	87.35MHz
CT3	108.05MHz (108.25MHz)

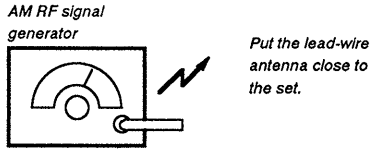
FM TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L4	87.35MHz
CT2	108.05MHz (108.25MHz)

ICF-C360L

AM Section

Setting :

BAND switch : AM (MW/LW)
Volume (RV1) : MIN



30% amplitude modulation by 400Hz signal.
Output level : as low as possible

AM (MW/LW) IF ALIGNMENT	
Adjust for a maximum reading on VTVM.	
T1	455kHz

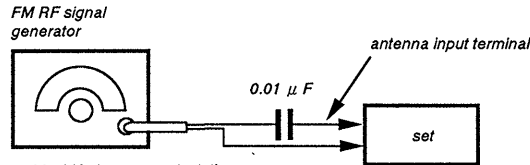
MW FREQUENCY COVERAGE ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L6	520kHz
CT4	1,650kHz

MW TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L3-1	680kHz
CT1	1,320kHz

FM Section

Setting :

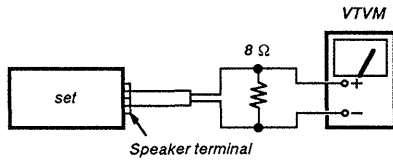
BAND switch : FM
Volume (RV1) : MIN



± 22.5kHz frequency deviation by 400Hz signal.
Output level : as low as possible

LW FREQUENCY COVERAGE ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
confirm	145kHz
CT6	261kHz

LW TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L3-2	160kHz
CT5	240kHz



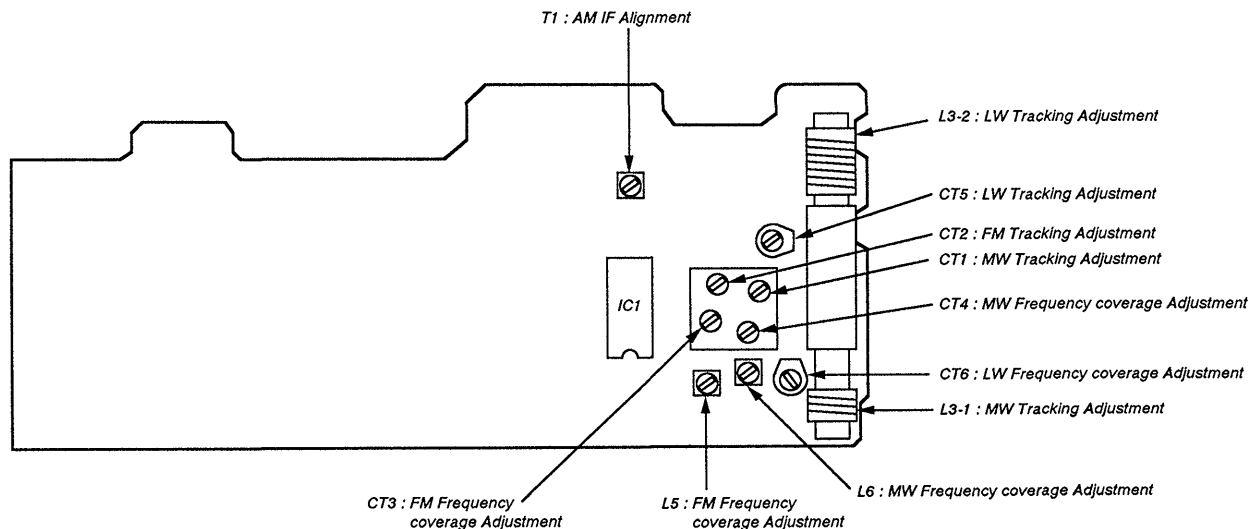
FM FREQUENCY COVERAGE ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L5	87.35MHz
CT3	108.05MHz

FM TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
confirm	87.35MHz
CT2	108.05MHz

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

Adjustment Location :

[MAIN BOARD] – Component side –



SECTION 4
DIAGRAMS

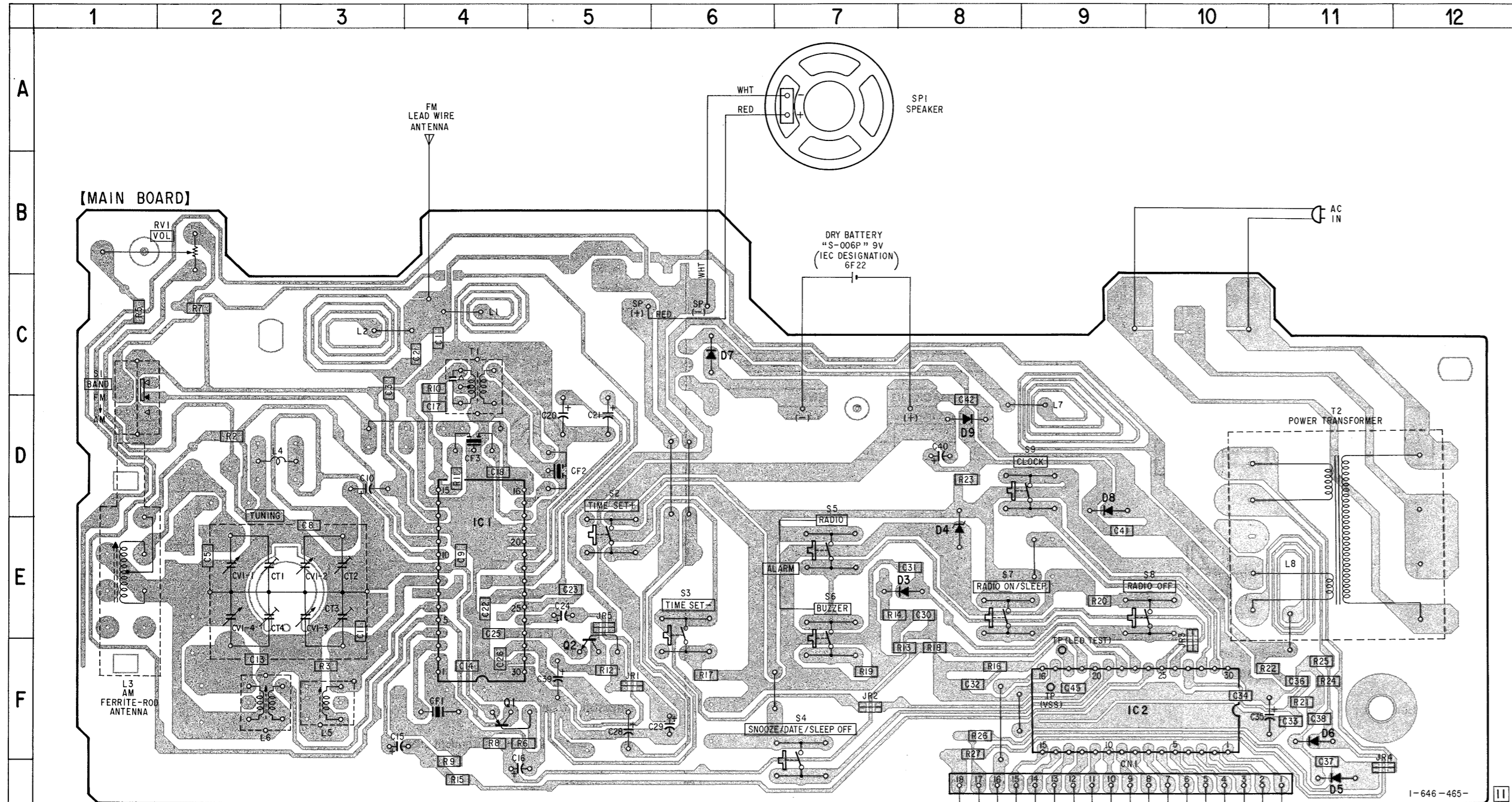
ICF-C360

ICF-C360

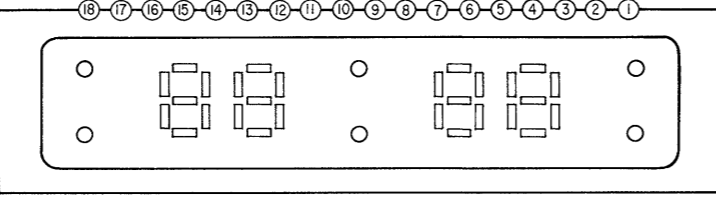
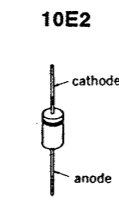
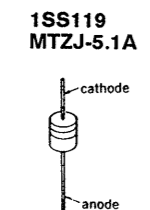
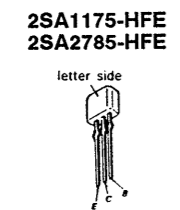
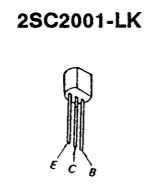
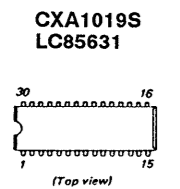
4-1. PRINTED WIRING BOARD (ICF-C360)

• SEMICONDUCTOR LOCATION

Ref. No.	Location
D3	E-8
D4	E-8
D5	G-11
D6	F-11
D7	C-6
D8	D-9
D9	D-8
D10	H-9
IC1	E-4
IC2	F-9
Q1	F-4
Q2	F-5



• Semiconductor Lead Layouts



Note:

- : parts extracted from the component side.
- ⊙ : Pattern on the side which is seen.

ICF-C360L

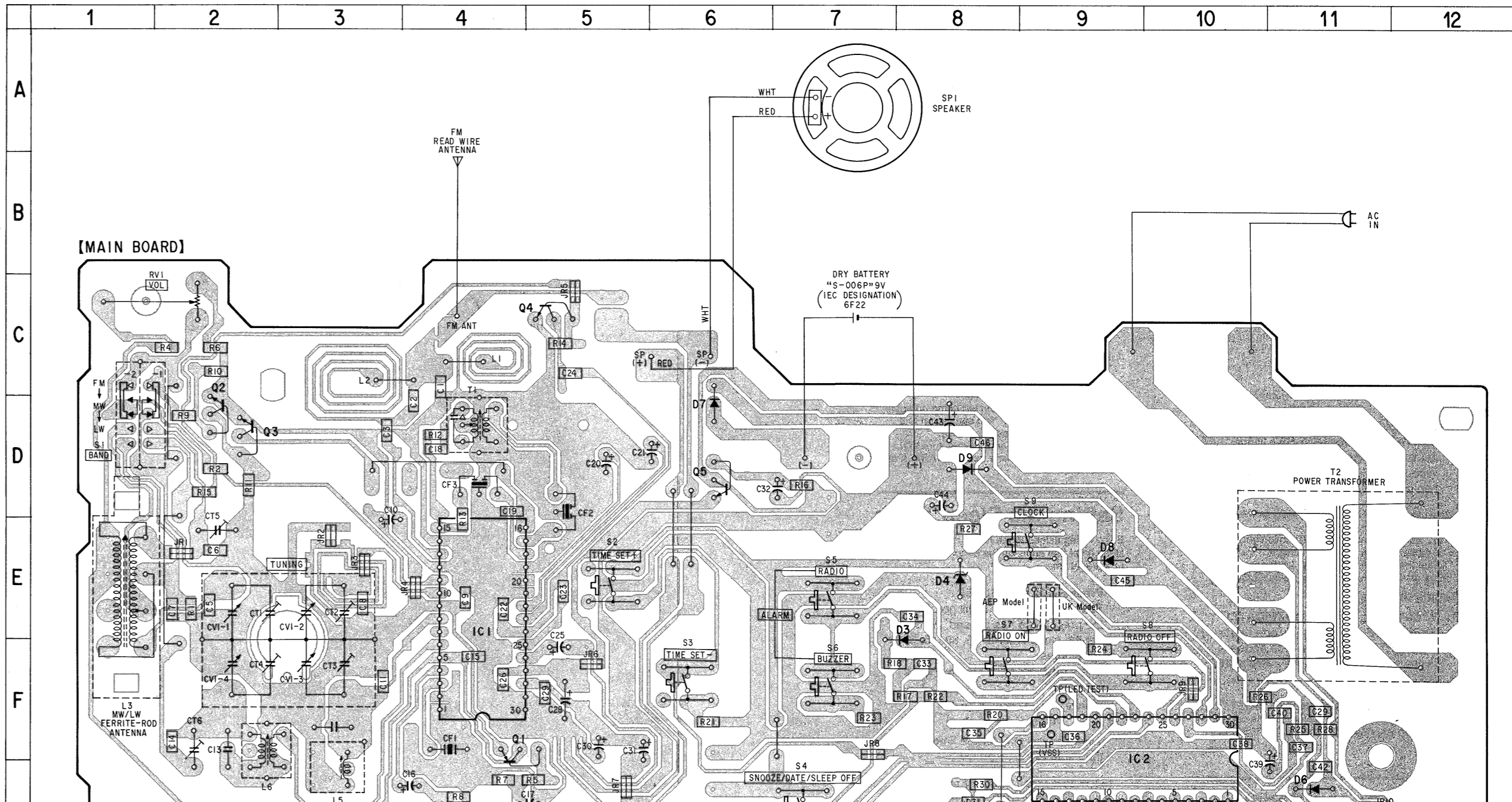
ICF-C360L

4-2. PRINTED WIRING BOARD (ICF-C360L)

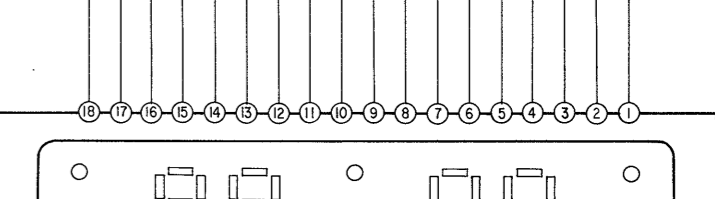
• Refer to page 7 for Semiconductor Lead Layouts.

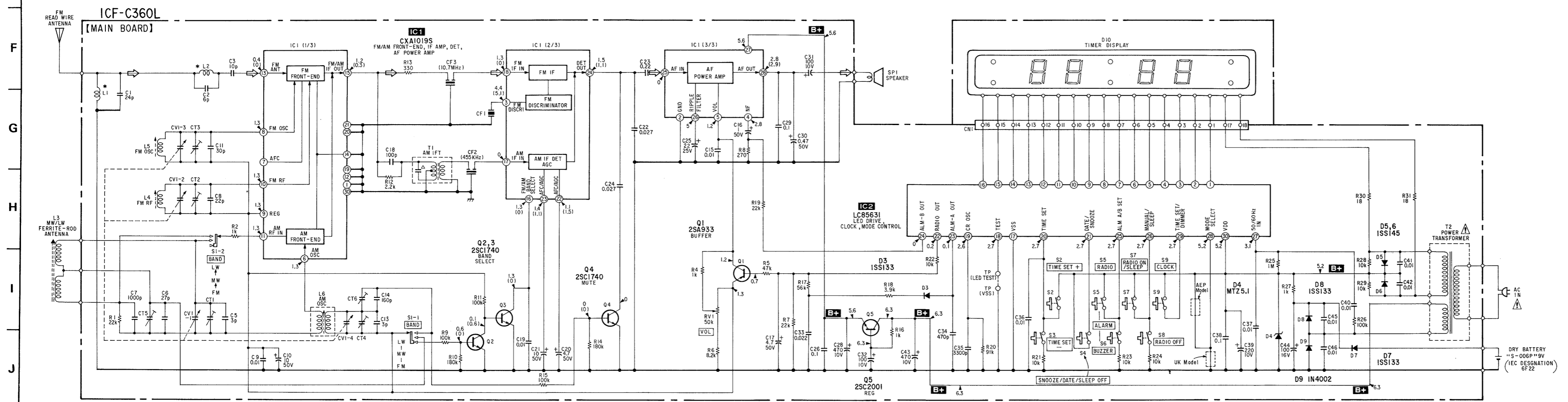
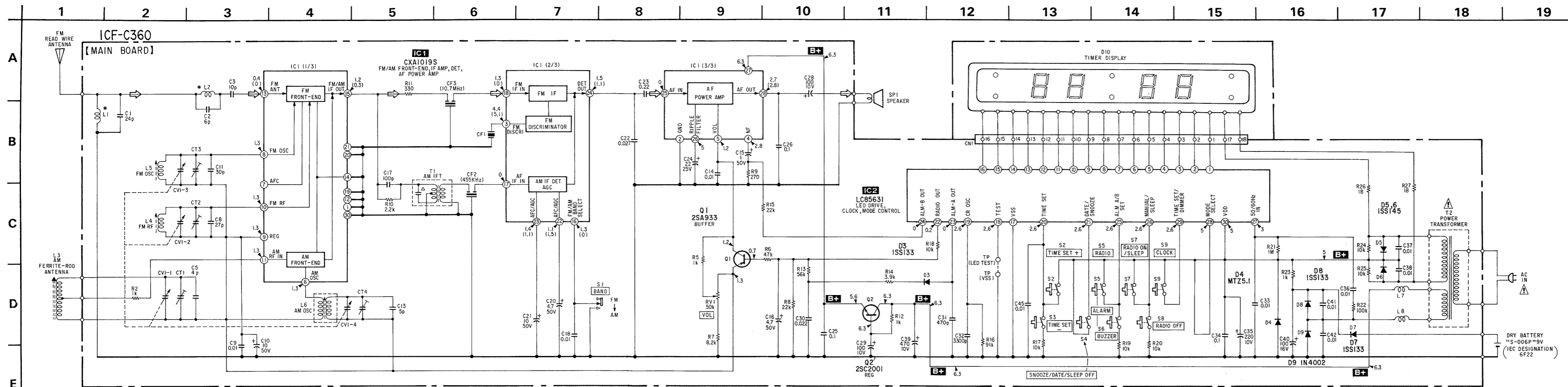
• SEMICONDUCTOR LOCATION

Ref. No.	Location
D3	E-8
D4	E-8
D5	G-11
D6	G-11
D7	D-6
D8	E-9
D9	D-8
D10	I-9
IC1	E-4
IC2	F-9
Q1	F-4
Q2	D-2
Q3	D-2
Q4	C-5
Q5	D-6



• Semiconductor Lead Layouts





Note :

- All capacitors are in μ F unless otherwise noted. pF: μ μ F
- All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
- % : indicates tolerance.
- Δ : internal component.

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

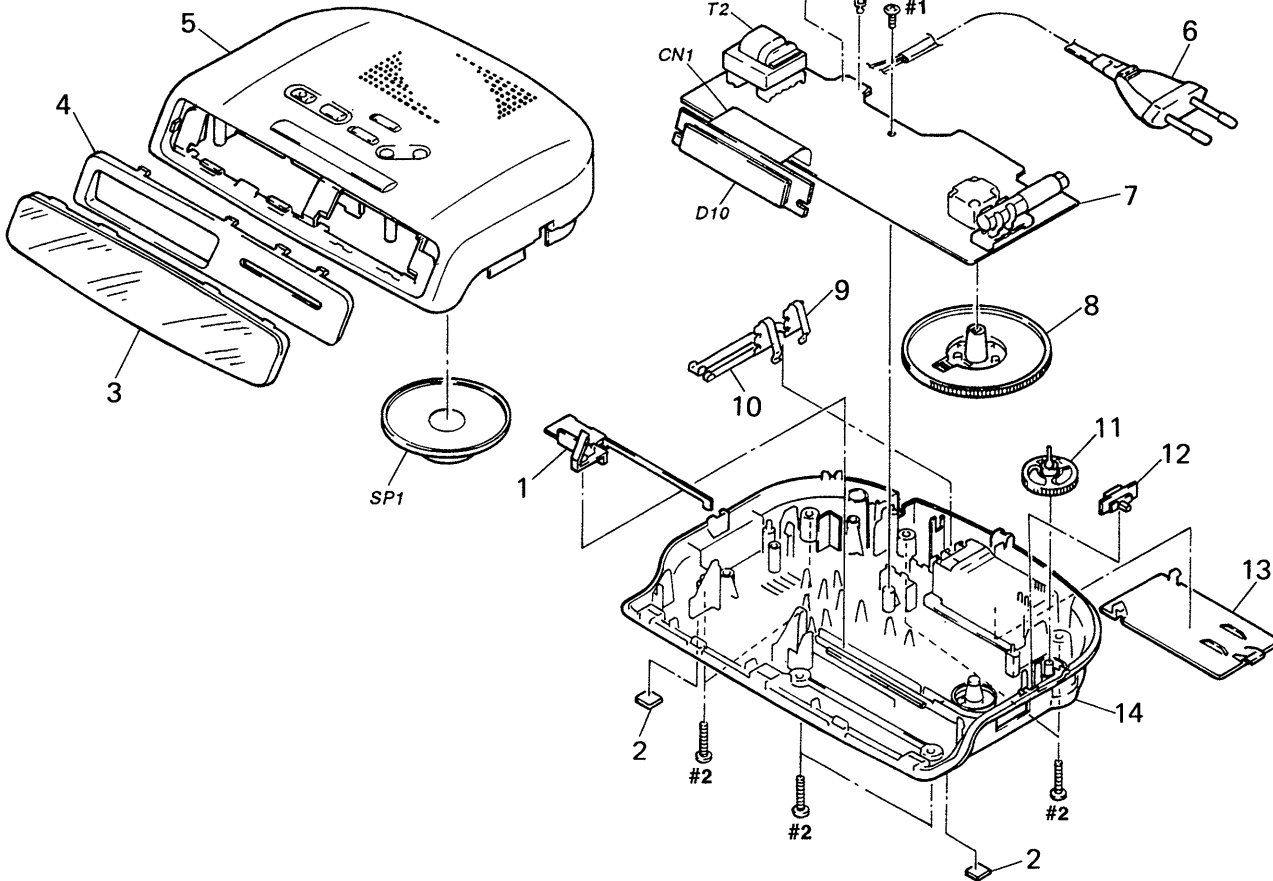
- **B+** : B+ Line
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- no mark : FM
- () : MW
- () : LW
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path.
- \Rightarrow : FM
- * : printed pattern functions as a kind of coil.

SECTION 5 EXPLODED VIEW

NOTE :

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Color indication of Appearance Parts
Example :
KNOB, BALANCE (WHITE)...(RED)

↑ ↑
Parts color Cabinet's color



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

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

Ref. No.	Part No.	Description	Remark
1	3-904-446-01	POINTER	
2	3-368-852-01	FOOT	
3	3-904-444-01	WINDOW	
4	3-904-445-01	PLATE, BACK (ICF-C360)	
4	3-904-445-21	PLATE, BACK (ICF-C360L:AEP)	
4	3-904-445-31	PLATE, BACK (ICF-C360L:UK)	
5	X-3367-061-1	CABINET (UPPER) ASSY (ICF-C360) (WHITE)	
5	X-3367-061-2	CABINET (UPPER) ASSY (ICF-C360) (BLACK)	
5	X-3367-061-3	CABINET (UPPER) ASSY (ICF-C360L) (WHITE)	
5	X-3367-061-4	CABINET (UPPER) ASSY (ICF-C360L) (BLACK)	
\triangle 6	1-555-795-00	CORD, POWER (EXCEPT UK)	
\triangle 6	1-696-572-21	CORD, POWER (UK)	
* 7	A-3661-801-A	MAIN (HAND) BOARD, COMPLETE (ICF-C360)	
* 7	A-3661-804-A	MAIN (HAND) BOARD, COMPLETE (ICF-C360L:AEP)	
* 7	A-3661-805-A	MAIN (HAND) BOARD, COMPLETE (ICF-C360L:UK)	
8	3-369-138-01	KNOB (TUNING)	

Ref. No.	Part No.	Description	Remark
9	3-369-133-01	TERMINAL (B), BATTERY	
10	3-369-132-01	TERMINAL (A), BATTERY	
11	3-369-134-01	KNOB (VOLUME)	
12	3-904-447-01	KNOB (BAND)	
13	3-369-135-01	LID, BATTERY CASE	
14	3-904-442-01	CABINET (LOWER) (WHITE) (ICF-C360L:UK)	
14	3-904-442-11	CABINET (LOWER) (GRAY) (ICF-C360L:UK)	
14	3-904-442-21	CABINET (LOWER) (WHITE) (ICF-C360)	
14	3-904-442-31	CABINET (LOWER) (GRAY) (ICF-C360)	
14	3-904-442-41	CABINET (LOWER) (WHITE) (ICF-C360L:AEP)	
14	3-904-442-51	CABINET (LOWER) (BLACK) (ICF-C360L:AEP)	
CN1	1-696-939-11	CORD, CONNECTION (18 CORE)	
D10	1-810-026-21	LED SL-1994-55T (TIMER DISPLAY)	
SP1	1-503-082-00	SPEAKER	
\triangle T2	1-449-940-11	TRANSFORMER, POWER	
* TML1	1-535-771-11	TERMINAL	
* TML2	1-535-771-11	TERMINAL	

SECTION 6 ELECTRICAL PARTS LIST

MAIN

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, -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

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	A-3661-801-A	MAIN (HAND) BOARD, COMPLETE ***** (ICF-C360)		C14	1-163-031-11	CERAMIC CHIP 0.01uF	50V (ICF-C360)
*	A-3661-804-A	MAIN (HAND) BOARD, COMPLETE ***** (ICF-C360L:AEP)		C14	1-163-122-00	CERAMIC CHIP 160PF	5% 50V (ICF-C360L)
*	A-3661-805-A	MAIN (HAND) BOARD, COMPLETE ***** (ICF-C360L:UK)		C15	1-124-903-11	ELECT 1uF	20% 50V (ICF-C360)
*	3-364-726-01	PLATE (B), SHIELD (ICF-C360L)		C15	1-163-031-11	CERAMIC CHIP 0.01uF	50V (ICF-C360L)
*	3-375-716-01	PLATE, SHIELD (ICF-C360L)		C16	1-124-903-11	ELECT 1uF	20% 50V (ICF-C360L)
< CAPACITOR >				C16	1-124-927-11	ELECT 4.7uF	20% 100V (ICF-C360)
C1	1-163-102-00	CERAMIC CHIP 24PF	5% 50V	C17	1-124-927-11	ELECT 4.7uF	20% 100V (ICF-C360L)
C2	1-163-089-00	CERAMIC CHIP 6PF	5% 50V	C17	1-163-117-00	CERAMIC CHIP 100PF	5% 50V (ICF-C360)
C3	1-163-093-00	CERAMIC CHIP 10PF	5% 50V	C18	1-163-031-11	CERAMIC CHIP 0.01uF	50V (ICF-C360)
C5	1-163-086-00	CERAMIC CHIP 3PF	50V (ICF-C360L)	C18	1-163-117-00	CERAMIC CHIP 100PF	5% 50V (ICF-C360L)
C5	1-163-087-00	CERAMIC CHIP 4PF	50V (ICF-C360)	C19	1-163-031-11	CERAMIC CHIP 0.01uF	50V (ICF-C360L)
C6	1-163-103-00	CERAMIC CHIP 27PF	5% 50V (ICF-C360L)	C20	1-124-927-11	ELECT 4.7uF	20% 100V
C7	1-163-009-11	CERAMIC CHIP 0.001uF	10% 50V (ICF-C360L)	C21	1-124-907-11	ELECT 10uF	20% 50V
C8	1-163-103-00	CERAMIC CHIP 27PF	5% 50V (ICF-C360)	C22	1-163-986-00	CERAMIC CHIP 0.027uF	10% 25V
C8	1-163-165-00	CERAMIC CHIP 22PF	5% 50V (ICF-C360L)	C23	1-164-222-11	CERAMIC CHIP 0.22uF	25V
C9	1-164-232-11	CERAMIC CHIP 0.01uF	50V	C24	1-126-233-11	ELECT 22uF	20% 50V (ICF-C360)
C10	1-124-907-11	ELECT 10uF	20% 50V	C24	1-163-986-00	CERAMIC CHIP 0.027uF	10% 25V (ICF-C360L)
C11	1-163-104-00	CERAMIC CHIP 30PF	5% 50V	C25	1-126-233-11	ELECT 22uF	20% 50V (ICF-C360L)
C13	1-163-088-00	CERAMIC CHIP 5PF	50V (ICF-C360)	C25	1-164-004-11	CERAMIC CHIP 0.1uF	10% 25V (ICF-C360)
C13	1-102-936-00	CERAMIC 3.0PF	+-.0.25PF 50V (ICF-C360L)				

MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C26	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V	C40	1-126-101-11	ELECT	100uF 20% 16V
C28	1-124-443-00	ELECT	100uF 20% 10V (ICF-C360)	C40	1-164-232-11	CERAMIC CHIP	0.01uF 50V (ICF-C360L)
C28	1-124-472-11	ELECT	470uF 20% 10V (ICF-C360L)	C41	1-163-031-11	CERAMIC CHIP	0.01uF 50V
C29	1-124-443-00	ELECT	100uF 20% 10V (ICF-C360)	C42	1-163-031-11	CERAMIC CHIP	0.01uF 50V
C29	1-164-004-11	CERAMIC CHIP	0.1uF 10% 25V (ICF-C360L)	C43	1-124-472-11	ELECT	470uF 20% 10V (ICF-C360L)
C30	1-124-902-00	ELECT	0.47uF 20% 50V (ICF-C360L)	C44	1-126-101-11	ELECT	100uF 20% 16V (ICF-C360L)
C30	1-163-033-00	CERAMIC CHIP	0.022uF 50V (ICF-C360)	C45	1-163-031-11	CERAMIC CHIP	0.01uF 50V
C31	1-124-443-00	ELECT	100uF 20% 10V (ICF-C360L)	C46	1-163-031-11	CERAMIC CHIP	0.01uF 50V (ICF-C360L)
C31	1-163-133-00	CERAMIC CHIP	470PF 5% 50V (ICF-C360)	< FILTER >			
C32	1-124-443-00	ELECT	100uF 20% 10V (ICF-C360L)	CF1	1-567-097-61	FILTER, CERAMIC	
C32	1-164-182-11	CERAMIC CHIP	0.0033uF 10% 50V (ICF-C360)	CF2	1-577-072-11	FILTER, CERAMIC (ICF-C360)	
C33	1-163-033-00	CERAMIC CHIP	0.022uF 50V (ICF-C360L)	CF2	1-578-677-11	FILTER, CRYSTAL (ICF-C360L)	
C33	1-164-232-11	CERAMIC CHIP	0.01uF 50V (ICF-C360)	CF3	1-567-097-61	FILTER, CERAMIC	
C34	1-163-038-91	CERAMIC CHIP	0.1uF 25V (ICF-C360)	< CONNECTOR >			
C34	1-163-133-00	CERAMIC CHIP	470PF 5% 50V (ICF-C360L)	CN1	1-696-939-11	CORD, CONNECTION (18 CORE)	
C35	1-126-176-11	ELECT	220uF 20% 10V (ICF-C360)	< VARIABLE CAPACITOR >			
C35	1-164-182-11	CERAMIC CHIP	0.0033uF 10% 50V (ICF-C360L)	CT1-4 } CV1 }	1-151-628-11	CAP, VARIABLE	
C36	1-163-031-11	CERAMIC CHIP	0.01uF 50V (ICF-C360L)	< TRIMMER >			
C36	1-164-232-11	CERAMIC CHIP	0.01uF 50V (ICF-C360)	CT5	1-141-443-11	TRIMMER, CERAMIC (ICF-C360L)	
C37	1-163-031-11	CERAMIC CHIP	0.01uF 50V (ICF-C360)	CT6	1-141-443-11	TRIMMER, CERAMIC (ICF-C360L)	
C37	1-164-232-11	CERAMIC CHIP	0.01uF 50V (ICF-C360L)	< DIODE >			
C38	1-163-031-11	CERAMIC CHIP	0.01uF 50V (ICF-C360)	D3	8-719-911-19	DIODE 1SS119	
C38	1-163-038-91	CERAMIC CHIP	0.1uF 25V (ICF-C360L)	D4	8-719-921-42	DIODE MTZJ-5.1A	
C39	1-124-472-11	ELECT	470uF 20% 10V (ICF-C360)	D5	8-719-911-19	DIODE 1SS119	
C39	1-126-176-11	ELECT	220uF 20% 10V (ICF-C360L)	D6	8-719-911-19	DIODE 1SS119	
				D7	8-719-911-19	DIODE 1SS119	
				D8	8-719-911-19	DIODE 1SS119	
				D9	8-719-200-02	DIODE 10E2	
				D10	1-810-026-21	DIODE SL-1994-55T	
				< IC >			
				IC1	8-752-035-29	IC CXA1019S	
				IC2	8-759-095-52	IC LC85631	
				< JUMPER RESISTOR >			
				JR1	1-216-295-00	METAL CHIP 0 5%	1/10W (ICF-C360)

Ref. No.	Part No.	Description			Remark
JR1	1-216-296-00	METAL CHIP	0	5%	1/8W (ICF-C360L)
JR2	1-216-295-00	METAL CHIP	0	5%	1/10W
JR3	1-216-295-00	METAL CHIP	0	5%	1/10W (ICF-C360)
JR3	1-216-296-00	METAL CHIP	0	5%	1/8W (ICF-C360L)
JR4	1-216-295-00	METAL CHIP	0	5%	1/10W (ICF-C360)
JR4	1-216-296-00	METAL CHIP	0	5%	1/8W (ICF-C360L)
JR5	1-216-295-00	METAL CHIP	0	5%	1/10W
JR6	1-216-295-00	METAL CHIP	0	5%	1/10W (ICF-C360L)
JR7	1-216-296-00	METAL CHIP	0	5%	1/8W (ICF-C360L)
JR8	1-216-295-00	METAL CHIP	0	5%	1/10W (ICF-C360L)
JR9	1-216-295-00	METAL CHIP	0	5%	1/10W (ICF-C360L)
JR10	1-216-295-00	METAL CHIP	0	5%	1/10W (ICF-C360L)
< COIL >					
L3	1-402-413-21	ANTENNA, FERRITE-ROD (AM)			(ICF-C360)
L3	1-402-584-11	ANTENNA, FERRITE-ROD (MW/LW)			(ICF-C360L)
L4	1-428-223-11	COIL, AIR-CORE			(ICF-C360)
L5	1-406-425-11	COIL, OSC (FM)			
L6	1-406-028-00	COIL, OSC (MW)			
< TRANSISTOR >					
Q1	8-729-119-76	TRANSISTOR	2SA1175-HFE		
Q2	8-729-119-78	TRANSISTOR	2SC2785-HFE		(ICF-C360L)
Q2	8-729-142-46	TRANSISTOR	2SC2001-LK		(ICF-C360)
Q3	8-729-119-78	TRANSISTOR	2SC2785-HFE		(ICF-C360L)
Q4	8-729-119-78	TRANSISTOR	2SC2785-HFE		(ICF-C360L)
Q5	8-729-142-46	TRANSISTOR	2SC2001-LK		(ICF-C360L)
< RESISTOR >					
R1	1-216-081-00	METAL CHIP	22K	5%	1/10W (ICF-C360L)
R2	1-216-049-00	METAL CHIP	1K	5%	1/10W
R4	1-216-049-00	METAL CHIP	1K	5%	1/10W (ICF-C360L)
R5	1-216-049-00	METAL CHIP	1K	5%	1/10W (ICF-C360)
R5	1-216-089-91	METAL GLAZE	47K	5%	1/10W (ICF-C360L)

Ref. No.	Part No.	Description			Remark
R6	1-216-071-00	METAL CHIP	8.2K	5%	1/10W (ICF-C360L)
R6	1-216-089-91	METAL GLAZE	47K	5%	1/10W (ICF-C360)
R7	1-216-071-00	METAL CHIP	8.2K	5%	1/10W (ICF-C360)
R7	1-216-081-00	METAL CHIP	22K	5%	1/10W (ICF-C360L)
R8	1-216-035-00	METAL CHIP	270	5%	1/10W (ICF-C360L)
R8	1-216-081-00	METAL CHIP	22K	5%	1/10W (ICF-C360)
R9	1-216-035-00	METAL CHIP	270	5%	1/10W (ICF-C360)
R9	1-216-097-00	METAL CHIP	100K	5%	1/10W (ICF-C360L)
R10	1-216-057-91	METAL GLAZE	2.2K	5%	1/10W (ICF-C360)
R10	1-216-103-00	METAL CHIP	180K	5%	1/10W (ICF-C360L)
R11	1-216-037-00	METAL CHIP	330	5%	1/10W (ICF-C360)
R11	1-216-097-00	METAL CHIP	100K	5%	1/10W (ICF-C360L)
R12	1-216-049-00	METAL CHIP	1K	5%	1/10W (ICF-C360)
R12	1-216-057-91	METAL GLAZE	2.2K	5%	1/10W (ICF-C360L)
R13	1-216-037-00	METAL CHIP	330	5%	1/10W (ICF-C360L)
R13	1-216-091-00	METAL CHIP	56K	5%	1/10W (ICF-C360)
R14	1-216-063-00	METAL CHIP	3.9K	5%	1/10W (ICF-C360)
R14	1-216-103-00	METAL CHIP	180K	5%	1/10W (ICF-C360L)
R15	1-216-081-00	METAL CHIP	22K	5%	1/10W (ICF-C360)
R15	1-216-097-00	METAL CHIP	100K	5%	1/10W (ICF-C360L)
R16	1-216-049-00	METAL CHIP	1K	5%	1/10W (ICF-C360L)
R16	1-216-096-00	METAL GLAZE	91K	5%	1/10W (ICF-C360)
R17	1-216-073-00	METAL CHIP	10K	5%	1/10W (ICF-C360)
R17	1-216-091-00	METAL CHIP	56K	5%	1/10W (ICF-C360L)
R18	1-216-063-00	METAL CHIP	3.9K	5%	1/10W (ICF-C360L)

MAIN

Ref. No.	Part No.	Description	Remark
R18	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360)
R19	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360)
R19	1-216-081-00	METAL CHIP	22K 5% 1/10W (ICF-C360L)
R20	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360)
R20	1-216-096-00	METAL GLAZE	91K 5% 1/10W (ICF-C360L)
R21	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360L)
R21	1-216-121-00	METAL CHIP	1M 5% 1/10W (ICF-C360)
R22	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360L)
R22	1-216-097-00	METAL CHIP	100K 5% 1/10W (ICF-C360)
R23	1-216-049-00	METAL CHIP	1K 5% 1/10W (ICF-C360)
R23	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360L)
R24	1-216-073-00	METAL CHIP	10K 5% 1/10W
R25	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360)
R25	1-216-121-00	METAL CHIP	1M 5% 1/10W (ICF-C360L)
R26	1-216-007-00	METAL CHIP	18 5% 1/10W (ICF-C360)
R26	1-216-097-00	METAL CHIP	100K 5% 1/10W (ICF-C360L)
R27	1-216-007-00	METAL CHIP	18 5% 1/10W (ICF-C360)
R27	1-216-049-00	METAL CHIP	1K 5% 1/10W (ICF-C360L)
R28	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360L)
R29	1-216-073-00	METAL CHIP	10K 5% 1/10W (ICF-C360L)
R30	1-216-007-00	METAL CHIP	18 5% 1/10W (ICF-C360L)
R31	1-216-007-00	METAL CHIP	18 5% 1/10W (ICF-C360L)
		< VARIABLE RESISTOR >	
RV1	1-228-790-00	RES, VAR, CARBON 50K (VOL)	
		< SWITCH >	
S1	1-571-478-11	SWITCH, SLIDE (BAND) (ICF-C360)	

Ref. No.	Part No.	Description	Remark
S1	1-572-949-11	SWITCH, SLIDE (BAND) (ICF-C360L)	
S2	1-554-937-11	SWITCH, KEY BOARD (TIME SET +)	
S3	1-554-937-11	SWITCH, KEY BOARD (TIME SET -)	
S4	1-554-937-11	SWITCH, KEY BOARD (SNOOZE/DATE/SLEEP OFF)	
S5	1-554-937-11	SWITCH, KEY BOARD (ALARM RADIO)	
S6	1-554-937-11	SWITCH, KEY BOARD (ALARM BUZZER)	
S7	1-554-937-11	SWITCH, KEY BOARD (RADIO ON/SLEEP)	
S8	1-554-937-11	SWITCH, KEY BOARD (RADIO OFF)	
S9	1-554-937-11	SWITCH, KEY BOARD (CLOCK)	
		< TRANSFORMER >	
T1	1-404-341-00	TRANSFORMER, IF	
△T2	1-449-940-11	TRANSFORMER, POWER	
		< TERMINAL >	
* TML1	1-535-771-11	TERMINAL	
* TML2	1-535-771-11	TERMINAL	

		MISCELLANEOUS	

△6	1-555-795-00	CORD, POWER (EXCEPT UK)	
△6	1-696-572-21	CORD, POWER (UK)	
SP1	1-503-082-00	SPEAKER	

		ACCESSORIES & PACKING MATERIALS	

	3-757-120-11	MANUAL, INSTRUCTION (ENGLISH/FRENCH/GERMAN/SPANISH) (ICF-C360:North European, German, ICF-C360L)	
	3-757-120-41	MANUAL, INSTRUCTION (DUTCH/SWEDISH/PORTUGUESE/ITALIAN) (ICF-C360:North European, Italian)	
*	3-904-677-01	INDIVIDUAL CARTON (ICF-C360L)	
*	3-904-681-01	INDIVIDUAL CARTON (ICF-C360)	

		HARDWARE LIST	

#1	7-685-647-79	SCREW +P 3X10 TYPE2 NON-SLIT	
#2	7-685-650-79	SCREW +P 3X16 TYPE2 NON-SLIT	

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