

Service Manual

and Technical Guide

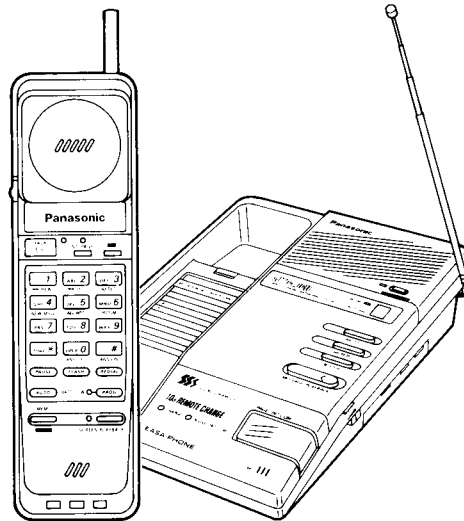
AUTO-LOGIC™

EASA-PHONE®

Cordless Telephone Answering System

Telephone Equipment

KX-T4300



■ SPECIFICATIONS

General

Modulation: FM, 5 kHz Deviation
Frequency Stability: ± 2.5 kHz
Dial Type: Tone (DTMF)/Pulse
Redial: Last dialed number each time the Redial button is pressed
Pause: 3.5 seconds per pause
Memory Capacity: 10 telephone numbers, up to 16 digits per station

Tape Deck Section:

Greeting Message
Incoming Message (ICM): Single Micro Cassette (MC-30)
Tape Speed: 2.4 cm/s
Wow and Flutter: 0.58% (WRMS)
Motor: Electrical governor motor

	Bass Station (KX-T4300H)	Portable Handset (KX-T4300R)
Power Source: (Receiver Section)	AC adaptor KX-A11A (DC 12 V)	Built-in rechargeable Ni-Cd battery (KX-A36A)
Receiving Frequency:	10 channels within 49.6 to 49.9 MHz	10 channels within 46.6 to 46.9 MHz
Adjacent Channel Rejection:	40 dB	40 dB
Sensitivity: (Transmitter Section)	1 dB μ V for 20 dB S/N	2 dB μ V for 20 dB S/N
Transmitting Frequency:	10 channels within 46.6 to 46.9 MHz	10 channels within 49.6 to 49.9 MHz
Jacks:	DC IN, Telephone line	
Antenna:	Telescopic	Retractable Rubber Flexible
Speaker:	2" (5 cm) PM dynamic	1.2" (3 cm) dynamic
Microphone:	Condenser microphone	Condenser microphone
Dimensions (H \times W \times D):	2 $1\frac{1}{16}$ " \times 6 $25\frac{3}{32}$ " \times 8 $29\frac{3}{32}$ " (68 \times 172 \times 226 mm)	1 $11\frac{3}{32}$ " \times 2 $1\frac{1}{32}$ " \times 2 $1\frac{1}{16}$ " (290 \times 60 \times 52 mm)
Weight:	1.6 lbs. (733 g)	0.57 lbs. (257 g) with battery

Design and specifications are subject to change without notice.

Panasonic

DISASSEMBLY INSTRUCTIONS

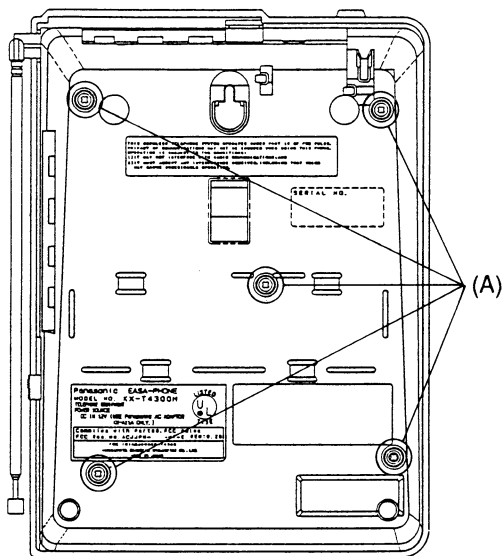


Fig. 3

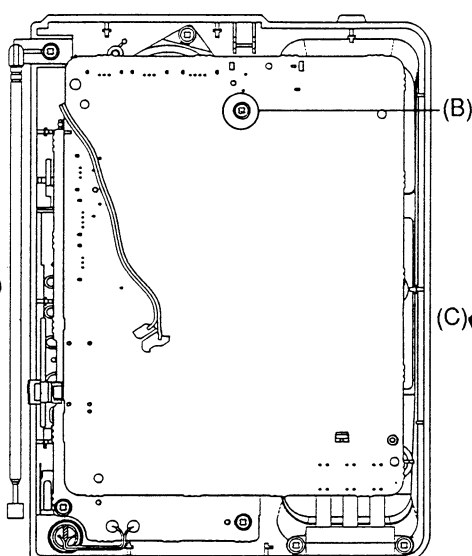


Fig. 4

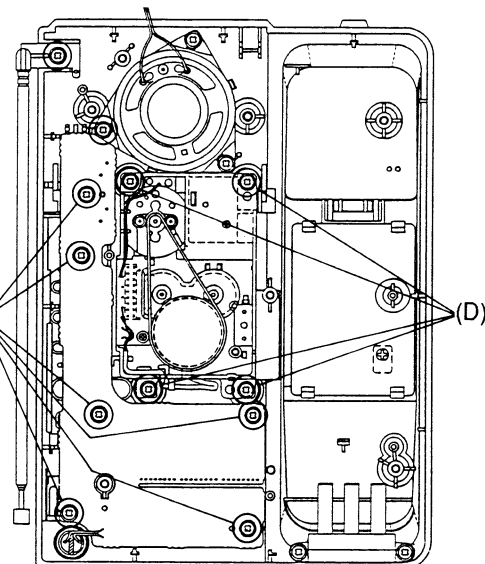


Fig. 5

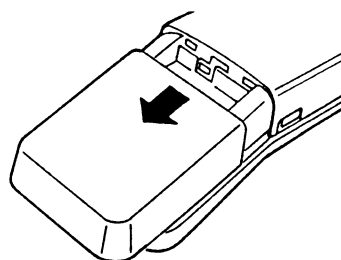


Fig. 6

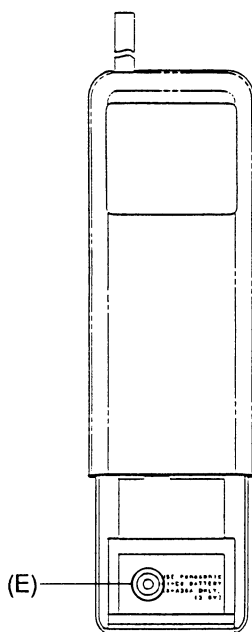


Fig. 7

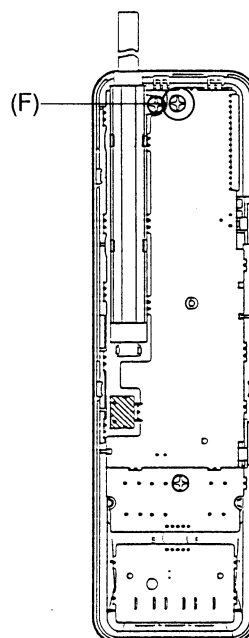


Fig. 8

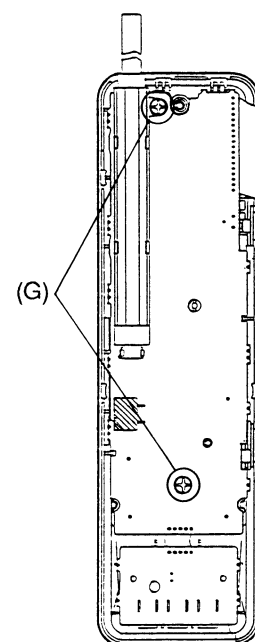


Fig. 9

Ref. No.	Procedure	Shown in Fig.—	To remove—	Remove—
1	1	3	Lower Cabinet	Screws (3×16) (A)×5
2	1, 2	4	Printed Circuit Board	Screw (3×10) (B)×1
3	1~4	5	Operational P.C. Board	Screws (3×10) (C)×6
4		5	Cassette Deck	Screws (3×10) (D)×4
5	5, 6	6	Rear Cabinet	Remove the battery compartment cover
6		7		Screw (2.6×10) (E)×1
7	5~7	8	Printed Circuit Board	Screw (2.6×10) (F)×1
8	5~8	9		Screws (2.6×10) (G)×2

CPU DATA KX-T4300H (Base Unit)

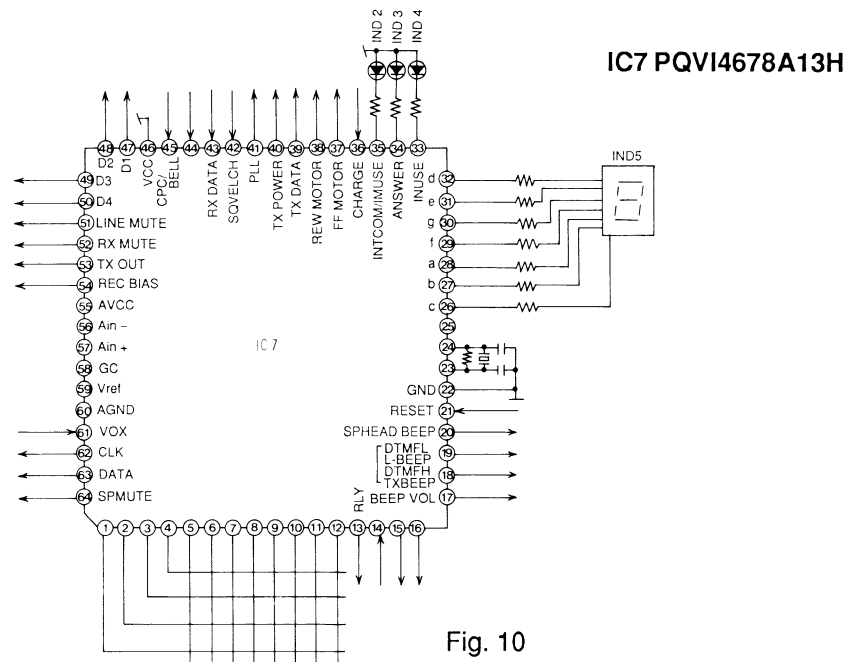


Fig. 10

Pin No.	Description	H	L	Pin No.	Description	H	L
1	STROBE		STROBE ON	33	INUSE	OFF	LED ON
2	STROBE		STROBE ON	34	ANSWER	OFF	LED ON
3	STROBE		STROBE ON	35	INT/INUSE	OFF	LED ON
4	STROBE		STROBE ON	36	CHARGE	CHARGE	MON CHARGE
5	KEY IN		DATA IN	37	FF MOTOR	ON	OFF
6	KEY IN		DATA IN	38	REW MOTOR	ON	OFF
7	KEY IN		DATA IN	39	TX DATA	1	0
8	KEY IN		DATA IN	40	TX POWER	ON	OFF
9	KEY IN		DATA IN	41	PL-L	ON	OFF
10	KEY IN		DATA IN	42	SQUELCH	HIGH FLS	LOW FLS
11	KEY IN		DATA IN	43	RX DATA	1	0
12	KEY IN		DATA IN	44	DISCONNECT	OFF HOOK	NORMAL
13	RLY	RLY ON	OFF	45	CPC/BELL	CPC ON	BELL IN
14	RVN	—	—	46	Vcc	Vcc	
15	PL-T	ON	OFF	47	PLL D0	1	0
16	PLY MOTOR	STOP	ON	48	PLL D1	1	0
17	VOLUME	LOW	HIGH	49	PLL D2	1	0
18	DTMF-H/L BEEP			50	PLL D3	1	0
19	DTMF-L/L BEEP			51	LINE MUTE	MUTE ON	MUTE OFF
20	SP/HEAD BEEP			52	RX MUTE	MUTE ON	MUTE OFF
21	RESET	RESET	NORMAL	53	TX OUT	TX OFF	TX ON
22	GND		GND	54	REC BIAS	REC ON	PLAY
23	OSC1			55	A Vcc		
24	OSC2			56	A IN-		
25	TEST	NORMAL		57	A IN+		
26	7-SEG DATA	LED OFF	ON	58	GC		
27	7-SEG DATA	OFF	ON	59	VREF		
28	7-SEG DATA	OFF	ON	60	A GND		
29	7-SEG DATA	OFF	ON	61	VOX	SILENT	VOICE
30	7-SEG DATA	OFF	ON	62	CLK		NORMAL
31	7-SEG DATA	OFF	ON	63	DATA		NORMAL
32	7-SEG DATA	OFF	ON	64	SP MUTE	MUTE ON	SP ON

CPU DATA KX-T4300R (Portable Handset)

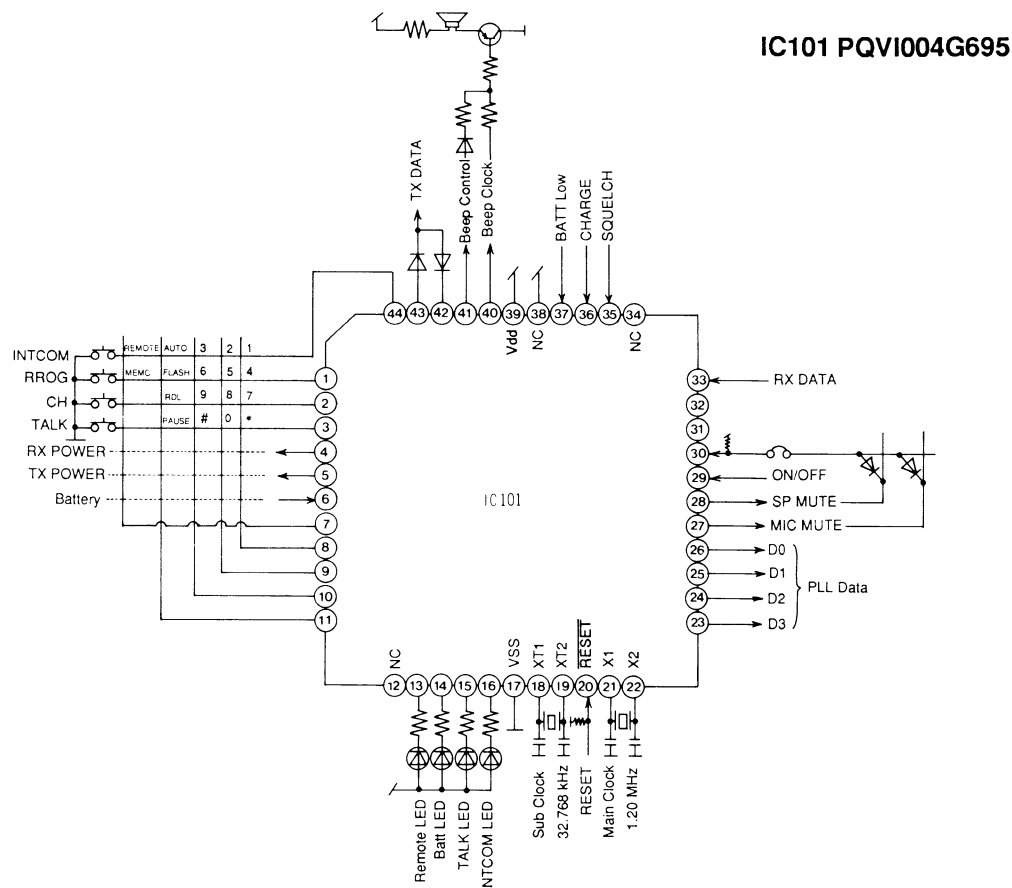


Fig. 11

Pin No.	Mark	Description	H	L	Pin No.	Mark	Description	H	L
1		KEY IN 2	NORMAL	ACTIVE	23		PLL DATA 3		
2		KEY IN 1	NORMAL	ACTIVE	24		PLL DATA 2		
3		KEY IN 0	NORMAL	ACTIVE	25		PLL DATA 1		
4		RX POWER	OFF	ON	26		PLL DATA 0		
5		TX POWER	OFF	ON	27		MIC MUTE	MUTE	UNMUTE
6		Battery	With Battery	With Battery	28		SP MUTE	MUTE	UNMUTE
7		KEY STROBE 4	NORMAL	ACTIVE	29		ON/OFF SWITCH	OFF	ON
8		KEY STROBE 3	NORMAL	ACTIVE	30				
9		KEY STROBE 2	NORMAL	ACTIVE	31				
10		KEY STROBE 1	NORMAL	ACTIVE	32				
11		KEY STROBE 0	NORMAL	ACTIVE	33		RX DATA		
12	NC	(NO CONNECT)			34	NC	(NO CONNECT)		
13		LED (REMOTE)	OFF	ON	35		SQUELCH	LOW	HIGH
14		LED (BATT/PROG)	OFF	ON	36		CHARGE	NORMAL	CHARGE
15		LED (TALK)	OFF	ON	37		BATT LOW	HIGH	LOW
16		LED (INT' COM)	OFF	ON	38	NC			
17	VSS	GND			39	VDD	POWER SOURCE		
18	XT1	SUB CLOCK			40		BEEP CLOCK	NORMAL	(2 kHz)
19	XT2	(32.768 KHz)			41		BEEP CONTROL	Sound Pressure Low	Sound Pressure High
20	RESET	RESET	NORMAL	ACTIVE	42		TX DATA		
21	X1	MAIN CLOCK			43		TX DATA		
22	X2	(1.2 MHz)			44		KEY IN 3	NORMAL	ACTIVE

■ TRANSMITTER ADJUSTMENT

- (A) Phase Detector Voltage Adjustment
- (B) Frequency Adjustment
- (C) Power Adjustment

Required Equipments

- Frequency Counter
- Digital voltmeter
- RF VTVM

Connection of Equipments

This diagram shows the connection of equipments required for (A) through (C).

Unnecessary equipment (s) can be eliminated if not required.

Flow Solder Side View

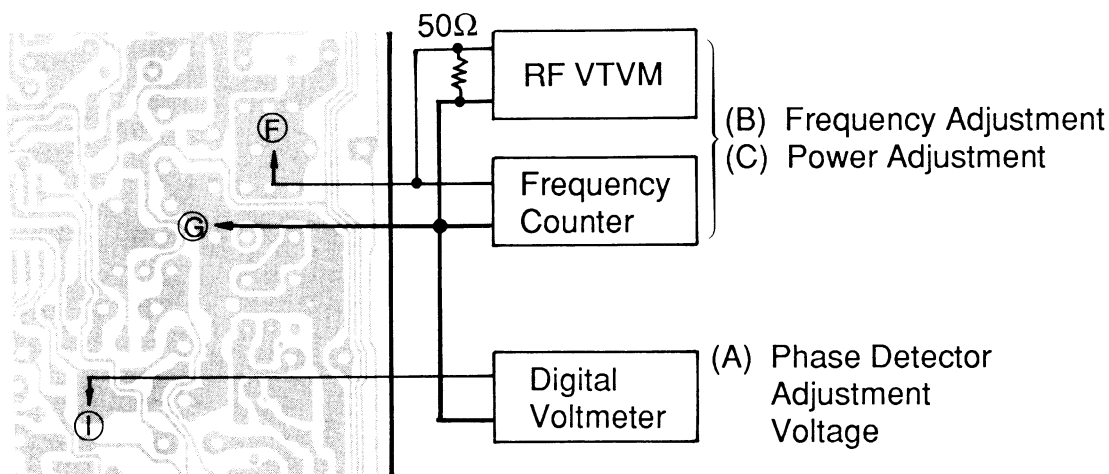


Fig. 12

	Required Equipment	Conditions	Procedure
(A)	Frequency Counter Digital Voltmeter	(1) Connect the AC Adaptor (KX-A11A) plug into DC IN Jack and the other end into a power outlet (AC 120 V, 60 Hz). (2) Set the Power/Ringer Switch to "ON", and press Talk Button of the KX-T4300R. (3) Set the unit to CH10 frequency (Press the Channel Button of KX-T4300R so that the reading of the frequency counter is 46.970 MHz).	(1) Adjust T9 (clockwise) so that the reading of the Digital Voltmeter is 3.2 V±0.1 V.
(B)	Frequency Counter RF VTVM	Same as (A)	(1) Adjust T7 and T8 for maximum output on RF VTVM. (2) Adjust VC1 so that the reading of the frequency counter is 46.970 MHz±500 Hz (CH10).
(C)	Frequency Counter RF VTVM	Same as (A)	(1) Adjust T8 (clockwise) so that the both ends of resistor 50Ω is 100 mV±10 mV by RF VTVM.

(A) Phase Detector Voltage Adjustment
(B) RF Adjustment

Required Equipments
 •Frequency Counter
 •Digital Voltmeter
 •S.S.G (Signal Generator)

•Loop Simulator
 •AF VTVM

Connection of Equipments

This diagram shows the connection of equipments required for (A) through (B).

Unnecessary equipment (s) can be eliminated if not required.

Flow Solder Side View

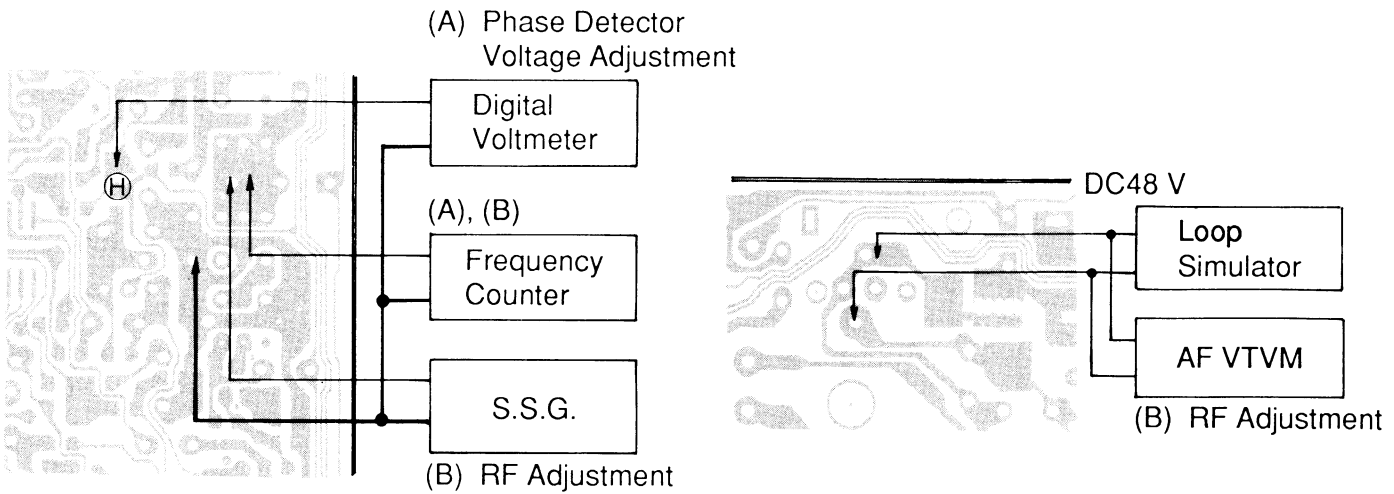
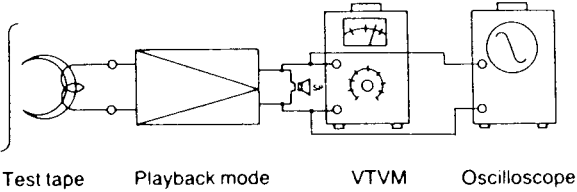
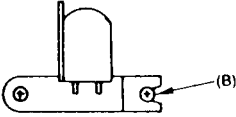
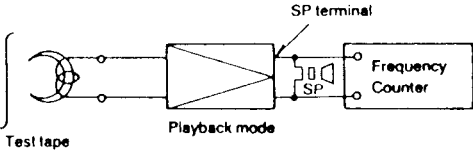
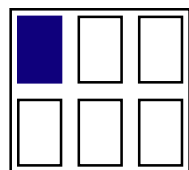
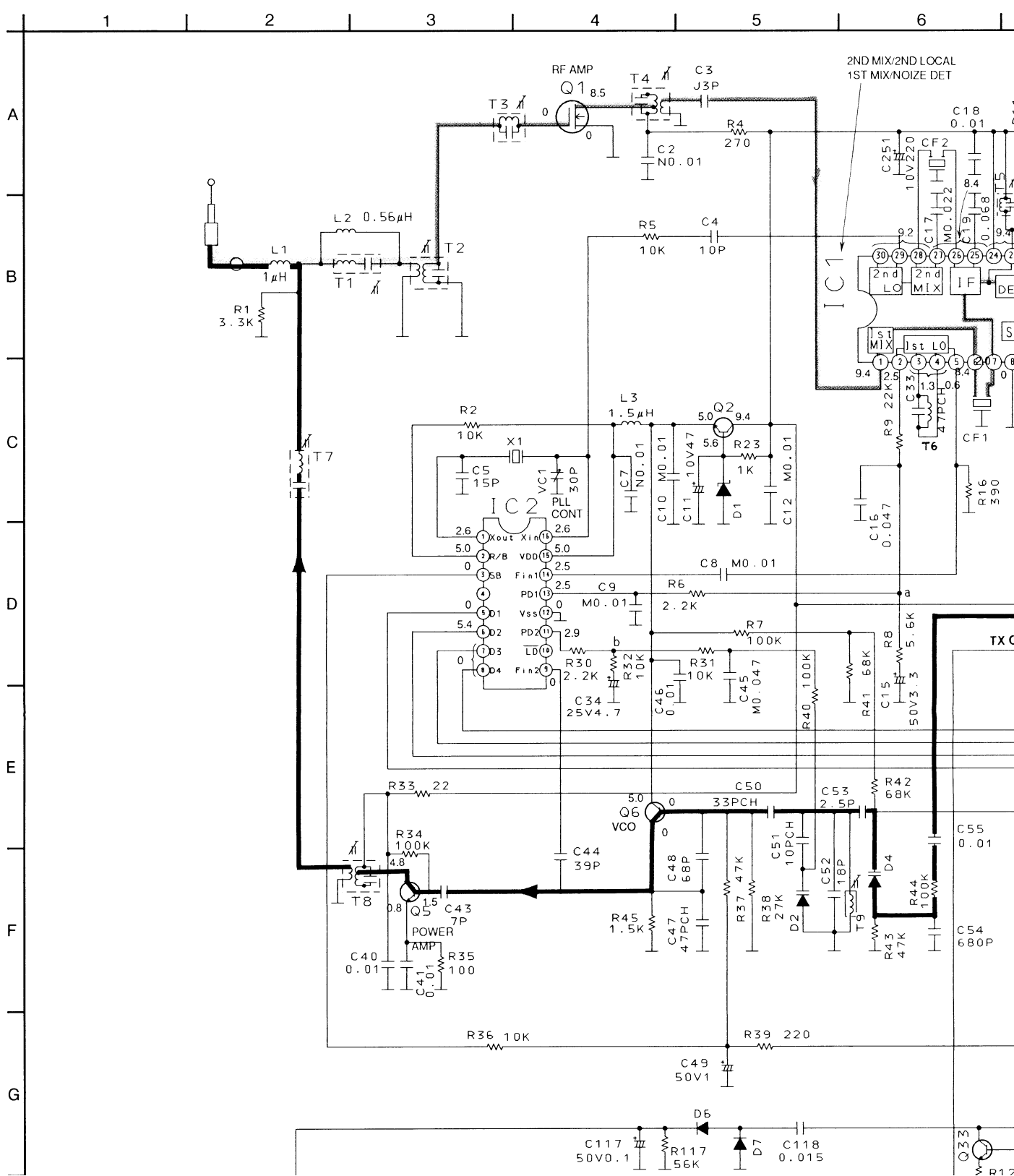


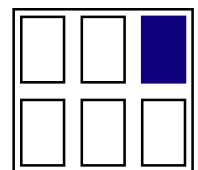
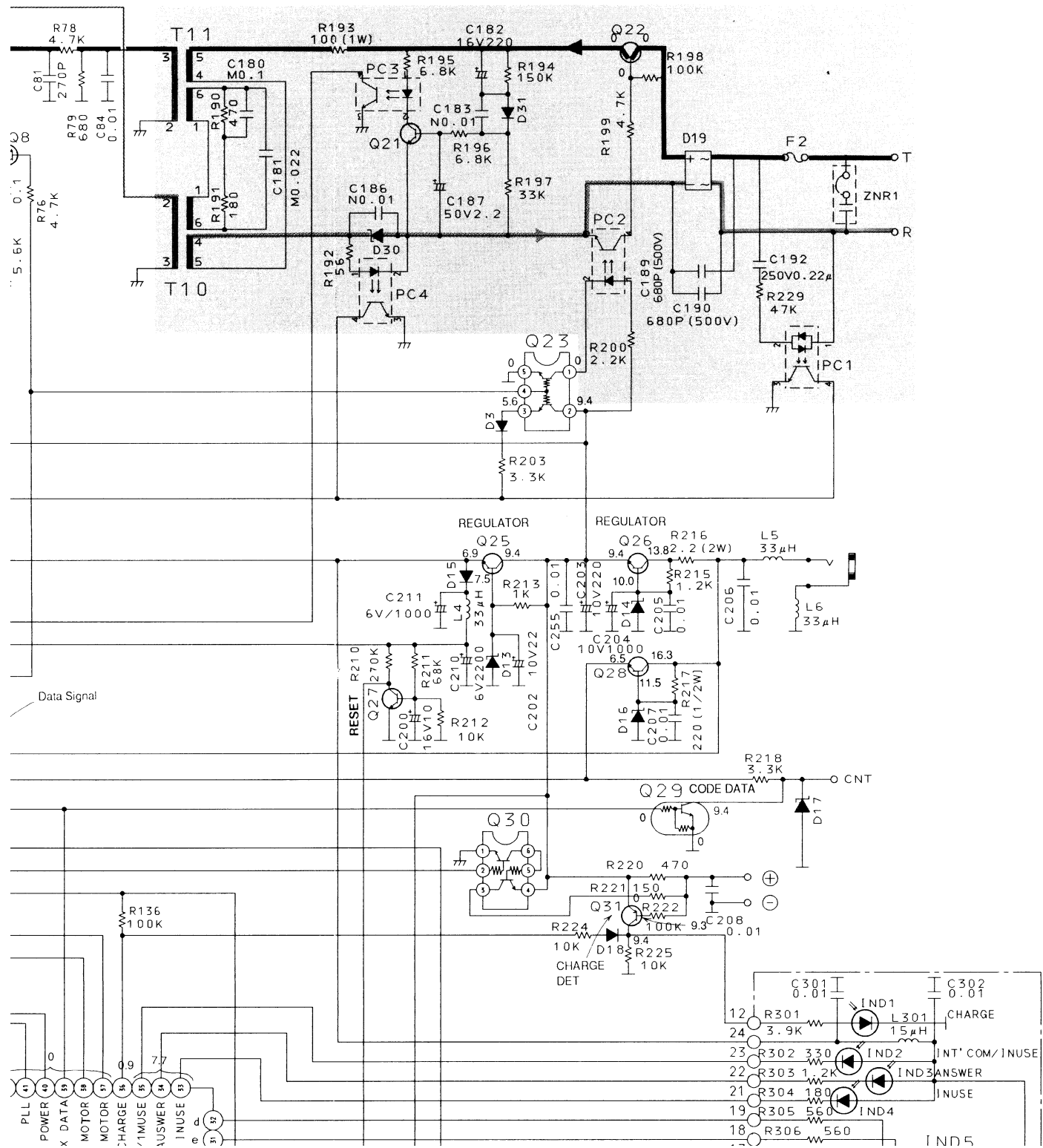
Fig. 13

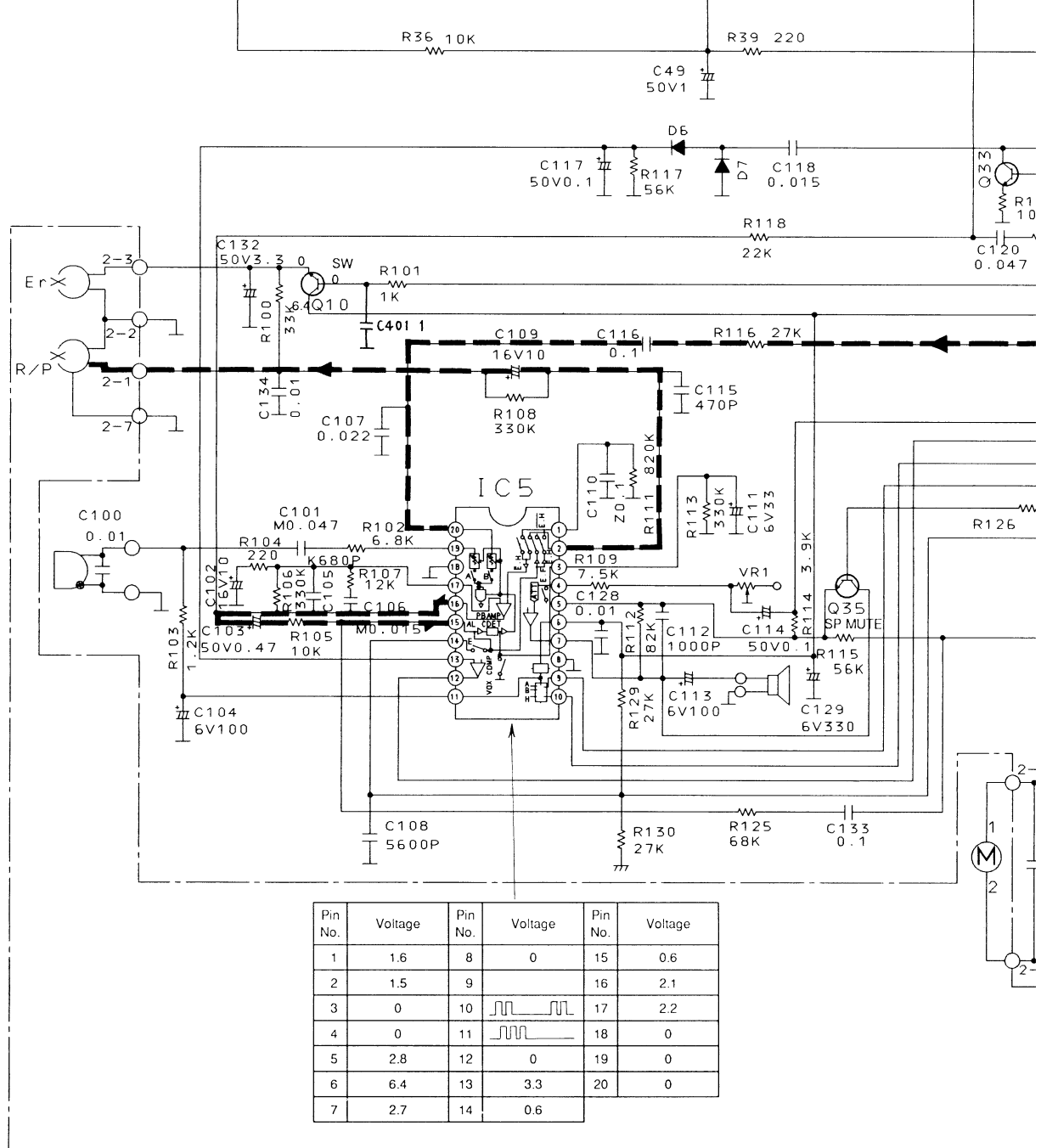
	Required Equipment	Conditions	Procedure
(A)	Frequency Counter Digital Voltmeter	(1) Connect the AC Adaptor (KX-A11A) plug into DC IN Jack and the other end into a power outlet (AC 120 V, 60 Hz). (2) Set the Power/Ringer Switch to "ON", and press Talk Button of the KX-T4300R. (3) Set the unit to CH10 frequency (Press the Channel Button of KX-T4300R so that the reading of the frequency counter is 49.970 MHz).	(1) Adjust T6 (counterclockwise) so that the reading of the Digital Voltmeter is 3.2 V \pm 0.1 V.
(B)	Frequency Counter S.S.G. Loop Simulator AF VTVM	(1) Same as (A) (2) Apply a 130 dB μ output from S.S.G. (3) Set the Power/Ringer switch to "OFF" of the KX-T4300R.	(1) Apply a 60 dB μ output from S.S.G. (modulation frequency 1 kHz, dev. 3 kHz). (2) Apply a DC 48 V from Tel Jack (CN1) by Loop simulator. (3) Adjust T5 for maximum output between T-R (by AF VTVM). (4) Apply a 30 dB μ output from S.S.G. (modulation frequency 1 kHz, dev. 3 kHz), and adjust T1, T2, T3, and T4 (in that order) for maximum output between T-R (by AF VTVM).

- Notes:**
1. Make sure the heads are clean.
 2. Make sure the capstan and pressure roller are clean.
 3. Room temperature for measuring and adjusting: $20 \pm 5^{\circ}\text{C}$ ($68 \pm 9^{\circ}\text{F}$)
 4. Test equipments are not treated as replacement parts.

ITEM	MEASUREMENT & ADJUSTMENT	REMARKS
1. Head azimuth adjustment	<p>1. Play back test tape (QZZMWA).</p> <p>2. Adjust screw (B) shown in fig. B for maximum output at SP terminal. (Test equipment connection is shown below.)</p>  <p>Test tape Playback mode VTVM Oscilloscope</p> <p>Fig. A</p>	<p>*Record/playback head</p>  <p>Fig. B</p>
2. Tape speed adjustment	<p>1. Play back test tape (QZZMWA).</p> <p>2. Adjust VR2 for 2990 ± 10 Hz on frequency counter reading.</p>  <p>Test tape Playback mode SP terminal Frequency Counter</p> <p>Fig. C</p>	

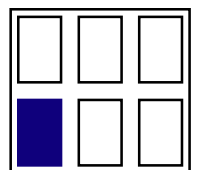


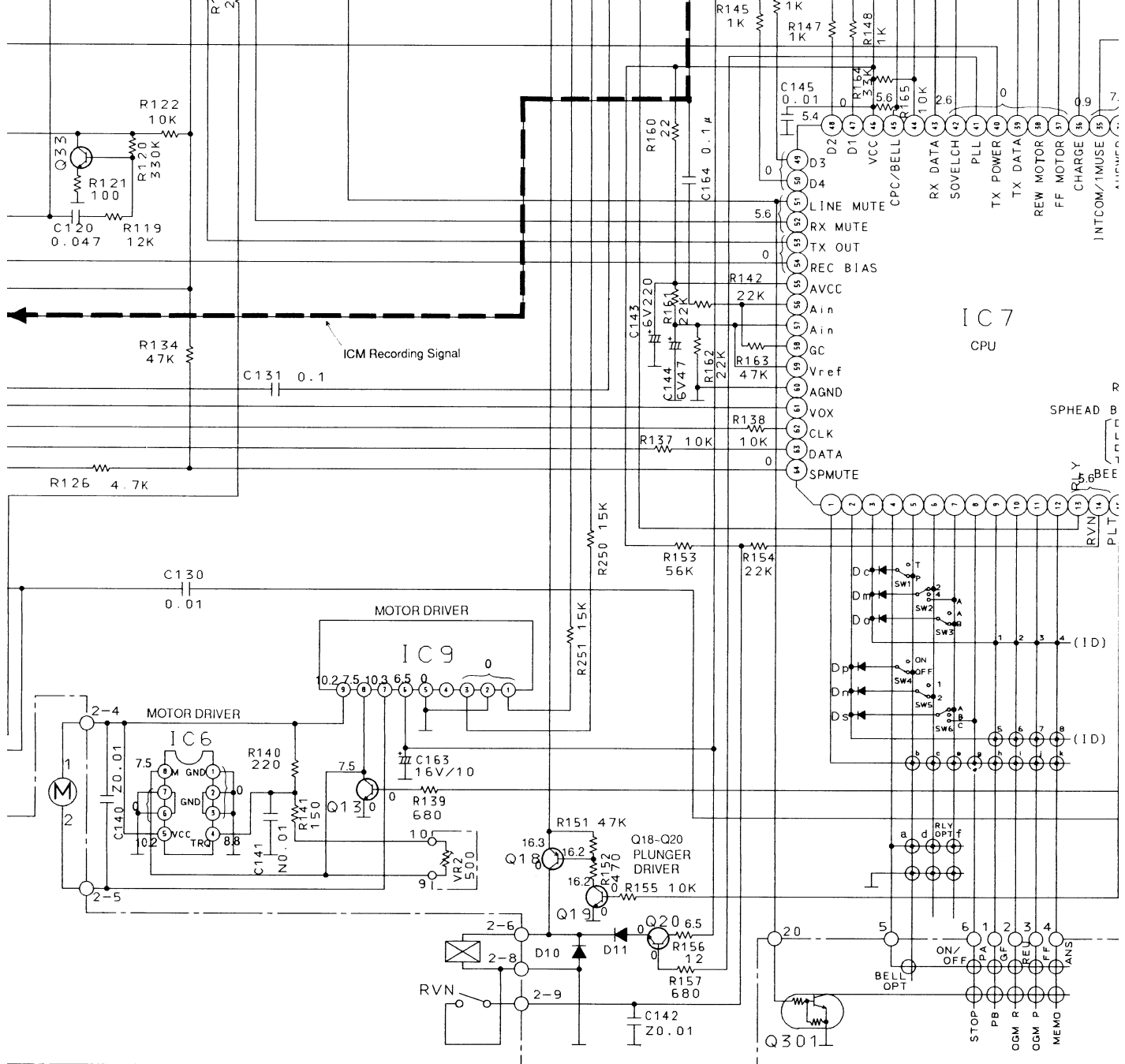




Notes:

- SW1: Dialing Mode Selector.
- SW2: Rings Selector.
- SW3: CPC Selector.
- SW4: Message Alert Selector.
- SW5: Remote Code Selector.
- SW6: Handset Security Code Selector.
- SW301: Answer On Switch.
- SW302: Fast Forward Switch.
- SW303: Rewind Switch.
- SW304: Stop Switch.
- SW305: Message Playback
- SW306: Power On/Off Swi





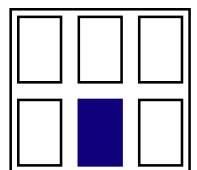
id Switch.
Switch.
age Playback Switch.
r On/Off Switch.

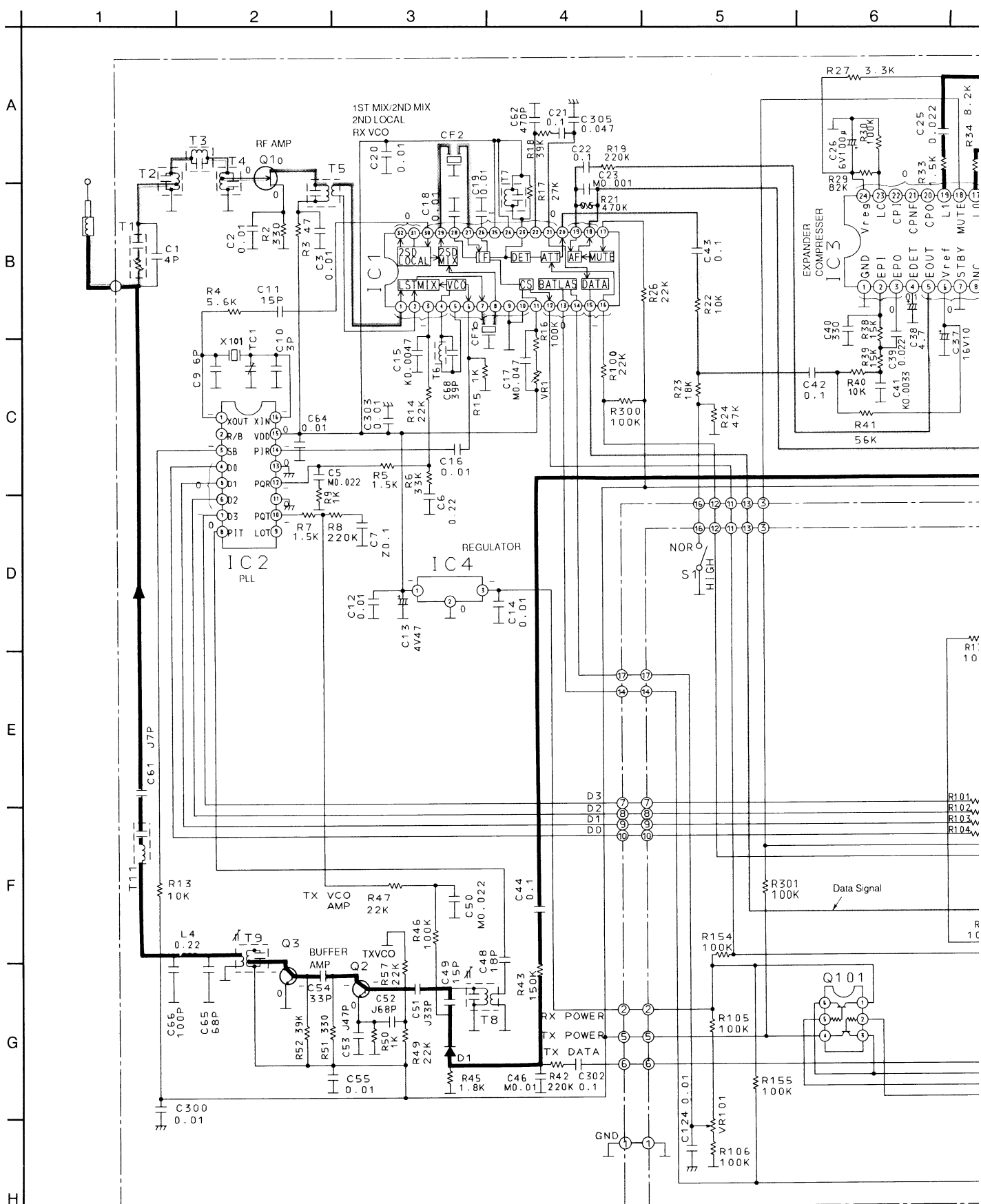
13. SW307: Page/INT'COM Switch.
14. SW308: Greeting Record Switch.
15. SW309: Greeting Check Switch.
16. SW310: Memo Record Switch.

17. DC voltage
measurements are taken
with an electronic voltmeter
from the negative voltage
line. STANDBY position

Important Safety Notice -

The shaded area on this sc
special features important
electrical shock hazards.
When servicing it is esse
specified parts be used for
shaded areas of the schem

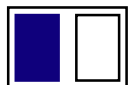




Notes:

1. S1: Volume Selector Switch in "HIGH" position.
2. S2: Power/Ringer switch in "OFF" position.

3. DC voltage measurements are taken with electronic voltmeter from negative voltage line. STANDBY position



■ TRANSMITTER & RECEIVER ADJUSTMENT

- (A) Battery Low Adjustment
- (B) Transmit VCO voltage Adjustment
- (C) Receiver VCO voltage Adjustment
- (D) Transmit Frequency Adjustment
- (E) Transmit Output Adjustment
- (F) Receiver Sensitivity Adjustment
- (G) Carrier Sensitivity Adjustment

Required Equipment

- DC Power Supply
- Digital voltmeter
- Frequency Counter
- RF VTVM
- S.S.G.
- AF VTVM
- Oscilloscope

Flow Solder Side View

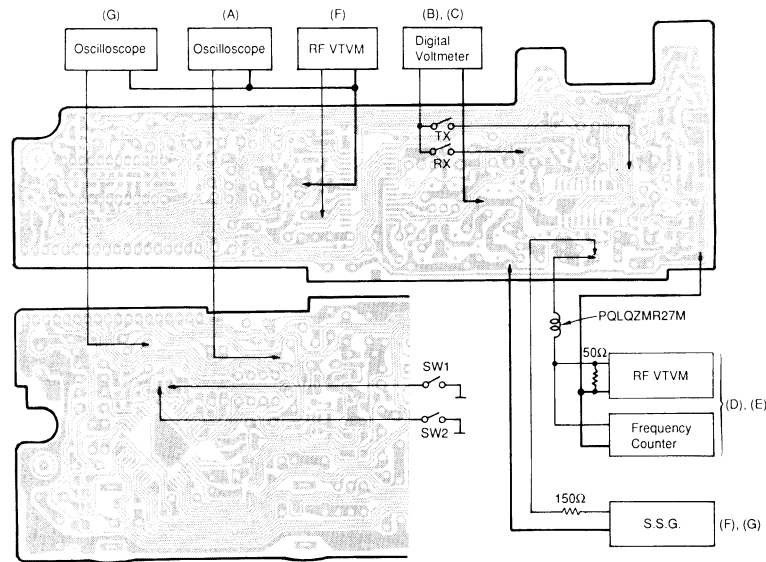


Fig. 15

	Required Equipment	Conditions	Procedure
(A)	DC Power Supply Oscilloscope	(1) Apply a DC 3.6 V to the connector CN1. (2) Set the Volume Selector to "NORMAL". (3) Set SW1 to ON (SW2 is OFF). (4) Set Power Switch to "ON". (5) Press the TALK Button (unit enters CH10).	(1) Set the DC voltage level to DC 3.57 V, and adjust VR101 so that the reading of the Digital voltmeter is $1.0\text{ V} \pm 0.3\text{ V}$ at pin 37 of IC101.
(B)	Digital Voltmeter	Same as (A)	(1) Adjust T8 so that the reading of the Digital voltmeter is $2.0\text{ V} \pm 0.2\text{ V}$.
(C)	Digital Voltmeter	Same as (A)	(1) Adjust T6 so that the reading of the Digital voltmeter is $2.1\text{ V} \pm 0.2\text{ V}$.
(D)	Frequency Counter	Same as (A)	(1) Adjust TC1 so that the reading of the frequency counter is $49.970\text{ MHz} \pm 100\text{ Hz}$ (10CH).
(E)	RF VTVM	Same as (A)	(1) Adjust T9 and T11 for maximum output on RF VTVM. (2) Adjust T11 (counterclockwise) so that the reading of RF VTVM is $250\text{ mV} \sim 400\text{ mV}$.
(F)	S.S.G. AF VTVM	Same as (A)-(1), (2) (3) Set SW2 to ON (SW1 is OFF). (4) Set Power Switch to "ON". (5) Press the TALK Button (unit enters CH5).	(1) Apply a $60\text{ dB}\mu$ output from S.S.G. (modulation frequency 1 kHz , dev, 3 kHz). (2) Adjust T7 for maximum output at the speaker output (by AF VTVM). (3) Apply a $40\text{ dB}\mu$ output from S.S.G. (unmodulated). (4) Adjust T1 , T2 , T4 and T5 (in that order) for maximum output by AF VTVM.
(G)	S.S.G. Oscilloscope	Same as (A)-(1), (2) and (F)-(3), (4)	(1) Apply a $9\text{ dB}\mu$ output from S.S.G., and adjust VR1 so that the oscilloscope is Low level.

	KX-T4300H		KX-T4300R	
	Transmit Frequency	Receive Frequency	Transmit Frequency	Receive Frequency
CH1	46.610	49.670	49.670	46.610
CH2	46.630	49.845	49.845	46.630
CH3	46.670	49.860	49.860	46.670
CH4	46.710	49.770	49.770	46.710
CH5	46.730	49.875	49.875	46.730
CH6	46.770	49.830	49.830	46.770
CH7	46.830	49.890	49.890	46.830
CH8	46.870	49.930	49.930	46.870
CH9	46.930	49.990	49.990	46.930
CH10	46.970	49.970	49.970	46.970

ACCESSORIES AND PACKING MATERIALS

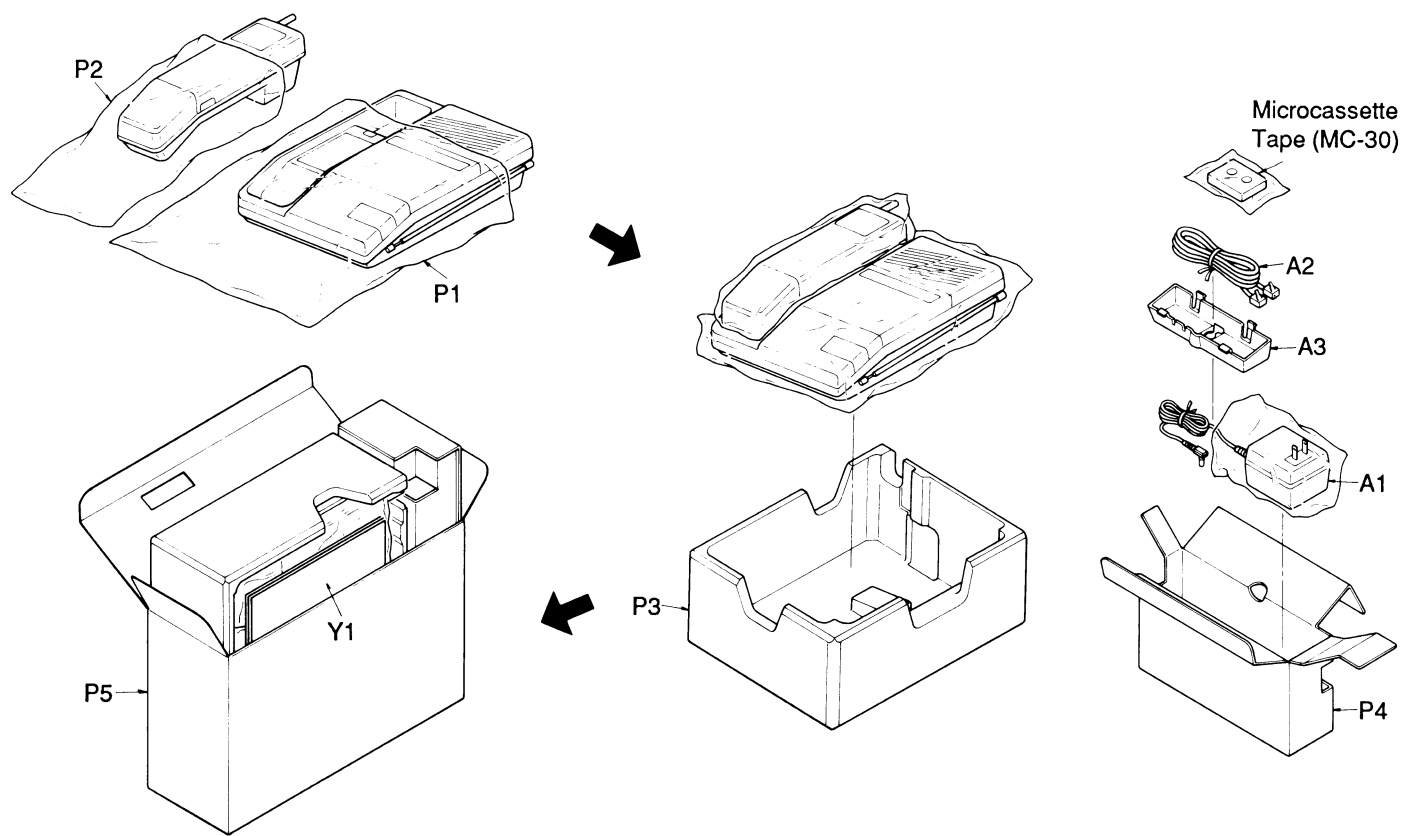


Fig. 16

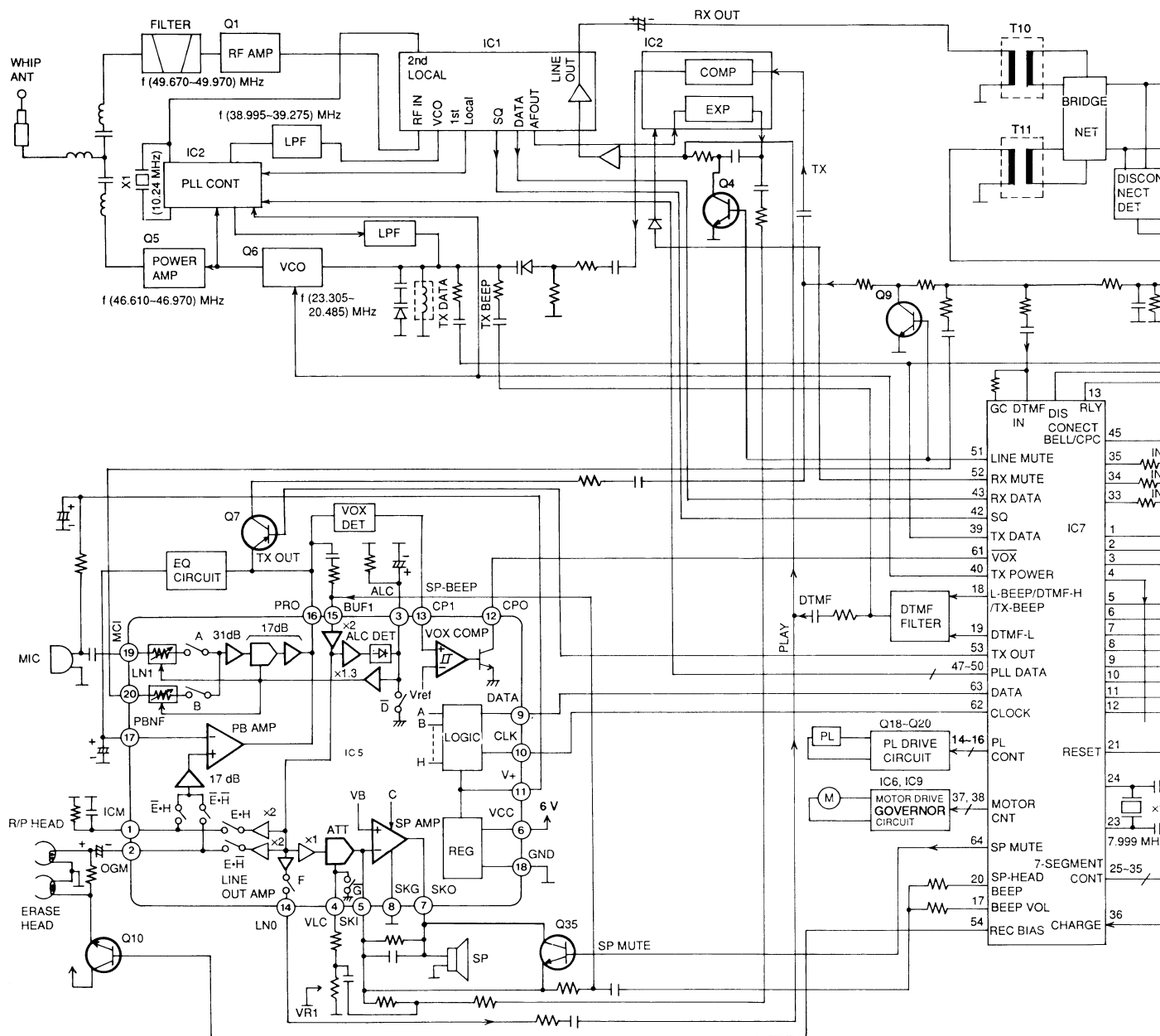


Fig. 17

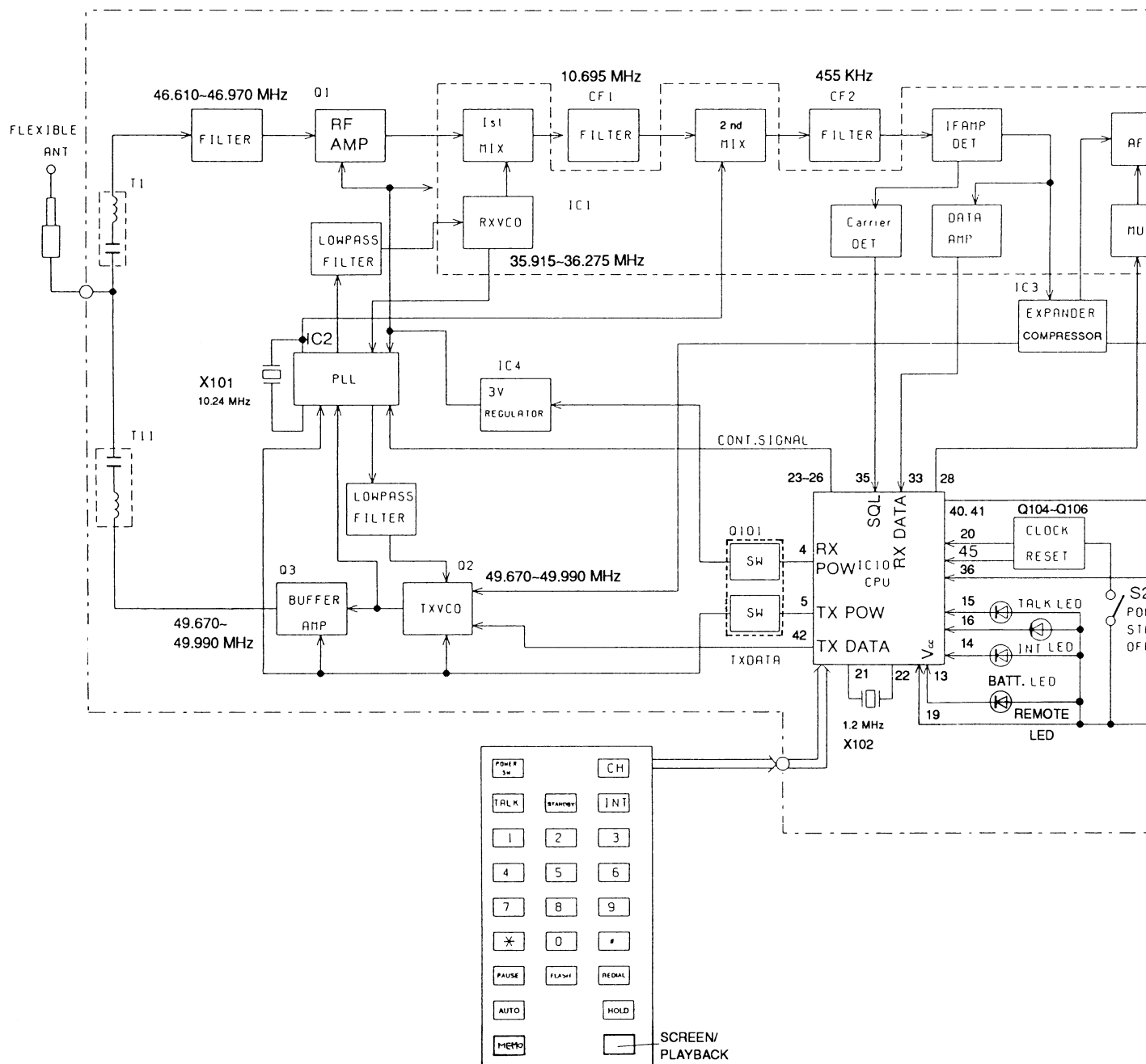


Fig. 25

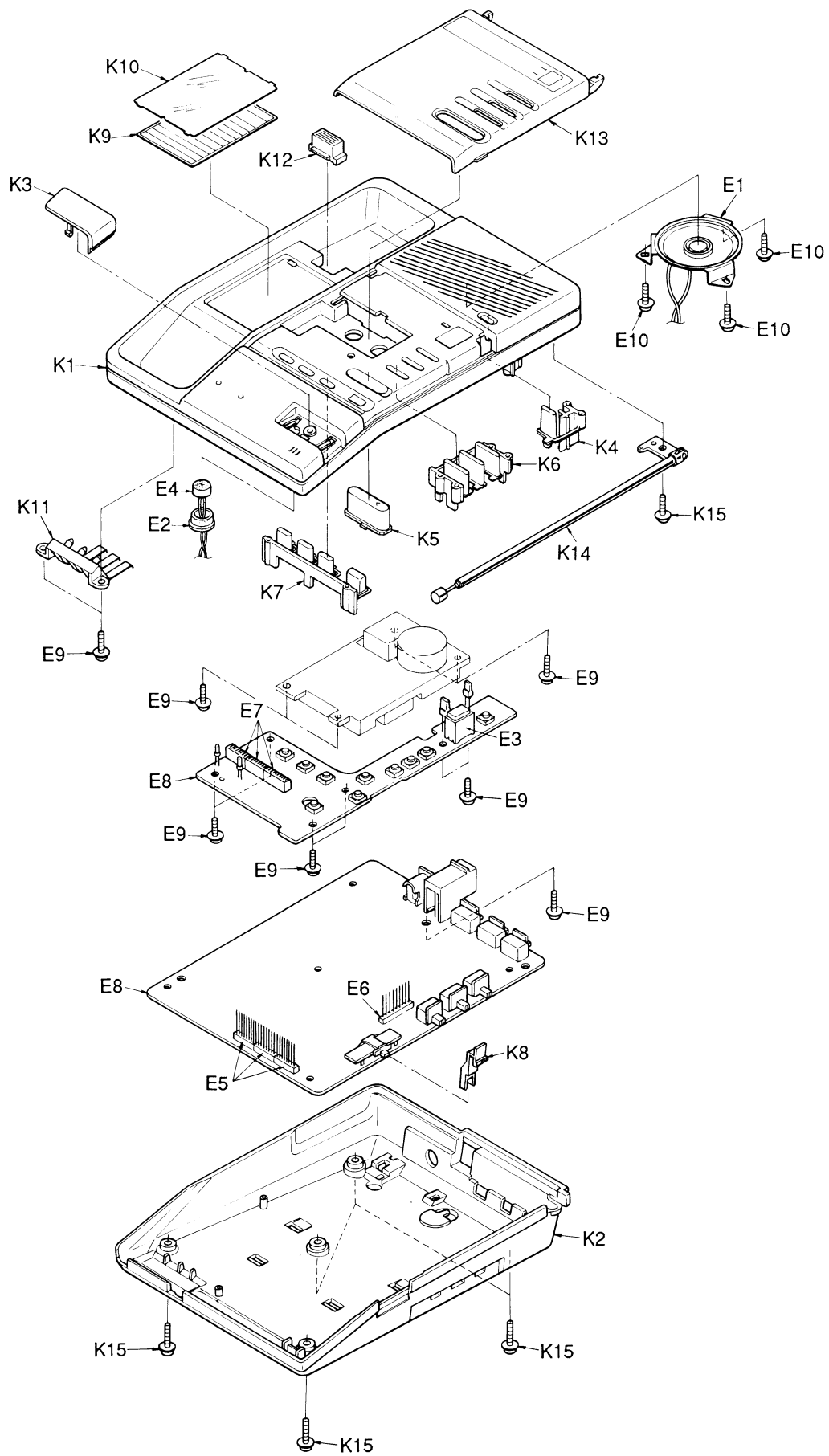


Fig. 27

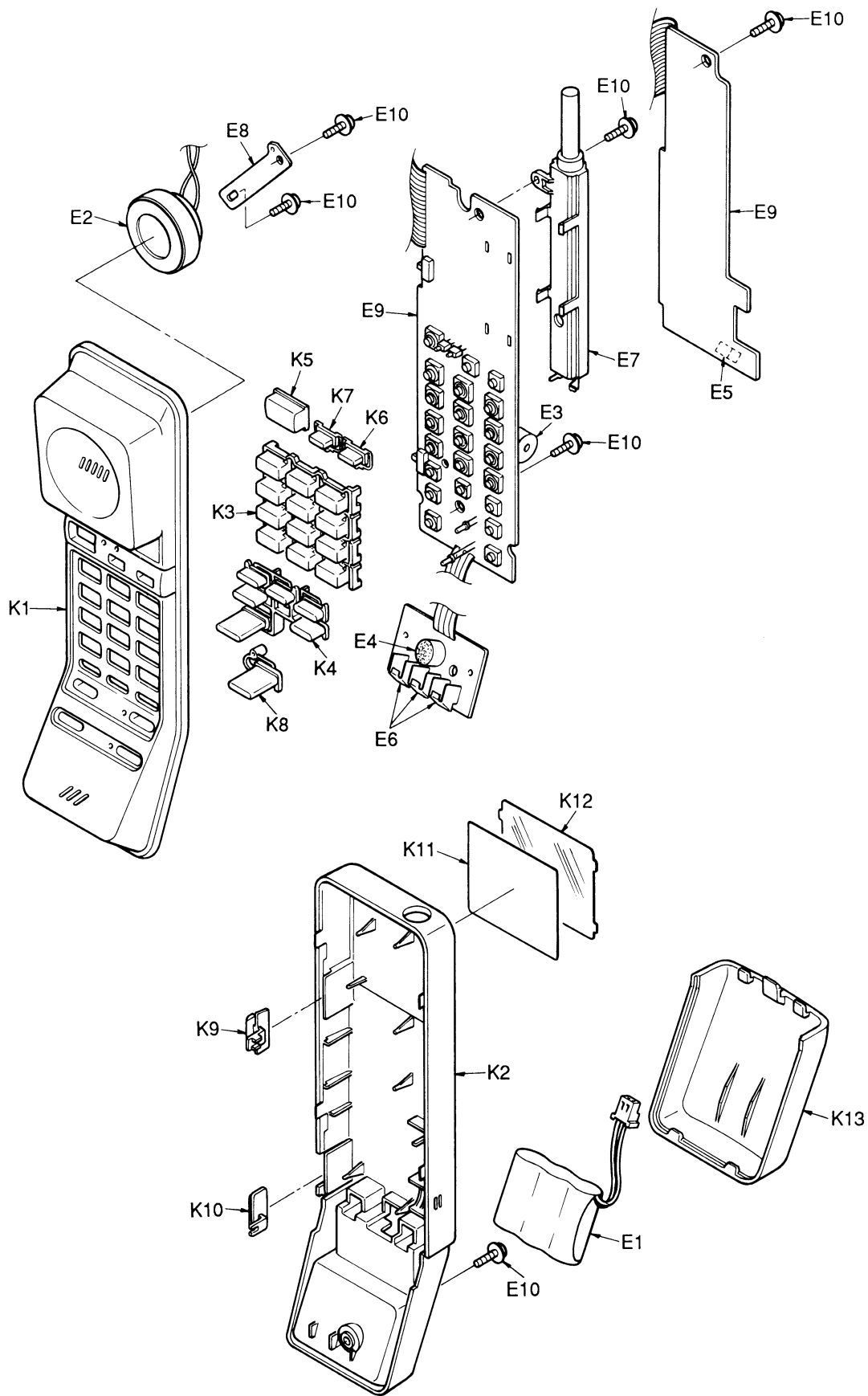


Fig. 28

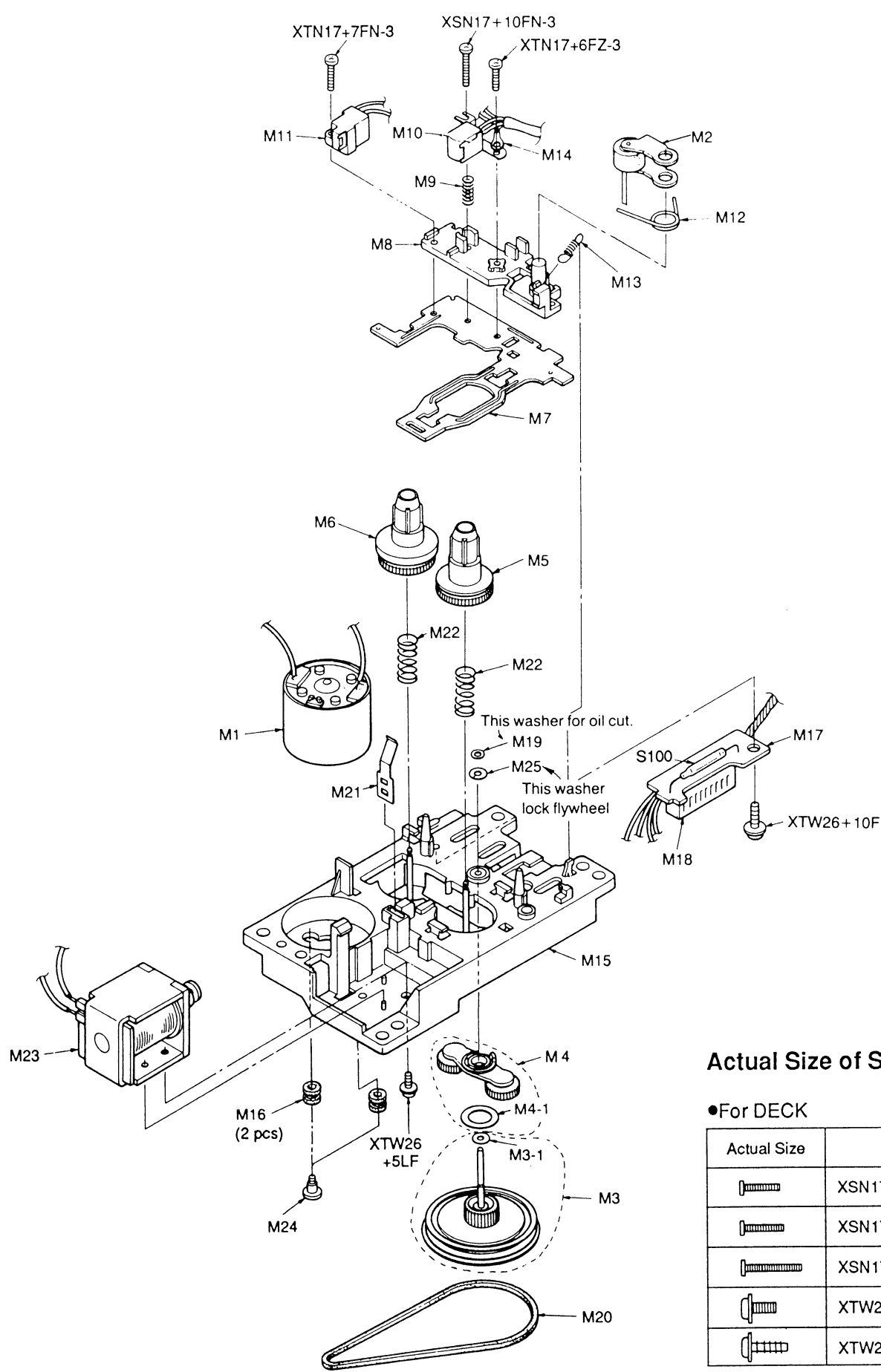







Fig. 29

Actual Size of Screws

●For DECK

Actual Size	Part No.
	XSN17+6FZ-3
	XSN17+7FN-3
	XSN17+10FN-3
	XTW26+5LF-A
	XTW26+6F

REPLACEMENT PARTS LIST

Model KX-T4300H

Notes:

1. Printed circuit board assembly with mark (NLA) is no longer available after production discontinuation of the complete set.
2. Important safety notice.
Components identified by the Δ mark special characteristics important for safety. when replacing any of these components, use only manufacture's specified parts.
3. The S mark indicates service standard parts and may differ from production parts.
4. RESISTORS & CAPACITORS
Unless otherwise specified.
All resistors are in ohms(Ω) k=1000 Ω ,M=1000k Ω
All capacitors are in MICRO FARADS(μ F) P= μ μ F
*Type &Wattage of Resistor
Type

ERC:Solid	ERX:Metal Film	PQ4R:Carbon
ERD:Carbon	ERG:Metal Oxide	ERS:Fusible Resistor
PQRD:Carbon	ER0:Metal Film	ERF:Cement Resistor

Wattage

10,16:1/8W	14,25:1/4W	12:1/2W	1:1W	2:2W	3:3W
------------	------------	---------	------	------	------

*Type & Voltage of Capacitor

Type

ECFD:Semi-Conductor	ECCE,ECKD,ECBT,PQCBC : Ceramic
EQQS:Styrol	ECQE,ECQV,ECQG : Polyster
PQCUV:Chip	ECEA,ECSZ : Electrolytic
EQCMS:Mica	ECQP : Polypropylene

Voltage

ECQ Type	ECQG ECQV Type	ECSZ Type	Others	
1H:50V	05:50V	0F:3.15V	0J :6.3V	1V :35V
2A:100V	1:100V	1A:10V	1A :10V	50,1H:50V
2E:250V	2:200V	1V:35V	1C :16V	1J :63V
2H:500V		0J:6.3V	1E,25:25V	2A :100V

Ref. No.	Part No.	Part Name & Description	Pcs
----------	----------	-------------------------	-----

INTEGRATED CIRCUITS, TRANSISTORS & DIODES

IC1	AN6169K	IC	1
IC2	PQVI371004FT	IC	1
IC3	AN6165SB	IC	1
IC5	PQVISC79100P	IC	1
IC6	PQVIBA6220	IC	1
IC7	PQVI4678A13H	IC	1
IC8	PQVILA6324N	IC	1
IC9	PQVIBA6218	IC	1
Q1	2SK544	TRANSISTOR(SI)	1
Q2	2SD1991A	TRANSISTOR(SI)	1
Q3,9,10 ,27,35	2SD1819A	TRANSISTOR(SI)	5
Q4,36,301	UN5213	TRANSISTOR(SI)	3
Q5	2SC2412K	TRANSISTOR(SI)	1
Q6	2SC2295	TRANSISTOR(SI)	1
Q7	DTA144A	TRANSISTOR(SI)	1
Q13,19 ,21,33,	2SC1740S	TRANSISTOR(SI)	Δ 4
Q18	2SA854	TRANSISTOR(SI)	1
Q20,25	2SD1994A	TRANSISTOR(SI)	2
Q22	2SA1625	TRANSISTOR(SI)	Δ 1
Q23	XN2215	TRANSISTOR(SI)	1
Q25	2SD1994A	TRANSISTOR(SI)	1
Q28	2SD2136	TRANSISTOR(SI)	1
Q29	PQVTDTC144ES	TRANSISTOR(SI)	1
Q30	XN4315	TRANSISTOR(SI)	1
Q31	2SB1218A	TRANSISTOR(SI)	1
D1	MA4056	DIODE(SI)	1
D2,4	PQVD1SV145	DIODE(SI)	2
D3,6,7 ,10,11,15 ,18,20,21 ,22,31 ,Dm,Dn ,Do,Dp ,Ds,Dt ,ID1-ID8	1SS131	DIODE(SI)	Δ 25
D13	MA4068	DIODE(SI)	1
D14	MA4091	DIODE(SI)	1

Ref. No.	Part No.	Part Name & Description	Pcs
D16	PQVDMT212A	DIODE(SI)	1
D17	MA4110	DIODE(SI)	1
D19	PQVDS1ZB40F1	DIODE(SI)	Δ 1
D30	PQVDMT23R6	DIODE(SI)	Δ 1
IND1	LN28RPL	LED	1
IND2	LN38GP	LED	1
IND3	LN224RP	LED	1
IND4	LN342GPHJF2	LED	1
IND5	PQVD7301T188	LED	1

VARIABLE RESISTORS

VR1	EWAU1ET04JV3	VOLUME CONTROL	1
VR2	EVNDXAA03B52	SEMI-FIXED, 500 Ω (B)	1

SWITCHES

SW1,3,4,5	PQSS2A27W	SWITCH, DIALING MODE,CPC SELECTOR,REMOTE CODE SELECTOR etc.	4
SW2,6	PQSS3A17W	SWITCH, RINGS SELECTOR,HAND-SET SECURITY CODE SELECTOR	2
S100	PQSE91Z	SWITCH, REED (FOR DECK)	1
SW301-310	PQSH1A43Z	SWITCH, ANSWER ON,FF,REWIND,STOP,MESSAGE PLAYBACK, MEMO RECORD,GREETING CHECK etc.	10

COILS & TRANSFORMERS

L1	PQLQZK1R0K	COIL	1
L2	PQLQZMR56K	COIL	1
L3	PQLQZM1R5K	COIL	1
L4-6	ELEPK330KA	COIL	3
L301	PQLQZM105KT	COIL	1
T1	PQLA7N2	COIL	1
T2	EIL7EL002P	COIL	1
T3	EIL7EL001P	COIL	1
T4	PQLA7A7	COIL	1
T5	RLI2B250	I.F. TRANSFORMER	1
T6	PQLA7A20	COIL	1
T7	PQLA7N1	COIL	1
T8	PQLA7A9	COIL	1
T9	PQLA7A22	COIL	1
T10,11	PQLT8F3A	COIL	Δ 2

CRYSTALS

X1	PQVCJ10240B5	CRYSTAL, 10.240MHz	1
X2	PQVCJ7952N5Z	CRYSTAL, 7.952MHz	1

OTHERS

CF1	RVFSFE107MSR	CERAMIC FILTER	1
CF2	PQVFCFW455E	CERAMIC FILTER	1
F2	PQBA1P02NMAL	FUSE	Δ 1
JJ1	PQJ2HA2Z	JACK,TEL/DC IN	1
PC1	PQVIPC814Y	PHOTO ELECTRIC TRANSDUCER	Δ 1
PC2	PQVITLP627	PHOTO ELECTRIC TRANSDUCER	Δ 1
PC3,4	PQVIPC817CD	PHOTO ELECTRIC TRANSDUCER	Δ 2
ZNR1	PQVDSV401MA	VARIATOR(SURGE ABSORBER)	Δ 1
VC1	ECRLA030E53	TRIMMER CAPACITOR	1

CASSETTE DECK PARTS

M1	PQFM9913Z	DC MOTOR	1
M2	PQFD9913Z	ROLLER	1
M3	PQFF9909Y	WHEEL	1
M3-1	PQFN35Z	WASHER	1
M4	PQFG9905Y	GEAR	1
M4-1	PQFN48Z	WASHER	1
M5	PQFR9912Z	REEL TABLE	1
M6	PQFR9914Z	REEL TABLE	1

Ref. No.	Psrt No.	Part Mame & Description	Pcs
M7	PQFD82Y	METAL PARTS	1
M8	PQFW42Z	PLASTIC PARTS	1
M9	PQFS73Z	SPRING	1
M10	PQJH1M2Y	MAGNETIC HEAD	1
M11	PQJH6M2Z	MAGNETIC HEAD	1
M12	PQFS109Z	SPRING	1
M13	PQFS110Z	SPRING	1
M14	PQFJ2Z	TERMINAL-TERMINAL PLATE	1
M15	PQFC9909W	CHASSIS	1
M16	PQFI14Z	RUBBER PARTS	2
M17	PQJP864Z	PRINTED CIRCUIT BOARD	1
M18	PQJS9B30Z	CONNECTOR	1
M19	PQFN33Z	WASHER	1
M20	PQFB12Z	ANGULAR BELT	1
M21	PQFD64Z	SPRING	1
M22	PQFS82Z	SPRING	2
M23	PQFP126Y	PLUNGER	1
M24	PQHD15Z	SCREW	2
M25	PQFN49Z	WASHER	1

CABINET PARTS

K1	PQYMT4300HM	UPPER CABINET ASS'Y	1
K2	PQYF1061Y7	LOWER CABINET ASS'Y	1
K3	PQBC299Z	BUTTON, PAGE/INT'COM	1
K4	PQBC300Z	BUTTON, ANSWER ON	1
K5	PQBC350Z	BUTTON, MESSAGE PLAYBACK	1
K6	PQBCX219Z	BUTTON, FF,REW,STOP	1
K7	PQBCX220Z	BUTTON, POWER ON/OFF,MEMO RECORD	1
K8	PQBD171Z	KNOB, VOLUME CONTROL	1
K9	PQHP5089Y	PAPER PARTS, MEMORY CARD	1
K10	PQHR5335Z	TRANSPARENT PLATE	1
K11	PQJT989Z	METAL PARTS	1
K12	PQKE49Z	HANGER	1
K13	PQYQT4300HM	CASSETTE LID ASS'Y	1
K14	XEAPQK170D	ROD ANTENNA	1
K15	XTW3+S16M	SCREW	6

ELECTRICAL PARTS

E1	POAS5P11Z	SPEAKER	1
E2	PQHG559Z	RUBBER PARTS	1
E3	PQHR9616Z	SPACER, LED	1
E4	PQJM122Z	MICROPHONE	1
E5	PQJP8G82Z	CONNECTOR (CNT2-4)	3
E6	PQJP9D56Z	CONNECTOR (CNT1)	1
E7	PQJS8X49Z	CONNECTOR (CNT301-303)	1
E8	PQWPT4300HM	P.C.BOARD ASS'Y (NLA)	1
E9	XTW3+S10P	SCREW	13
E10	XTW3+S8M	SCREW	3

Ref. No.	Part No.	Value	Ref. No.	Part No.	Value
----------	----------	-------	----------	----------	-------

RESISTORS

R1	PQ4R10XJ332	3.3K	R21	PQ4R10XJ124	120K
R2	PQ4R10XJ103	10K	R22	PQ4R10XJ682	6.8K
R4	PQ4R10XJ271	270	R23	PQ4R10XJ102	1K
R5	ERDS2TJ103	10K	R24	PQ4R10XJ102	1K
R6	PQ4R10XJ222	2.2K	R30	PQ4R10XJ222	2.2K
R7	PQ4R10XJ104	100K	R31	PQ4R10XJ103	10K
R8	PQ4R10XJ562	5.6K	R32	PQ4R10XJ103	10K
R9	PQ4R10XJ223	22K	R33	ERDS2TJ220	22
R11	PQ4R10XJ273	27K	R34	PQ4R10XJ104	100K
R12	PQ4R10XJ681	680	R35	PQ4R10XJ101	100
R13	PQ4R10XJ273	27K	R36	PQ4R10XJ103	10K
R14	PQ4R10XJ183	18K	R37	PQ4R10XJ473	47K
R15	PQ4R10XJ273	27K	R38	PQ4R10XJ273	27K
R16	PQ4R10XJ391	390	R39	ERD25TJ221	220
R17	PQ4R10XJ473	47K	R40	PQ4R10XJ104	100K
R18	PQ4R10XJ561	560	R41	PQ4R10XJ683	68K
R19	PQ4R10XJ101	100	R42	PQ4R10XJ683	68K
R20	ERD25TJ562	5.6K	R43	PQ4R10XJ473	47K

Ref. No.	Part No.	Value	Ref. No.	Part No.	Value
R44	ERD25TJ104	100K	R154	ERD25TJ223	22K
R45	PQ4R10XJ152	1.5K	R155	PQ4R10XJ103	10K
R50	PQ4R10XJ224	220K	R156	ERDS2TJ120	12
R51	PQ4R10XJ224	220K	R157	ERDS2TJ681	680
R52	PQ4R10XJ104	100K	R158	PQ4R10XJ104	100K
R53	PQ4R10XJ104	100K	R159	PQ4R10XJ104	100K
R54	PQ4R10XJ564	560K	R160	PQ4R10XJ220	22
R56	PQ4R10XJ153	15K	R161	PQ4R10XJ223	22K
R57	PQ4R10XJ333	33K	R162	PQ4R10XJ223	22K
R58	PQ4R10XJ563	56K	R163	PQ4R10XJ473	47K
R59	PQ4R10XJ123	12K	R164	PQ4R10XJ333	33K
R60	PQ4R10XJ273	27K	R165	PQ4R10XJ103	10K
R61	PQ4R10XJ153	15K	R166	PQ4R10XJ102	1K
R62	PQ4R10XJ153	15K	R168	PQ4R10XJ334	330K
R63	PQ4R10XJ103	10K	R169	PQ4R10XJ334	330K
R64	PQ4R10XJ123	12K	R170	PQ4R10XJ334	330K
R65	PQ4R10XJ333	33K	R171	PQ4R10XJ104	100K
R66	PQ4R10XJ333	33K	R172	PQ4R10XJ104	100K
R67	PQ4R10XJ333	33K	R173	PQ4R10XJ104	100K
R68	PQ4R10XJ681	680	R174	PQ4R10XJ334	330K
R70	ERD25TJ100	10	R175	PQ4R10XJ104	100K
R71	PQ4R10XJ124	120K	R176	PQ4R10XJ104	100K
R72	PQ4R10XJ822	8.2K	R177	PQ4R10XJ104	100K
R73	PQ4R10XJ224	220K	R178	PQ4R10XJ333	33K
R74	PQ4R10XJ472	4.7K	R179	PQ4R10XJ273	27K
R75	PQ4R10XJ822	8.2K	R180	PQ4R10XJ333	33K
R78	PQ4R10XJ472	4.7K	R181	PQ4R10XJ104	100K
R79	PQ4R10XJ681	680	R182	PQ4R10XJ104	100K
R100	PQ4R10XJ333	33K	R183	PQ4R10XJ104	100K
R101	ERDS2TJ102	1K	R184	PQ4R10XJ121	120
R102	PQ4R10XJ682	6.8K	R185	PQ4R10XJ121	120
R103	PQ4R10XJ122	1.2K	R186	ERD25TJ223	22K
R104	PQ4R10XJ221	220	R187	PQ4R10XJ222	2.2K
R105	PQ4R10XJ223	22K	R188	ERD25TJ223	22K
R106	PQ4R10XJ334	330K	R189	PQ4R10XJ392	3.9K
R107	PQ4R10XJ123	12K	R190	PQ4R10XJ471	470
R108	ERDS2TJ334	330K	R191	PQ4R10XJ181	180
R109	PQ4R10XJ752	7.5K	R192	ERDS2TJ560	56
R111	PQ4R10XJ824	820K	R193	PQ4R10XJ101	100
R112	PQ4R10XJ823	82K	R194	PQ4R10XJ154	150K
R113	PQ4R10XJ334	330K	R195	PQ4R10XJ682	6.8K
R114	PQ4R10XJ392	3.9K	R196	PQ4R10XJ682	6.8K
R115	PQ4R10XJ683	68K	R197	PQ4R10XJ333	33K
R116	ERDS2TJ273	27K	R198	PQ4R10XJ104	100K
R117	PQ4R10XJ563	56K	R199	ERDS2TJ472	4.7K
R118	PQ4R10XJ223	22K	R200	PQ4R10XJ222	2.2K
R119	PQ4R10XJ273	27K	R203	PQ4R10XJ221	220
R120	PQ4R10XJ334	330K	R210	PQ4R10XJ274	270K
R121	PQ4R10XJ101	100	R211	PQ4R10XJ683	68K
R122	PQ4R10XJ103	10K	R212	PQ4R10XJ103	10K
R124	PQ4R10XJ185	1.8M	R213	PQ4R10XJ102	1K
R125	PQ4R10XJ683	68K	R215	PQ4R10XJ122	1.2K
R126	ERDS2TJ472	4.7K	R216	PQ4R10XJ2R2	2.2
R128	PQ4R10XJ563	56K	R217	ERDS1V221	220
R129	PQ4R10XJ273	27K	R218	ERDS2TJ332	3.3K
R130	PQ4R10XJ273	27K	R220	ERDS2TJ471	470
R132	ERDS2TJ474	470K	R221	ERDS2TJ181	180
R133	ERD25TJ224	220K	R222	ERDS2TJ104	100K
R134	PQ4R10XJ473	47K	R224	PQ4R10XJ103	10K
R136	PQ4R10XJ104	100K	R225	PQ4R10XJ103	10K
R137	PQ4R10XJ103	10K	R229	ERDS2TJ473	47K
R138	PQ4R10XJ103	10K	R250	ERDS2TJ153	15K
R139	PQ4R10XJ681	680	R251	ERDS2TJ153	15K
R140	PQ4R10XJ221	220	R301	ERD25TJ392	3.9K
R141	ERD25TJ151	150	R302	ERD25TJ331	330
R142	PQ4R10XJ223	22K	R303	ERDS2TJ122	1.2K
R145	ERDS2TJ102	1K	R304	ERDS2TJ181	180
R146	ERDS2TJ102	1K	R305	ERDS2TJ561	560
R147	ERD25TJ102	1K	R306	ERDS2TJ561	560
R148	ERD25TJ102	1K	R307	ERDS2TJ561	560
R150	PQ4R10XJ105	1M	R308	ERDS2TJ561	560
R151	PQ4R10XJ473	47K	R309	ERDS2TJ561	560
R152	PQ4R10XJ471	470	R310	ERDS2TJ561	560
R153	ERD25TJ563	56K	R311	ERDS2TJ561	560

Ref. No.	Part No.	Value	Ref. No.	Part No.	Value
CAPACITORS					
C2	PQCUV1H103KB	0.01	C107	PQCUV1H103KB	0.01
C3	PQCUV1H030CC	3P	C108	PQCUV1H562KB	0.0056
C4	PQCUV1H100DC	10P	C109	ECEA1CKS100	10
C5	PQCUV1H150JC	15P	C110	PQCUV1E104MD	0.1
C7	PQCUV1H103KB	0.01	C111	ECEA1AKS330	33
C8	PQCUV1H103KB	0.01	C112	PQCUV1H102J	0.001
C9	PQCUV1H103KB	0.01	C113	ECEA1CK101	100
C10	PQCUV1H103KB	0.01	C114	ECEA1HKS0R1	0.1
C11	ECEA1EK470	47	C115	PQCUV1H471JC	470P
C12	PQCUV1H103KB	0.01	C116	PQCUV1H473MD	0.47
C15	ECEA1HU3R3	3.3	C117	ECEA1HKS0R1	0.1
C16	PQCUV1H473MD	0.047	C118	PQCUV1H153KB	0.015
C17	PQCUV1H223KB	0.022	C120	PQCUV1H473MD	0.047
C18	PQCUV1H103KB	0.01	C124	PQCUV1H103KB	0.01
C19	PQCUV1C683MD	0.068	C125	PQCUV1E104MD	0.1
C22	PQCUV1H102J	0.001	C126	PQCUV1H153KB	0.015
C23	PQCUV1H102J	0.001	C127	PQCUV1E104MD	0.1
C24	PQCUV1C224ZF	0.22	C128	PQCUV1H103KB	0.01
C25	PQCUV1C683MD	0.068	C129	ECEA0JKA331	330
C26	PQCUV1E104MD	0.1	C130	PQCUV1H103KB	0.01
C27	PQCUV1E104MD	0.1	C131	PQCUV1E104MD	0.1
C28	ECEA1HU010	1	C132	ECEA1HKS3R3	3.3
C29	ECEA1EU4R7	4.7	C133	PQCUV1E104MD	0.1
C30	PQCUV1E104MD	0.1	C134	PQCUV1E153KB	0.015
C31	ECEA1CKS100	10	C140	PQCUV1H103KB	0.01
C33	PQCUV1H470JC	47P	C141	PQCUV1H103KB	0.01
C34	ECEA1EU4R7	4.7	C142	PQCUV1H103KB	0.01
C40	PQCUV1H103KB	0.01	C143	ECEA0JK221	220
C41	PQCUV1H103KB	0.01	C144	ECEA1CKS470	47
C43	PQCUV1H070DC	7P	C145	PQCUV1H103KB	0.01
C44	PQCB1H390JL	39P	C146	PQCUV1H220JC	22P
C45	PQCUV1H473MD	0.047	C147	PQCUV1H220JC	22P
C46	PQCUV1H103KB	0.01	C148	PQCUV1E104MD	0.1
C47	PQCUV1H470JC	47P	C149	PQCUV1E104MD	0.1
C48	PQCUV1H680JC	68P	C150	PQCUV1E104MD	0.1
C49	ECEA1HU010	1	C151	PQCUV1H332KB	0.0033
C50	PQCUV1H330JC	33P	C152	PQCUV1H152KB	0.0015
C51	PQCUV1H100DC	10P	C153	PQCUV1H103KB	0.01
C52	PQCUV1H180JC	18P	C154	PQCUV1H470JC	47P
C53	PQCUV1H2R5C	2.5	C156	PQCUV1H182KB	0.0018
C54	PQCUV1H681JC	680P	C157	PQCUV1H331JC	330P
C55	ECFD1E103KD	0.01	C158	PQCUV1H103KB	0.01
C59	PQCUV1H681JC	680P	C159	PQCUV1H392KB	0.0039
C60	ECEA1HU220	22	C160	PQCUV1H821JC	820P
C62	PQCUV1E104MD	0.1	C161	PQCUV1H682KB	0.0068
C64	PQCUV1H223KB	0.022	C162	PQCUV1H221JC	220P
C65	PQCUV1E104MD	0.1	C163	ECEA1HU100	10
C66	ECEA1EU4R7	4.7	C164	PQCUV1E104MD	0.1
C67	ECEA1HU100	10	C180	PQCUV1E104MD	0.1 ▲
C68	PQCUV1H221JC	220P	C181	PQCUV1H223KB	0.022 ▲
C69	PQCUV1E104MD	0.1	C182	ECEA1CU221	220 ▲
C70	PQCUV1H223KB	0.022	C183	PQCUV1H103KB	0.01 ▲
C71	ECEA1HKS4R7	4.7	C186	PQCUV1H103KB	0.01 ▲
C72	PQCUV1H153KB	0.015	C187	ECEA1HU2R2	2.2 ▲
C73	PQCUV1H682KB	0.0068	C189	ECKD2H681KB	680P ▲
C74	PQCUV1E104MD	0.1	C190	ECKD2H681KB	680P ▲
C75	ECEA1CKS100	10	C192	ECQE2224KF	0.22 ▲
C76	PQCUV1H223KB	0.022	C200	ECEA1CKS100	10
C77	PQCUV1H153KB	0.015	C202	ECEA1CKS220	22
C78	PQCUV1H820JC	82P	C203	ECEA1AU221	220
C79	ECEA1CKS100	10	C204	ECEA1AU102	1000
C80	PQCUV1H272KB	0.0027	C205	PQCUV1H103KB	0.01
C81	PQCUV1H271JC	270P	C206	PQCUV1H103KB	0.01
C83	ECEA1CKS100	10	C207	ECFD1E103KD	0.01
C84	PQCUV1H103KB	0.01	C208	PQCUV1H103KB	0.01
C85	ECEA1CKS100	10	C210	ECEA0JM222	2200
C93	PQCUV1E104MD	0.1	C211	ECEA0JU102	1000
			C251	ECEA1AU221	220
C100	PQCUV1H103KB	0.01	C254	PQCUV1H103KB	0.01
C101	PQCUV1H473MD	0.047	C255	PQCB1C103MY	0.01
C102	ECEA1CKS100	10	C301	PQCB1C103MY	0.01
C103	ECEA1HKS4R7	0.47	C302	PQCB1C103MY	0.01
C104	ECEA1CK101	100			
C105	PQCUV1H681JC	680P	C401	PQCUV1H105JC	1
C106	PQCUV1H153KB	0.015			

REPLACEMENT PARTS LIST

Model KX-T4300R

Notes:

1. Printed circuit board assembly with mark (NLA) is no longer available after production discontinuation of the complete set.
2. Important safety notice.
Components identified by the Δ mark special characteristics important for safety. when replacing any of these components, use only manufacture's specified parts.
3. The S mark indicates service standard parts and may differ from production parts.
4. RESISTORS & CAPACITORS

Unless otherwise specified.

All resistors are in ohms(Ω) k=1000 Ω ,M=1000k Ω

All capacitors are in MICRO FARADS(μ F) P= $\mu\mu$ F

*Type &Wattage of Resistor

Type

ERC:Solid	ERX:Metal Film	PQ4R:Carbon
ERD:Carbon	ERG:Metal Oxide	ERS:Fusible Resistor
PORD:Carbon	ER0:Metal Film	ERF:Cement Resistor

Wattage

10,16:1/8W	14,25:1/4W	12:1/2W	1:1W	2:2W	3:3W
------------	------------	---------	------	------	------

*Type & Voltage of Capacitor

Type

ECFD:Semi-Conductor	ECCD,ECKD,ECBT,PQCBC : Ceramic
ECQS:Styrol	ECQE,ECQV,ECQG : Polyester
POCUV:Chip	ECEA,ECSZ : Electrolytic
ECQMS:Mica	ECQP : Polypropylene

Voltage

ECQ Type	ECQG ECQV Type	ECSZ Type	Others	
1H:50V	05:50V	0F:3.15V	0J :6.3V	1V :35V
2A:100V	1:100V	1A:10V	1A :10V	50,1H:50V
2E:250V	2:200V	1V:35V	1C :16V	1J :63V
2H:500V		0J:6.3V	1E,25:25V	2A :100V

Ref. No.	Part No.	Part Name & Description	Pcs
INTEGRATED CIRCUITS, TRANSISTORS & DIODES			
IC1	AN6168SC	IC	1
IC2	PQVISM5131DS	IC	1
IC3	AN6165K	IC	1
IC4	PQVIN7201U30	IC	1
IC101	PQVI004G695	IC	1
Q1	2SK543	TRANSISTOR(SI)	1
Q2,3	2SC2295	TRANSISTOR(SI)	2
Q101	XN4116	TRANSISTOR(SI)	1
Q103	2SB709A	TRANSISTOR(SI)	1
Q104	XN4501	TRANSISTOR(SI)	1
Q105	2SB1218A	TRANSISTOR(SI)	1
Q106	UN5113	TRANSISTOR(SI)	1
Q201	2SD601R	TRANSISTOR(SI)	1
Q300	2SD1819A	TRANSISTOR(SI)	1
D1	PQVD1SV145	DIODE(SI)	1
D101	MA700A	DIODE(SI)	1
D106,107	LN330GPX	LED	2
D108,109	LN28RPH	LED	2
D112	MA110	DIODE(SI)	1
D201,202	MA4068	DIODE(SI)	2
D203	1SS131	DIODE(SI)	1
CRYSTALS			
X101	PQVCJ10240C5	CRYSTAL, 10.240MHz	1
X102	PQVBB120J1	CRYSTAL	1
X103	PQVCL3276N9Z	CRYSTAL, 3.276MHz	1

Ref. No.	Part No.	Part Name & Description	Pcs
VARIABLE RESISTORS			
VR1	EVNDXAA03B35	SEMI-FIXED, 300K Ω (B)	1
VR101	EVNDXAA03B25	SEMI-FIXED, 200K Ω (B)	1
COILS			
L4	PQLQZMR27M	COIL	1
L101	PQLQZM100K	COIL	1
T1,11	PQLA7N1	COIL	2
T2	EIL7EL003P	COIL	1
T3	EIL7EL004P	COIL	1
T4	EIL7EL005P	COIL	1
T5	PQLA7A9	COIL	1
T6	EIC7EL003A	COIL	1
T7	PQLI2B201	I.F. TRANS	1
T8	PQLA7A10	COIL	1
T9	PQLA7A7	COIL	1
SWITCHES			
S1,2	ESD11H120	SWITCH, VOLUME SELECTOR ,POWER	2
S101-113	PQSH1A43Z	SWITCH, TALK,12KEY	13
S121,122	EVQ12405K	SWITCH, INT'COMPAGE,CHANNEL	2
S123	EVQPJH05K	SWITCH, PAUSE	1
S124 -129	EVQ12405K	SWITCH, FLASH,REDIAL AUTO ,PROGRAM etc.	6
OTHERS			
CF1	RVFSFE107MSR	CERAMIC FILTER	1
CF2	PQVFCFW455E	CERAMIC FILTER	1
TC1	ECRLA030E53	TRIMMER CAPACITOR	1
CABINET PARTS			
K1	PQYMT4300RM	FRONT CABINET ASSY	1
K2	PQKF200Z8	CABINET COVER	1
K3	PQBCX190Z1	BUTTON, 12KEY	1
K4	PQBCX221Z	BUTTON, PAUSE,FLASH,REDIAL ,AUTO,PROGRAM etc.	1
K5	PQBC302Z	BUTTON, TALK	1
K6	PQBC303Z	BUTTON, CHANNEL	1
K7	PQBC303Z1	BUTTON, INT'COMPAGE	1
K8	PQBC304Z	BUTTON, SCREEN/PLAYBACK	1
K9	PQBD149Y	KNOB, VOLUME SELECTOR	1
K10	PQBD172Z	KNOB, POWER	1
K11	PQHP5149Z	PAPER PARTS, MEMORY CARD	1
K12	PQHR5291Z	TRANSPARENT PLATE	1
K13	PQKK61Z8	BATTERY COVER	1
ELECTRICAL PARTS			
E1	KX-A36A	RECHARGEABLE BATTERY	1
E2	PQAX3P07Z	SPEAKER	1
E3	PQEFBQMB111M	BUZZER	1
E4	PQJM124Z	MICROPHONE	1
E5	PQJP2D59Z	CONNECTOR	1
E6	PQJT3119X	METAL PARTS (CN102,103,104)	3
E7	PQSA807Z	RETRACTABLE RUBBER ANTENNA	1
E8	PQUL145Z	METAL PARTS	1
E9	PQWPT4300RM	P.C.BOARD ASSY (NLA)	1
E10	XTW26+10E	SCREW	6

Ref. No.	Part No.	Value	Ref. No.	Part No.	Value
RESISTORS					
R2	ERJ3GEYJ331	330	R57	ERJ3GEYJ223	22K
R3	ERJ3GEYJ470	47			
R4	ERJ3GEYJ562	56K	R100	ERDS2TJ223	22K
R5	ERJ3GEYJ152	1.5K	R101	ERDS2TJ104	100K
R6	ERJ3GEYJ153	15K	R102	ERDS2TJ104	100K
R7	ERDS2TJ152	1.5K	R103	ERDS2TJ104	100K
R8	ERJ3GEYJ224	220K	R104	ERDS2TJ104	100K
R9	ERJ3GEYJ102	1K	R105	ERD25TJ104	100K
R13	ERJ3GEYJ103	10K	R106	PQ4R10XJ104	100K
R14	ERJ3GEYJ223	22K	R109	ERDS2TJ220	22
R15	ERJ3GEYJ102	1K	R110	ERDS2TJ331	330
R16	ERJ3GEYJ104	100K	R112	PQ4R10XJ220	22
R17	ERJ3GEYJ273	27K	R113	PQ4R10XJ681	680
R18	ERJ3GEYJ393	39K	R114	PQ4R10XJ681	680
R19	ERJ3GEYJ224	220K	R115	ERDS2TJ152	1.5K
R21	ERJ3GEYJ474	470K	R116	ERDS2TJ152	1.5K
R22	ERJ3GEYJ103	10K	R122	PQ4R10XJ105	1M
R23	ERJ3GEYJ183	18K	R124	ERJ3GEYJ104	100K
R24	ERJ3GEYJ473	47K	R131	ERDS2TJ104	100K
R26	ERJ3GEYJ223	22K	R136	PQ4R10XJ104	100K
R27	ERJ3GEYJ332	3.3K	R150	ERDS2TJ104	100K
R29	ERJ3GEYJ823	82K	R151	ERJ3GEYJ104	100K
R30	ERJ3GEYJ104	100K	R152	ERJ3GEYJ104	100K
R33	ERJ3GEYJ152	1.5K	R154	ERJ3GEYJ104	100K
R34	ERJ3GEYJ822	8.2K	R155	ERJ3GEYJ104	100K
R36	ERJ3GEYJ333	33K	R156	ERJ3GEYJ154	150K
R37	ERJ3GEYJ333	33K	R157	ERJ3GEYJ474	470K
R38	ERJ3GEYJ153	15K	R158	PQ4R10XJ106	10M
R39	ERJ3GEYJ153	15K	R159	ERJ3GEYJ105	1M
R40	ERJ3GEYJ103	10K	R160	ERJ3GEYJ105	1M
R41	ERJ3GEYJ563	56K	R161	ERJ3GEYJ105	1M
R42	ERJ3GERJ224	220K	R163	ERJ3GEYJ103	10K
R43	ERDS2TJ154	150K	R164	ERJ3GEYJ104	100K
R45	ERJ3GEYJ182	1.8K	R165	ERJ3GEYJ154	150K
R46	ERJ3GEYJ104	100K	R201	ERDS2TJ332	3.3K
R47	ERJ3GEYJ223	22K	R300	ERJ3GEYJ104	100K
R49	ERJ3GEYJ223	22K	R301	ERJ3GEYJ104	100K
R50	ERJ3GEYJ102	1K	R302	ERJ3GEYJ105	1M
R51	ERJ3GEYJ331	330	R303	ERJ3GEYJ104	100K
R52	ERJ3GEYJ393	39K	R304	ERJ3GEYJ684	680K

CAPACITORS

C1	ECUV1H040CCV	4P	C39	ECUV1H223KBV	0.022
C2	ECUV1H103KBV	0.01	C40	ECUV1H331JCV	330P
C3	ECUV1H103KBV	0.01	C41	ECUV1H332KBV	0.003
C5	ECUV1H223KBV	0.022	C42	ECUV1H104ZFBV	0.1
C6	PQCUV1E224ZF	0.22	C43	ECUV1H104ZFBV	0.1
C7	ECUV1H104ZFBV	0.1	C44	ECUV1H104ZFBV	0.1
C9	ECUV1H060DCV	6P	C46	ECUV1H103KBV	0.01
C10	ECUV1H030DCV	3P	C48	ECUV1H180JCV	18P
C11	PQCBC1H150JC	15P	C49	ECUV1H150JCV	15P
C12	ECUV1H103KBV	0.01	C50	ECUV1H223KBV	0.022
C13	ECEA0GKS470	47	C51	ECUV1H330JCV	33P
C14	ECUV1H103KBV	0.01	C52	ECUV1H680JCV	68P
C15	ECUV1H472KBV	0.0047	C53	ECUV1H470JCV	47P
C16	ECUV1H103KBV	0.01	C54	ECUV1H330JCV	33P
C17	ECUV1H473MDV	0.047	C55	ECUV1H103KBV	0.01
C18	ECUV1H103KBV	0.01	C61	ECUV1H070DCV	7P
C19	ECUV1H103KBV	0.01	C62	ECUV1H471JCV	470P
C20	ECUV1H103KBV	0.01	C64	ECUV1H103KBV	0.01
C21	ECUV1H104ZFBV	0.1	C65	ECUV1H680JCV	68P
C22	ECUV1H104ZFBV	0.1	C66	ECUV1H101JCV	100P
C23	ECUV1H102KBV	0.001	C68	ECUV1H390JCV	39P
C25	ECUV1H223KBV	0.022			
C26	ECEA0GKS101	100	C101	PQCBC1C103MY	0.01
C31	ECUV1H104ZFBV	0.1	C102	ECEA0GKS221	220
C32	ECEA1VKS4R7	4.7	C103	PQCUV1H101JC	100P
C33	ECEA1CKS100	10	C104	PQCUV1H101JC	100P
C34	ECUV1H471JCV	470P	C105	ECUV1H104ZFBV	0.1
C35	ECEA0JKS220	22	C106	PQCUV1H180JC	18P
C36	ECUV1H332KBV	0.0033	C107	PQCUV1H180JC	18P
C37	ECEA1CKS100	10	C108	PQCUV1H102J	0.001
C38	ECEA1VKS4R7	4.7	C109	ECEA0JKS470	47

Ref. No.	Part No.	Value	Ref. No.	Part No.	Value
C122	PQCUV1H104ZF	0.1	C302	ECUV1H104ZFBV	0.1
C123	PQCUV1H104ZF	0.1	C303	ECUV1H103KBV	0.01
C124	PQCUV1H103KB	0.01	C304	ECUV1H104ZFBV	0.1
C202	PQCUV1H103KB	0.01	C305	ECUV1H473MDV	0.047
C300	ECUV1H103KBV	0.01	C306	PQCUV1E224ZF	0.22
C301	ECUV1H103KBV	0.01			

KX-T4300

Ref. No.	Part No.	Part Name and Description	Pcs
ACCESSORIES			
A1	KX-A11A	AC ADAPTOR	1
A2	PQJA102Z	TELEPHONE CORD	1
A3	PQKL28Z	WALL MOUNT BRACKET	1
PACKING MATERIALS			
P1	PQPH89Y	PROTECTION COVER	1
P2	PQPP94W	PROTECTION COVER	1
P3	PQPN1229Z	PAD	1
P4	PQPN1230Z	ACCESSORY BOX	1
P5	PQPK1419Z	GIFT BOX	1
PRINTED MATERIAL			
Y1	PQX6441Z	INSTRUCTION BOOK	1