

Service Manual

WIRELESS PHONE WITH
ANSWERING SYSTEM

and Technical Guide

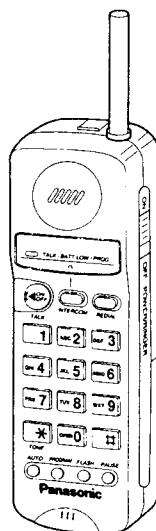
Telephone Equipment

KX-T9550-B

(for U.S.A.)



(Model KX-T9550H-B)



(Model KX-T9550R-B)

SPECIFICATIONS/ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

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ADJUSTMENTS (KX-T9550R-B)/РЕГУЛИРОВКИ (KX-T9550R-B)

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(ВЫСОКОЧАСТОТНЫЙ БЛОК)

SCHEMATIC DIAGRAM (KX-T9550H-B)/ПРИНЦИПИАЛЬНАЯ СХЕМА (KX-T9550H-B)

SCHEMATIC DIAGRAM (KX-T9550R-B)/ПРИНЦИПИАЛЬНАЯ СХЕМА (KX-T9550R-B)

SCHEMATIC DIAGRAM (KX-T9550R-B) (RF UNIT)/ПРИНЦИПИАЛЬНАЯ СХЕМА (KX-T9550R-B)

(ВЫСОКОЧАСТОТНЫЙ БЛОК)

BLOCK DIAGRAMS (KX-T9550H-B)/БЛОК-СХЕМЫ (KX-T9550H-B)

BLOCK DIAGRAMS (KX-T9550R-B)/БЛОК-СХЕМЫ (KX-T9550R-B)

**CABINET AND ELECTRICAL PARTS LOCATION (KX-T9550H-B)/РАСПОЛОЖЕНИЕ ЧАСТЕЙ КОРПУСА И
ЭЛЕКТРИЧЕСКИХ ЧАСТЕЙ (KX-T9550H-B)**

**CABINET AND ELECTRICAL PARTS LOCATION (KX-T9550R-B)/РАСПОЛОЖЕНИЕ ЧАСТЕЙ КОРПУСА И
ЭЛЕКТРИЧЕСКИХ ЧАСТЕЙ (KX-T9550R-B)**

ACCESSORIES AND PACKING MATERIALS/ПРИНАДЛЕЖНОСТИ И УПАКОВОЧНЫЕ МАТЕРИАЛЫ

FIXTURES AND TOOLS/ПРИСПОСОБЛЕНИЯ И ИНСТРУМЕНТЫ

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REPLACEMENT PARTS LIST (KX-T9550R-B)/СПИСОК ЗАПАСНЫХ ЧАСТЕЙ (KX-T9550R-B)

Panasonic

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■ SPECIFICATIONS

	Base Unit (KX-T9550H-B)	Portable Unit (KX-T9550R-B)
Power Source:	AC Adaptor (KX-A11-6)	Rechargeable Ni - Cd battery
Receiving Frequency:	60 channels within 926.1~927.6 MHz	60 channels within 902.1~903.6 MHz
Receiving Method:	Double super heterodyne	Double super heterodyne
Transmitting Frequency:	60 channels within 902.1~903.6 MHz	60 channels within 926.1~927.6 MHz
Oscillation Method:	PLL synthesizer	PLL synthesizer
Detecting Method:	Quadrature Discriminator	Quadrature Discriminator
Tolerance of OSC Frequency:	±3.6 kHz	±3.6 kHz
Modulation Method:	F3 (frequency modulation)	F3 (frequency modulation)
ID Code:	20-bit	20-bit
Greeting and Incoming Message:	Full digital recording, Total recording time is 15 minutes	
Dial Mode:		Tone (DTMF)/Pulse
Redial:		Up to 30 digits
Save:		Up to 30 digits
Power Consumption:		7 days at Standby, 4 hours at Talk
Dimension (H×W×D):	2 ³ / ₁₆ "×6 ⁵ / ₁₆ "×7 ¹³ / ₃₂ " (56×176×188 mm)	7 ⁷ / ₈ "×2 ⁵ / ₃₂ "×1 ¹³ / ₃₂ " (200×55×36 mm)
Weight	1.21 lbs. (550g) with battery	0.51 lbs. (230g) with battery

Design and specifications are subject to change without notice.

ADJUSTMENTS (KX-T9550H-B)

After servicing the RF unit, never make adjustments without assembling the upper RF unit cover and the lower RF unit cover with solder.

Adjustment Preparations

1. Connect the main P.C. Board to RF unit by the extension cord.
2. Connect a distortion meter (with AC voltmeter) to the telephone line output on the base unit.
3. While pressing SW1, set to SW2 to on.
4. Press twice Locator/Intercom button (The unit becomes Test Mode on CH1 Talk).

Note: When selecting optional channel (ex. CH23), press once Locator/Intercom button after above preparations 3 item (Unit becomes CH01). Next move twice Rec Time Selector to GREETING ONLY from 1MIN (CH01 +CH02 = CH03) and move twice Rec Time Selector to VOX from 1MIN (CH03 +CH20 = CH23), then press once Locator/Intercom button (Unit becomes test mode on CH23 Talk).

If your unit have below symptom, adjust for each item as table of adjustment on pages 6, 7.

Symptom	Remedy
Dose not link between base unit and portable handset.	Adjust the items (A)~(D), (F), (G) and (H).
Transmission sound for receiver is unstable.	Adjust the item (E).
The operating distance between base unit and portable unit is less than normal	Adjust the item (I).

Item	Adjustment Item	Procedure
(A)	RX VCO Voltage Adjustment	Place the voltmeter probe at RF unit TP2 and adjust the voltage to 1.8 V using VC203. (When TP2 voltage is within 1.8 V $\pm$ 0.5 V, no need of adjusting.)
(B)	TX VCO Voltage Adjustment	Place the voltmeter probe at TP3 and adjust the voltage to 1.8 V using VC203. (When TP2 voltage is within 1.8 V $\pm$ 0.5 V, no need of adjusting.)
(C)	DET OUT Adjustment	Connect the signal generator (926.0125 MHz, 1 kHz modulation frequency, 3 kHz modulation +60 dB μ V _{emf} output level) to the RF unit TPA and GND. Adjust VR2 so that TPB level is -17.0 dBm $\pm$ 0.5 dB.
(D)	Standard Frequency Adjustment	Adjust VC201 so that transmission frequency is set 902.124 MHz $\pm$ 0.5 kHz. Connect frequency counter between TPA and GND.
(E)	Telephone Line Output Level Adjustment	Connect the signal generator (926.0125 MHz, 1 kHz modulation frequency, 3 kHz modulation +60 dB μ V _{emf} output level) to the RF unit TPA and GND. Adjust VR3 so that telephone line output level is -16.0 dBm $\pm$ 1.0 dB.
(F)	Max Depth of Modulation Adjustment	Set the loop simulator to sending side. Adjust VR4 so that level is 6.5kHz devi $\pm$ 0.2kHz devi when input signal is follow. Line input signal : 1kHz, +6dBm/set load (1.55V) RF input signal: +60dB μ V _{emf} (1mV, -53dBm), 0kHz devi Line current : 40mA
(G)	Modulation Sensitivity Adjustment	Set the loop simulator to sending side. Adjust VR1 so that level is 2.7kHz devi $\pm$ 0.2kHz devi when input signal is follow. Line input signal : 1kHz, -30dBm/set load (25mV) RF input signal: +60dB μ V _{emf} (1mV, -53dBm), 0kHz devi Line current : 40mA
(H)	12.8MHz Transmitter confirmation	Connect the frequency counter between the TP1 and GND and confirm that the frequency is 12.8MHz and that V _{p-p} is approximately 900mV.
(I)	TX power confirmation	Connect the Spectrum analyzer the TPA and GND and confirm that the level is -7dBm $\pm$ 3dB (0.4mW~0.1mW) Typ. 0.2mW.

Adjustment item (H) and (I) : Refer to page 62.

RF Unit

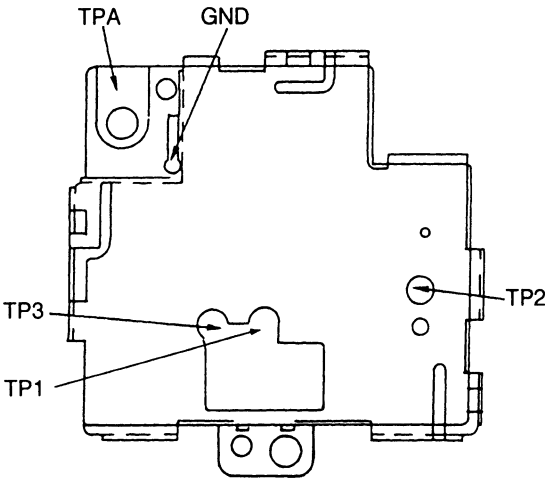


Fig.12

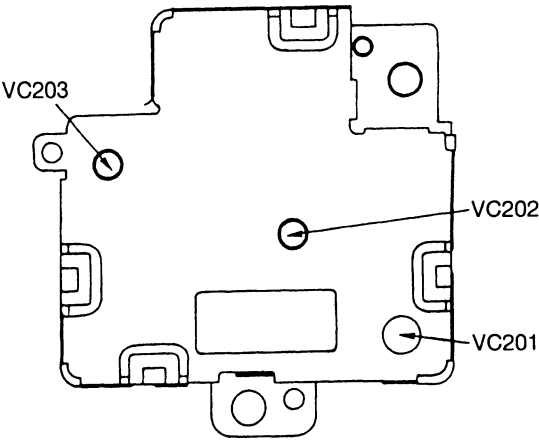
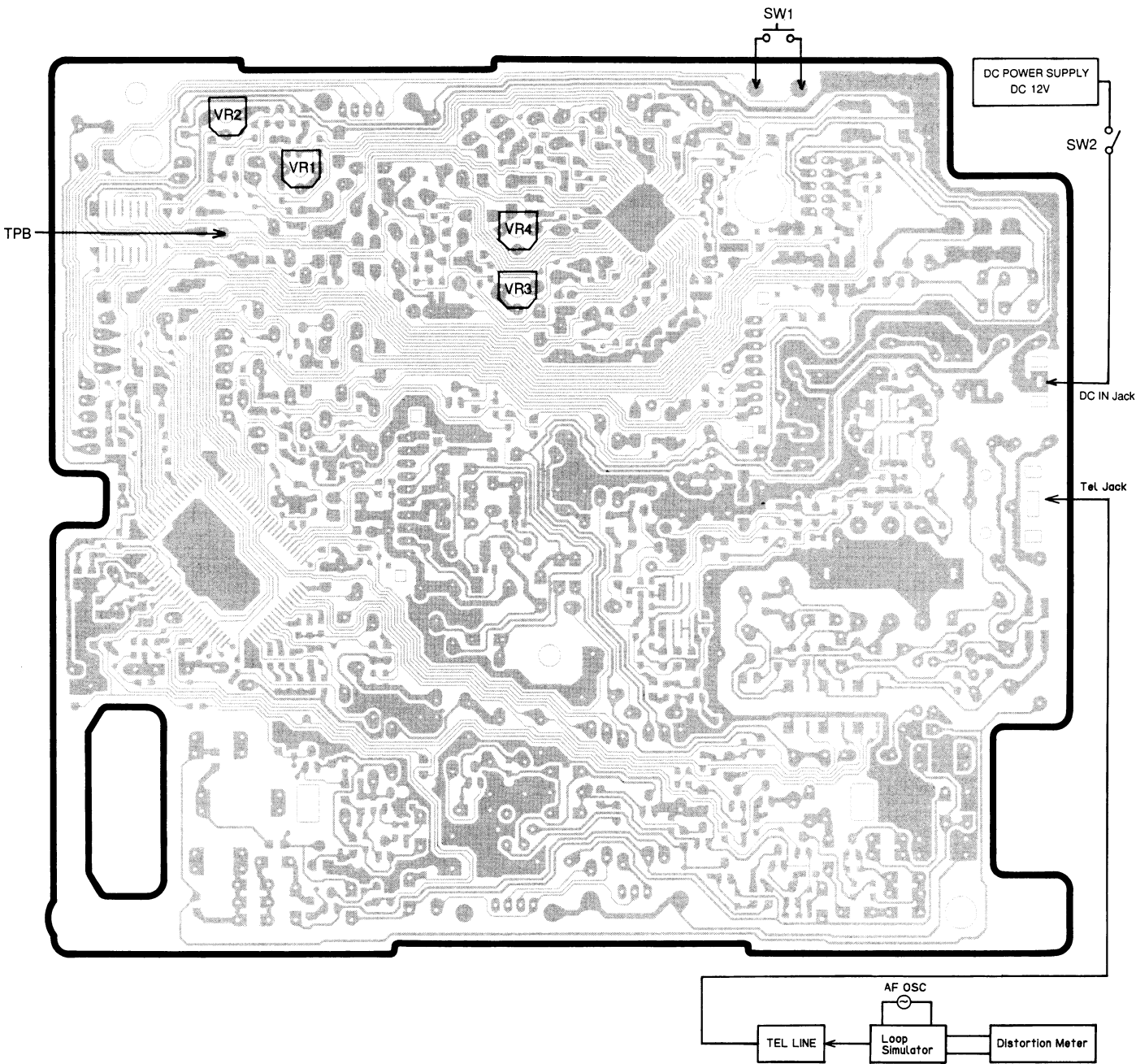


Fig.13



ADJUSTMENTS (KX-T9550R-B)

After servicing the RF unit, never make adjustments without assembling the upper RF unit cover and the lower RF unit cover with solder.

Adjustment Preparations

1. Connect the main P.C. Board to RF unit by the extension cord.
2. Connect a distortion meter (with AC voltmeter) to the SPK terminals (TP5) on the portable handset.
3. Connect 3.9 V to the battery terminals.
4. After pressing **[1]**, **[9]**, **[X]** keys at the same time, turn Power SW on. After that, press Flash key (Test mode on standby).
5. Press Talk key (Test Mode on CH1 Talk).

If your unit have below symptom, adjust for each item as table of adjustment on pages 8, 9.

Symptom	Remedy
Dose not link between base unit and portable handset.	Adjust the adjustment items (A), (B), (E), (F) and (H).
Speaker level of portable handset is unstable.	Adjust the adjustment item (C).
Transmission sound for receiver is unstable.	Adjust the adjustment item (D).
The movement of battery low indicator is wrong.	Adjust the adjustment item (G).
The operating distance between base unit and portable unit is loss than normal.	Adjust the adjustment items (I).

Item	Adjustment Item	Procedure
(A)	RX VCO Voltage Adjustment	Place the voltmeter probe at TP2 and adjust the voltage to 1.5 V using VC203. (When TP2 voltage is within 1.5 V $\pm$ 0.5 V, no need of adjusting.)
(B)	TX VCO Voltage Adjustment	Place the voltmeter probe at TP3 and adjust the voltage to 1.5 V using VC202. (When TP3 voltage is within 1.5 V $\pm$ 0.5 V, no need of adjusting.)
(C)	Receiving Level Adjustment	Connect a signal generator (902.125 MHz, 1 kHz modulation frequency, 2 kHz modulation, +60 dB $\propto$ V emf output level) to the RF unit TPA. Adjust VR3 so that the speaker output TP5 is -28.0 dBm $\pm$ 0.5dB (30.8mV $\pm$ 1.7mV).
(D)	Max Depth of Modulation Adjustment	Connect a modulation meter and signal generator [902.125 MHz, 60dB $\propto$ V (1mV, -53dBm), unmodulation] in TPA and GND. Connect an AF oscillator [f=1 kHz, -19 dBm (87mV) level] to the MIC terminals (TP4) and V _{ss} on the portable handset. Adjust VR4 to set the modulation to 5.5 $\pm$ 0.2 kHz Devi.
(E)	Standard Frequency Adjustment	Adjust VC210 so that transmission frequency is set 902.125 MHz $\pm$ 0 kHz. Connect frequency counter between TPA and GND.
(F)	20 dB Electric Field Adjustment	Input S.S.G. (902.125 MHz, 60 dB $\propto$ V, 3 kHz Devi) between TPA and GND. Adjust VR1 so that TPB level is set to -15.5 $\pm$ 0.5 dBm (130mV).
(G)	Battery Low Adjustment	Set the power voltage to 3.5V. Adjust VR5 to change waveform of oscilloscope is High and Low.
(H)	12.8MHz Transmitter confirmation	Connect the frequency counter between the TP1 and GND and confirm that the frequency is 12.8MHz and that Vp-p is approximately 900mV.

Item	Adjustment Item	Procedure
(I)	TX power confirmation	Connect the Spectrum analyzer the TPA and GND and confirm that the level is $-7\text{dBm} \pm 3\text{dB}$ (0.4mW~0.1mW) Typ. 0.2mW.

Adjustment item (H) and (I) : Refer to page 63.

Note: When selecting optional channel, press **[2]** **[3]** keys after pressing Flash key of adjustment preparation 4 item (ex. CH23).
Next press Talk key (Test Mode on CH23 Talk).

RF Unit

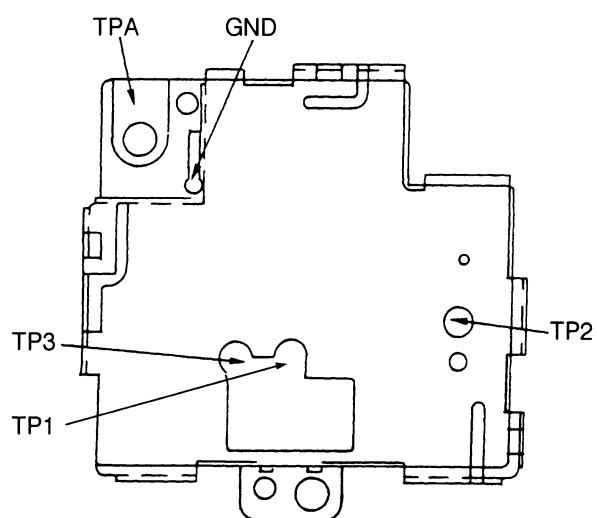


Fig.15

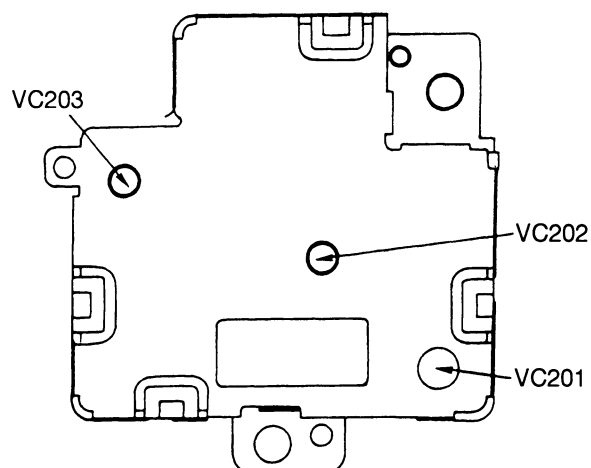
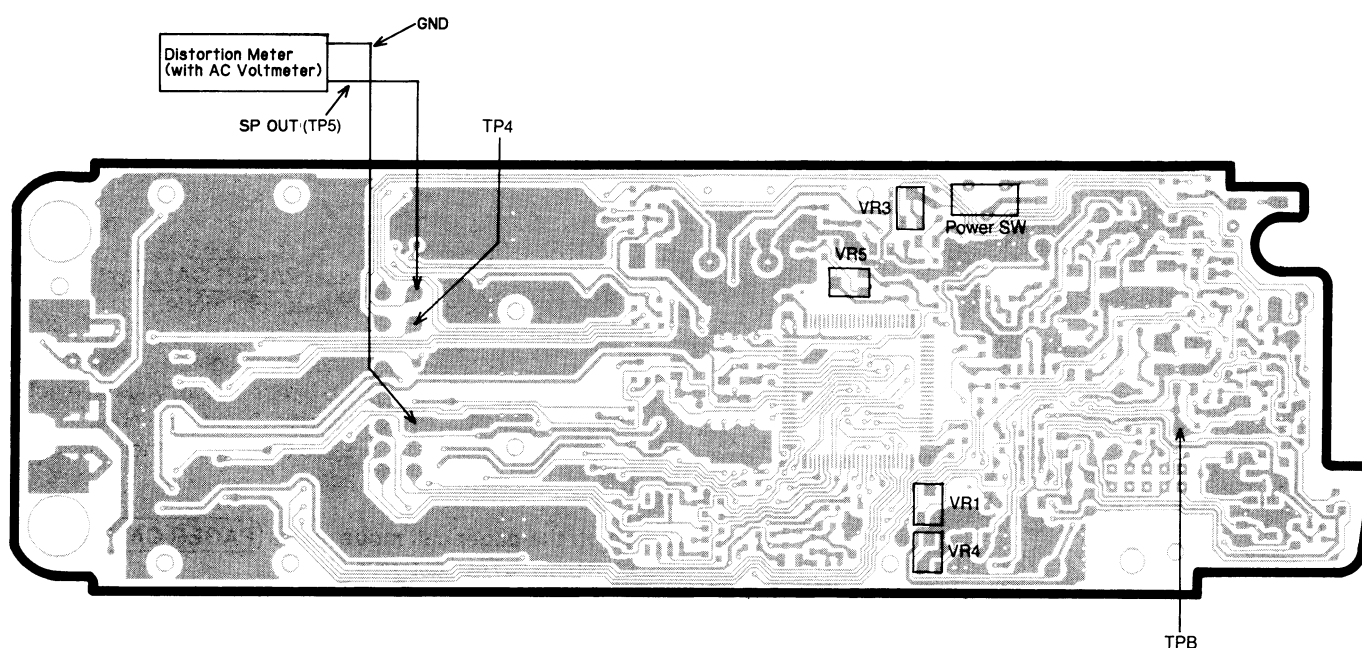


Fig.16



CPU DATA KX-T9550H-B (Base Unit)

IC6 PQVI46812A13

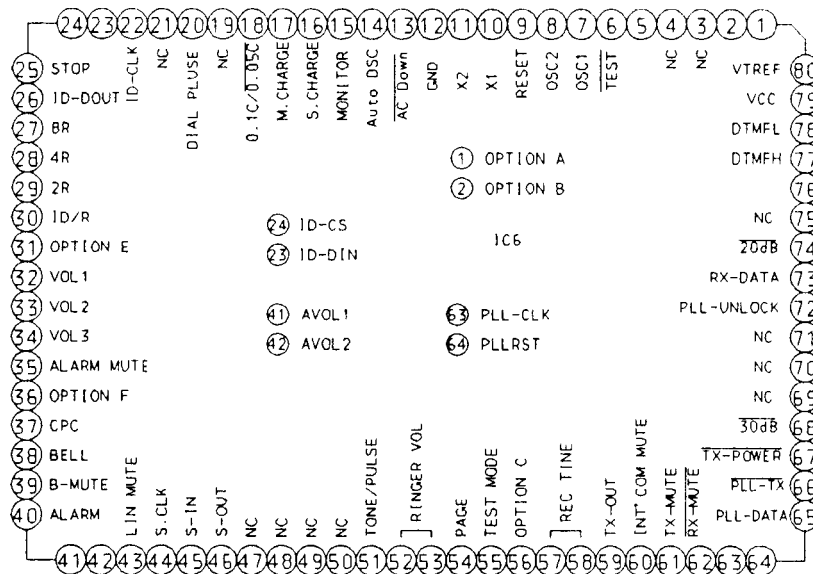


Fig.18

Pin	Description	I/O	H	H-Z	L	Pin	Description	I/O	H	H-Z	L
1,2	OPTION	I			ON	40	Ringer	I/O			
3~5	GND					41	Volume 1	I/O		O	O
6	Vcc					42	Volume 2	I/O		O	O
7	SYSTEM CLOCK	I				43	LINE MUTE	I/O	Mute ON		OFF
8	(3.992MHz)	O				44	SERIAL CLOCK	I/O			
9	RESET	I				45	SERIAL IN	I/O			
10	Vcc					46	SERIAL OUT	I/O			
11	Not Used					47~50	NC				
12	GND					51	Dial Mode SW	I/O			(ON)
13	AC Down	I/O		Normal	Down	52,53	Ringer Volume	I/O			(ON)
14	DSC	I/O		DISC.	Normal	54	Locator/Int'com SW	I/O			(ON)
15	R. Monitor	I/O			Mute ON	55	Option D	I/O			(ON)
16	S. Charge	I/O		Charge		56	Option C	I/O			(ON)
17	M. Charge	I/O		Charge		57,58	Rec Time SW	I/O			(ON)
18	0.1/0.05C	I/O		0.1C	0.05C	59	TX OUT	I/O			ON
19	NC					60	Int'com Mute	I/O			ON
20	DIAL PULSE	I/O		Make	Break	61	TX Mute	I/O	Mute ON		
21	NC					62	RX Mute	I/O			Mute ON
22~24	Not Used	I/O				63	PLL-CLOCK	I/O			
25	POWER DOWN	I		Normal	P. Down	64	PLL-ST	I/O	Normal		Active
26	ID-OUT	I				65	PLL-DATA	I/O			
27	TX Data	I/O				66	PLL-TX	I/O		OFF	TX ON
28	TX Data	I/O				67	TX POWER	I/O		OFF	Power ON
29	TX Data	I/O				68	30dB	I/O			Input Sens
30	TX Data	I/O				69~71	NC				
31	Option E	I/O			(ON)	72	PLL-UNLOCK	I/O	Unlock		
32	Volume 1	I/O		O	O	73	RX Data	I/O			
33	Volume 2	I/O		O	O	74	20dB	I/O			Input Sens
34	Volume 3	I/O		O	O	75	NC				
35	Alarm Mute	I/O		Mute ON		76	Vcc				
36	Option F	I/O			(ON)	77	DTMF-H	O			
37	CPC	I/O				78	DTMF-L	O			
38	Bell	I/O				79	Vcc				
39	Alarm	I/O		CPC		80	VTref.				

CPUDATA KX-T9550H-B (Base Unit)

IC301 PQVI48412A20

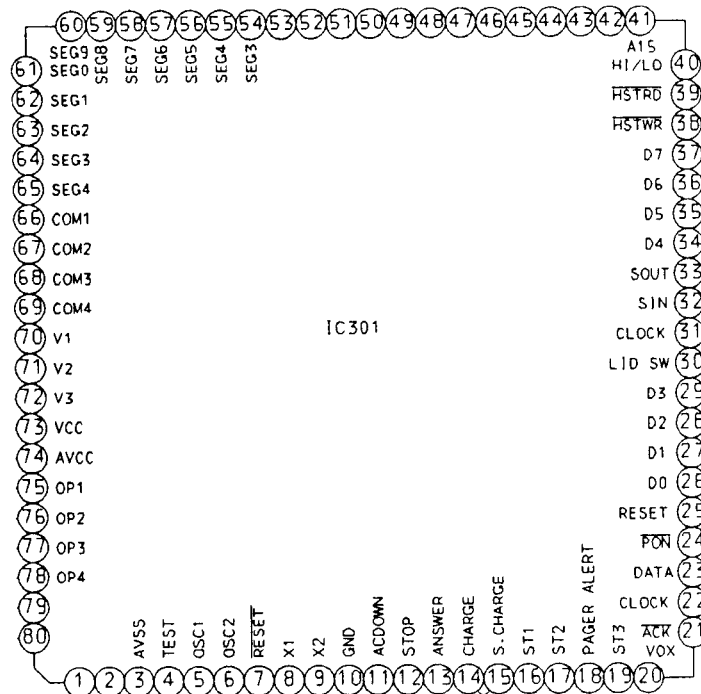


Fig.19

Pin	I/O	Beschreibung	H	L	Pin	I/O	Beschreibung	H	L
1, 2	I/O	KEY SCAN	KEY OFF	KEY ON	23	I/O	R/P IC DATA	OFF	ON
3		GND for A/D CONVERTER		GND	24	I/O	DSP POWER DOWN	ACTIVE	POWER-OFF
4	I	TEST		GND	25	I/O	DSP RESET	RESET	NORMAL
5	I	OSCILLATOR INPUT (3.58 MHz)			26~29	I/O	DSP DATA	ON	OFF
6	O	OSCILLATOR OUTPUT (3.58 MHz)			30	I/O	Not Used		GND
7	I	MCU RESET			31	I/O	SERIAL CLOCK	OFF	ON
8	I	CLOCK OSCILLATOR (32.7 kHz)			32, 33	I/O	SERIAL DATA	ON	OFF
9	O	CLOCK OSCILLATOR (32.7 kHz)			34~37	I/O	DSP DATA	ON	OFF
10		GND			38	I/O	DSP WRITE	NORMAL	WRITE
11	I/O	AC DOWN	NORMAL	POWER FAILURE	39	I/O	DSP READ	NORMAL	READ
12	I/O	STOP	STOP	DURING BUCK UP	40	I/O	DSP H/L	HIGH	LOW
13	I/O	ANSWER LED	ON	OFF	41	I/O	DSP A15	ON	OFF
14	I/O	CHARGE/ IN USE LED	ON	OFF	42~53	O	Not Used		
15	I/O	SPARE CHARGE LED	ON	OFF	54~65	O	LCD SEGMENT		
16, 17	I/O	KEY STROBE	OFF (OPEN)	STROBE ON	66~69	O	LCD COMMON		
18	I/O	Not Used		GND	70~72		POWER SUPPLY for LCD		
19	I/O	R/P IC VOX	SILENCE	SOUND	73		Vcc		
20	I	COVER SWITCH	OPEN	CLOSE	74		POWER SUPPLY for A/D CONVERTER		
21	I	DSP ACK			75	I	OPTION	ON	OFF
22	I/O	R/P IC CLOCK	OFF	ON	79, 80	I/O	KEY SCAN	KEY OFF	KEY ON

CPU DATA KX-T9550R-B (Portable Unit)

IC6 PQVI4829C60H

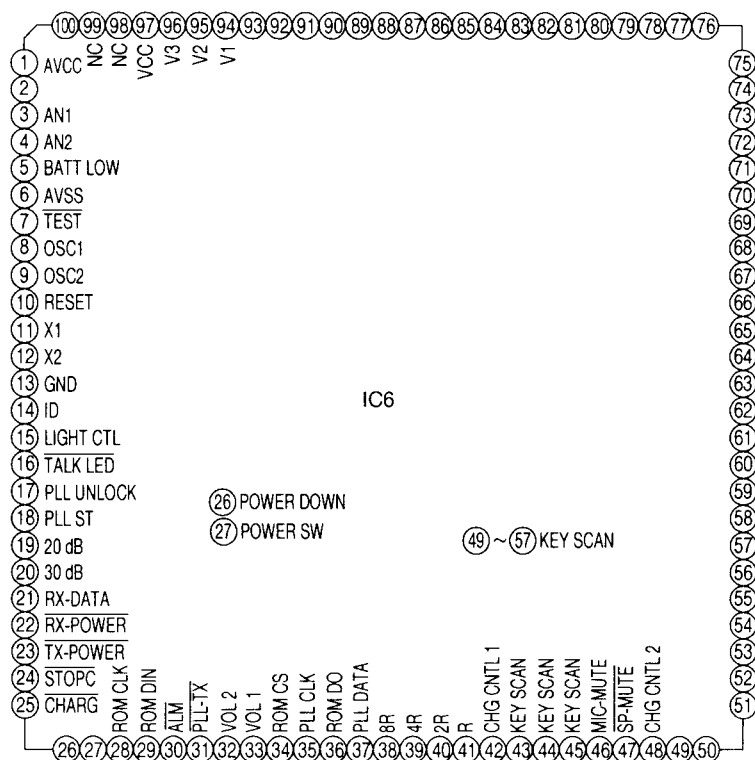


Fig.20

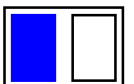
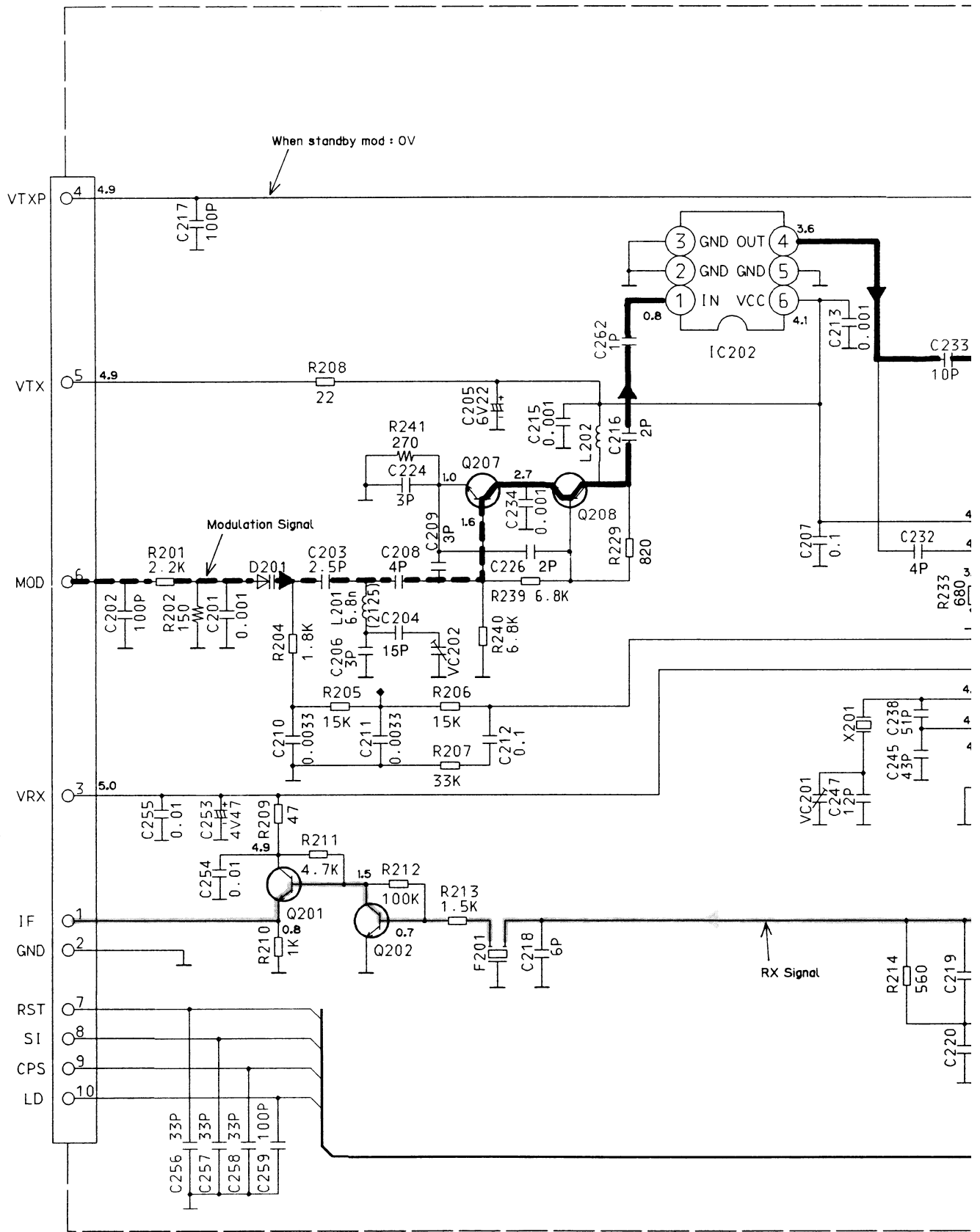
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FREQUENCY TABLE (MHz)

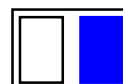
CH	Base Unit TX Portable Handset RX	Base Unit RX Portable Handset TX	CH	Base Unit TX Portable Handset RX	Base Unit RX Portable Handset TX
1	902.125 MHz	926.125 MHz	31	902.875 MHz	926.875 MHz
2	902.150 MHz	926.150 MHz	32	902.900 MHz	926.900 MHz
3	902.175 MHz	926.175 MHz	33	902.925 MHz	926.925 MHz
4	902.200 MHz	926.200 MHz	34	902.950 MHz	926.950 MHz
5	902.225 MHz	926.225 MHz	35	902.975 MHz	926.975 MHz
6	902.250 MHz	926.250 MHz	36	903.000 MHz	927.000 MHz
7	902.275 MHz	926.275 MHz	37	903.025 MHz	927.025 MHz
8	902.300 MHz	926.300 MHz	38	903.050 MHz	927.050 MHz
9	902.325 MHz	926.325 MHz	39	903.075 MHz	927.075 MHz
10	902.350 MHz	926.350 MHz	40	903.100 MHz	927.100 MHz
11	902.375 MHz	926.375 MHz	41	903.125 MHz	927.125 MHz
12	902.400 MHz	926.400 MHz	42	903.150 MHz	927.150 MHz
13	902.425 MHz	926.425 MHz	43	903.175 MHz	927.175 MHz
14	902.450 MHz	926.450 MHz	44	903.200 MHz	927.200 MHz
15	902.475 MHz	926.475 MHz	45	903.225 MHz	927.225 MHz
16	902.500 MHz	926.500 MHz	46	903.250 MHz	927.250 MHz
17	902.525 MHz	926.525 MHz	47	903.275 MHz	927.275 MHz
18	902.550 MHz	926.550 MHz	48	903.300 MHz	927.300 MHz
19	902.575 MHz	926.575 MHz	49	903.325 MHz	927.325 MHz
20	902.600 MHz	926.600 MHz	50	903.350 MHz	927.350 MHz
21	902.625 MHz	926.625 MHz	51	903.375 MHz	927.375 MHz
22	902.650 MHz	926.650 MHz	52	903.400 MHz	927.400 MHz
23	902.675 MHz	926.675 MHz	53	903.425 MHz	927.425 MHz
24	902.700 MHz	926.700 MHz	54	903.450 MHz	927.450 MHz
25	902.725 MHz	926.725 MHz	55	903.475 MHz	927.475 MHz
26	902.750 MHz	926.750 MHz	56	903.500 MHz	927.500 MHz
27	902.775 MHz	926.775 MHz	57	903.525 MHz	927.525 MHz
28	902.800 MHz	926.800 MHz	58	903.550 MHz	927.550 MHz
29	902.825 MHz	926.825 MHz	59	903.575 MHz	927.575 MHz
30	902.850 MHz	926.850 MHz	60	903.600 MHz	927.600 MHz

SCHEMATIC DIAGRAM

(RF UNIT)



A horizontal number line with tick marks at each integer from 6 to 12. The numbers 6, 7, 8, 9, 10, 11, and 12 are written above their respective tick marks. The segment of the number line between 6 and 7 is shaded gray.



1

2

3

4

5

6

A

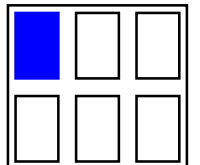
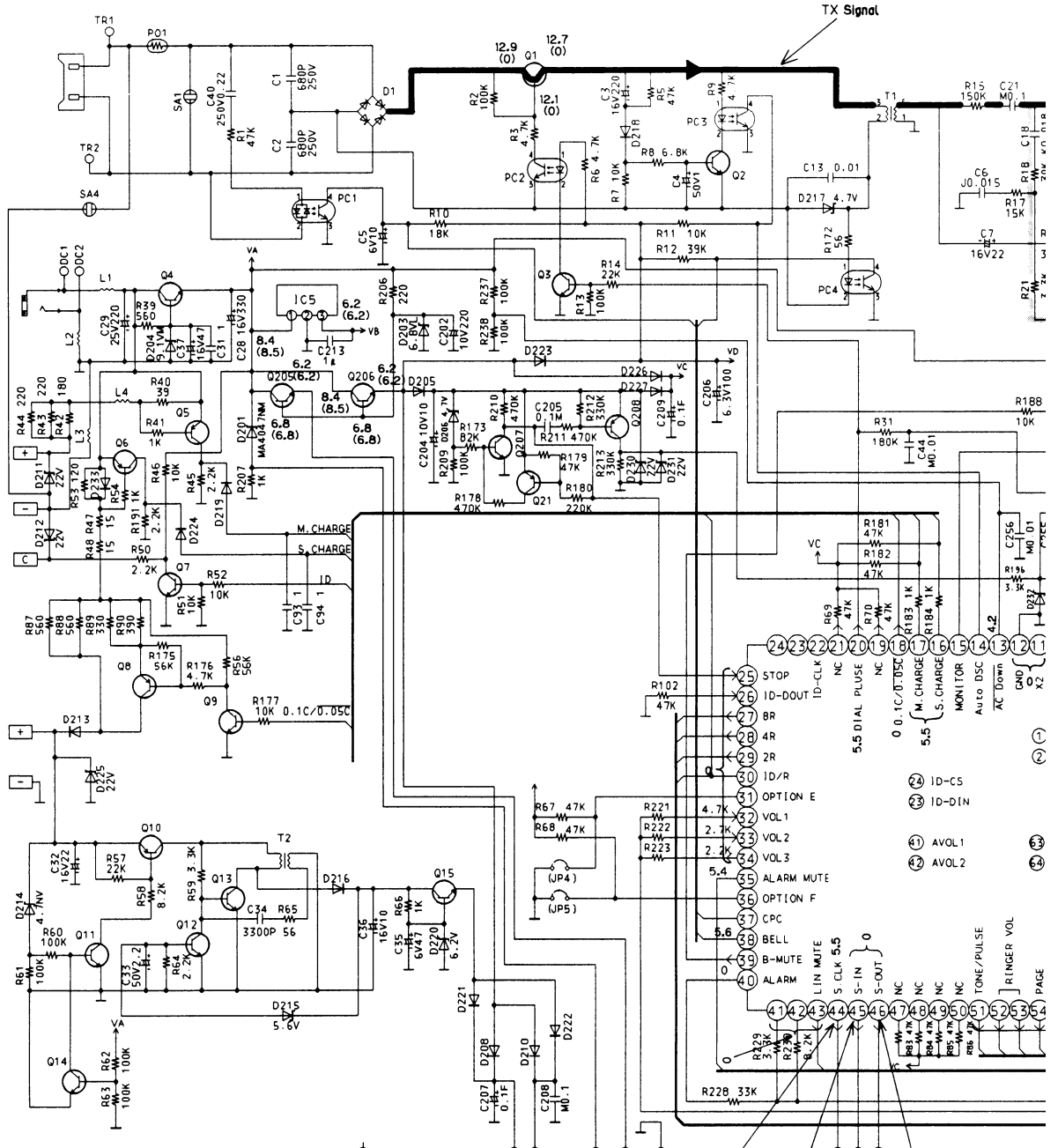
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C

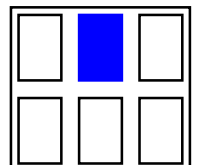
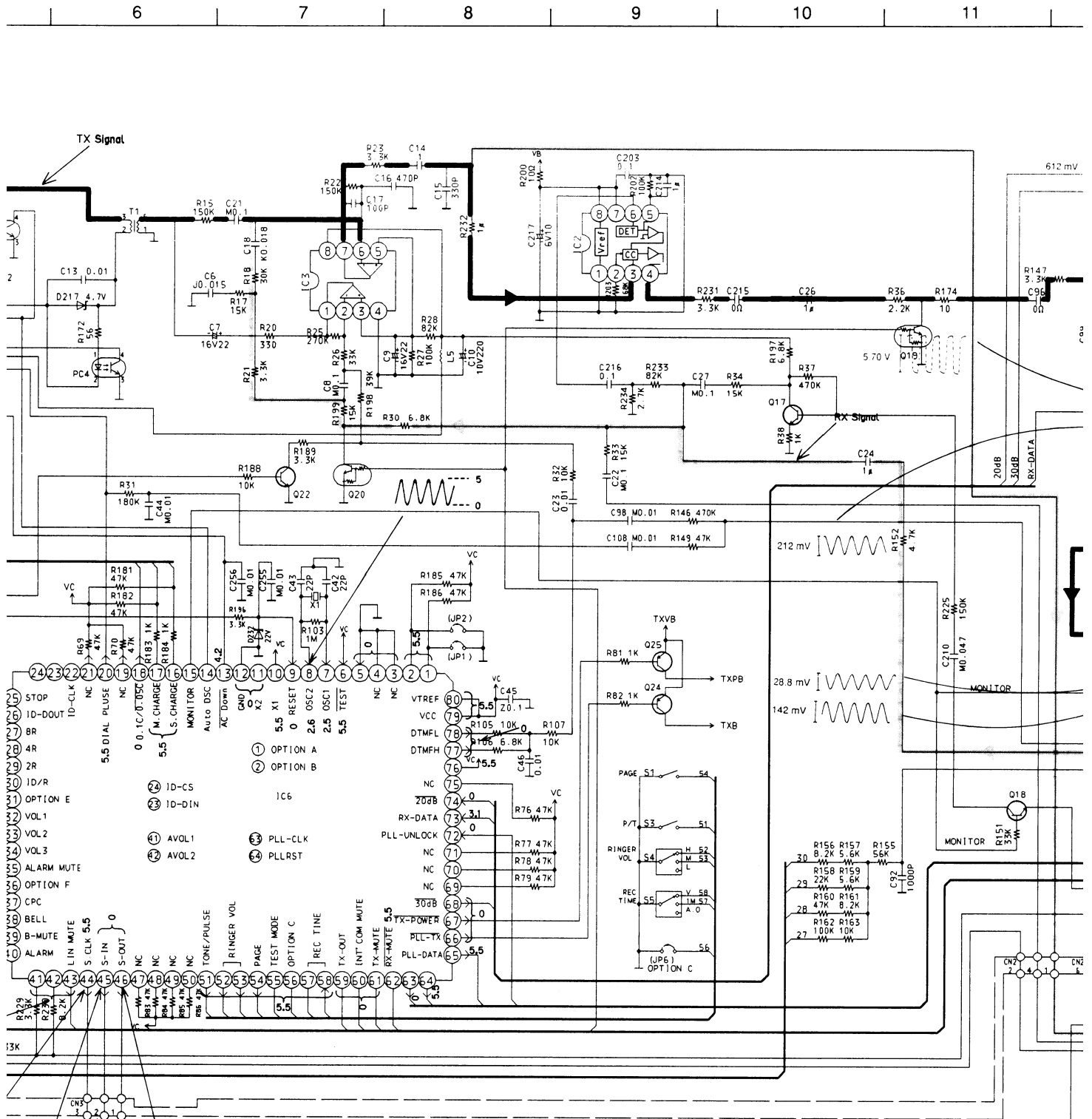
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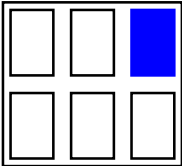
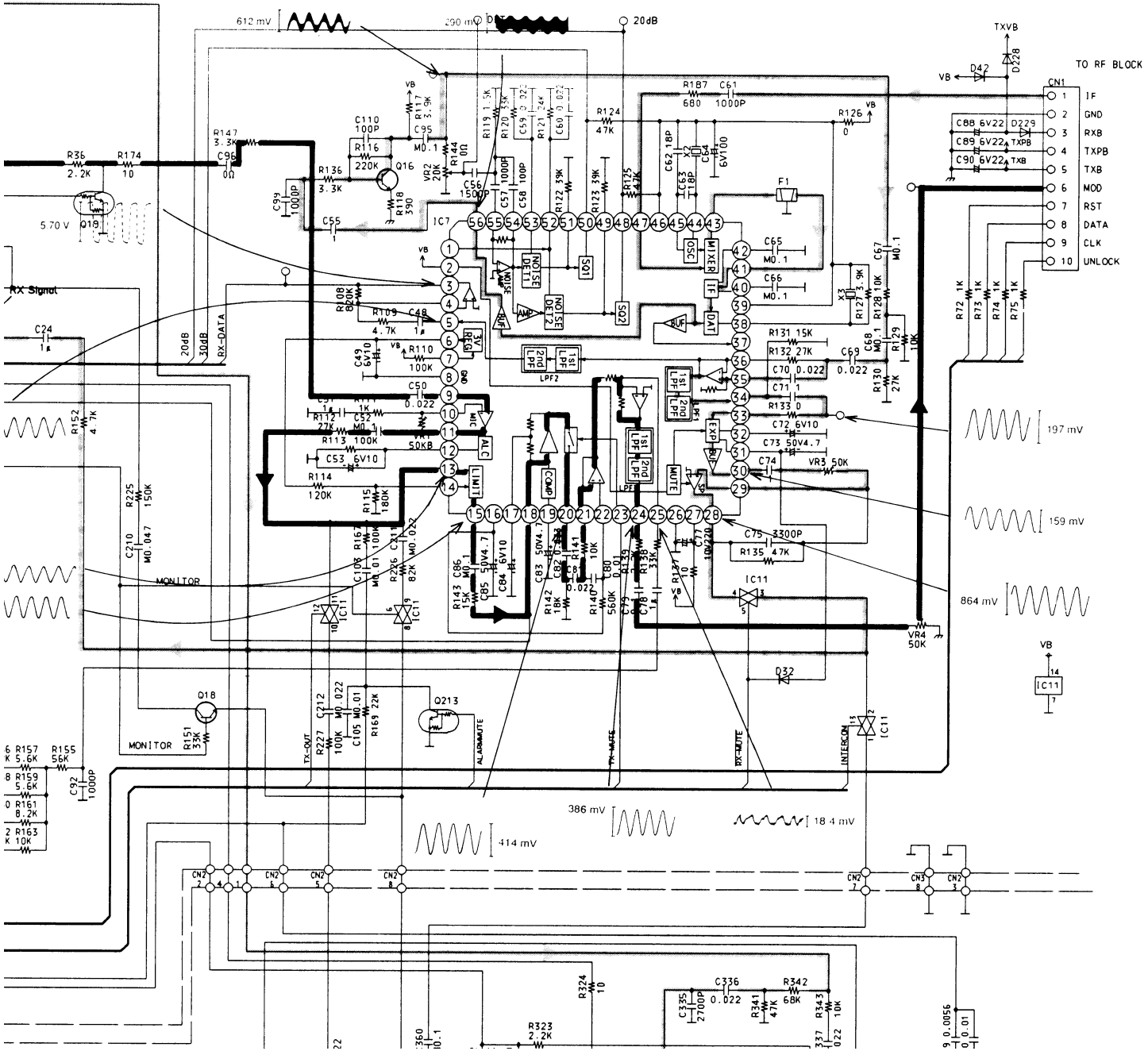
E

F



SCHEMATIC DIAGRAM (KX-T9550H-B)





G

H

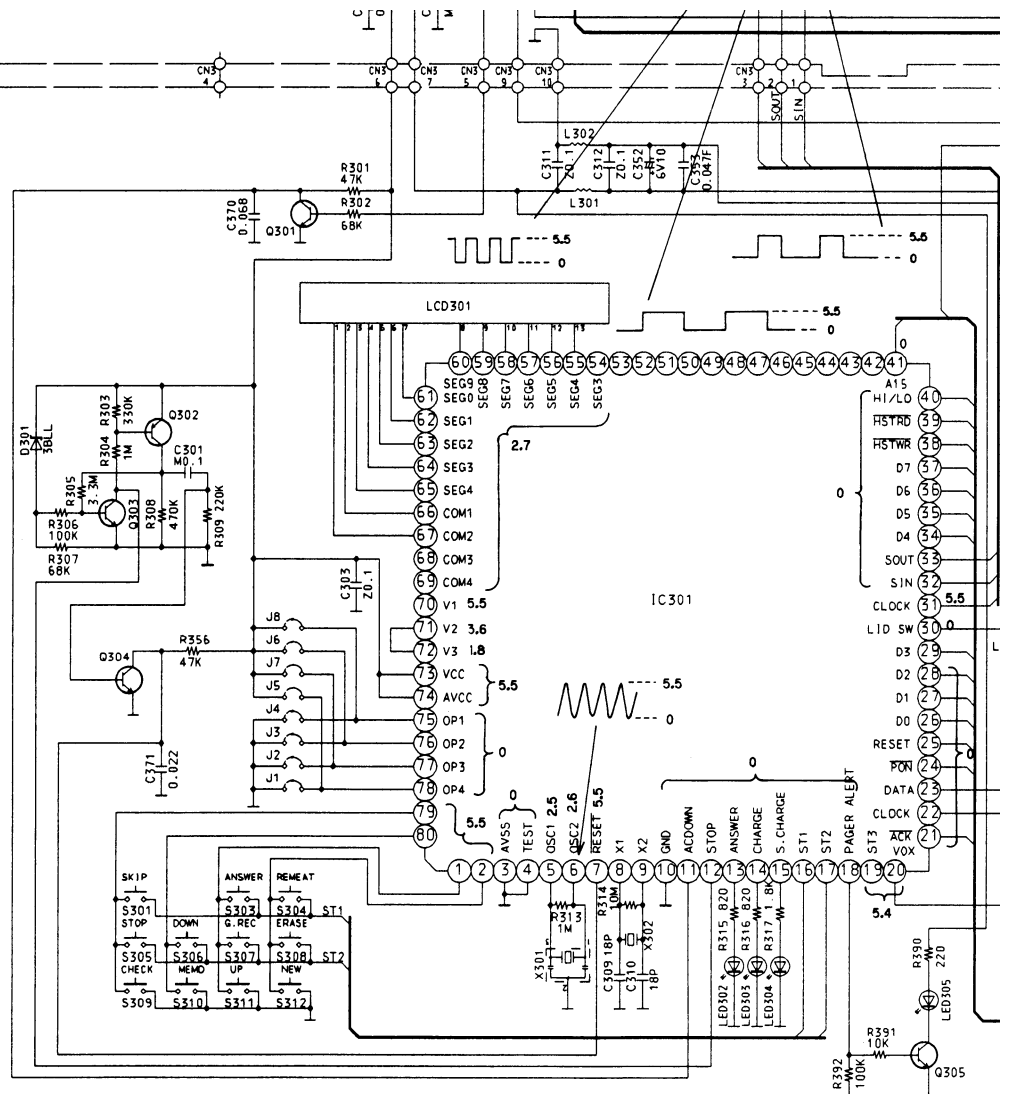
I

J

K

L

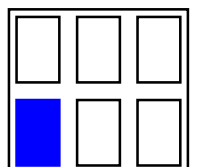
M

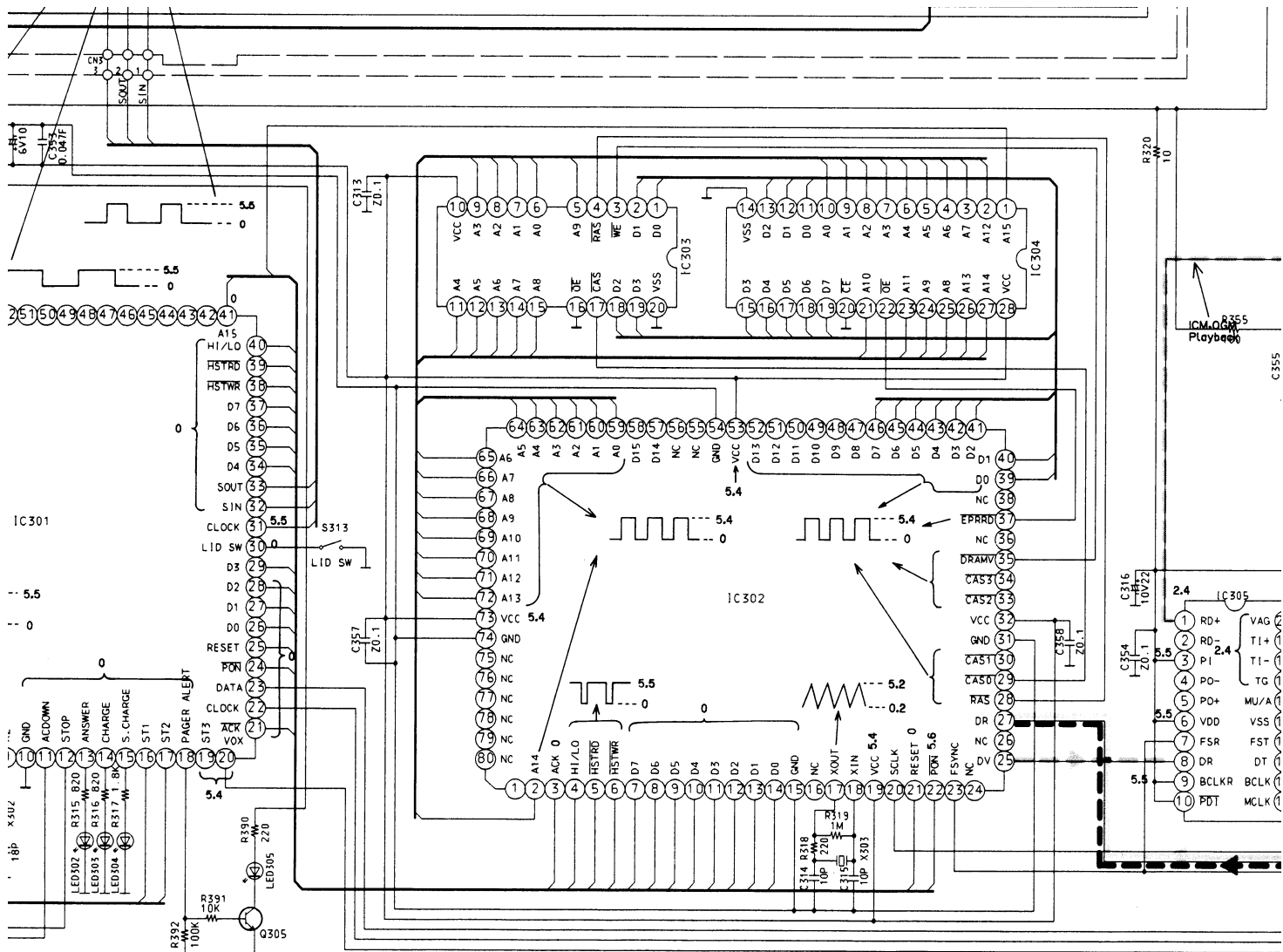


Pin Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Talk	5.78	5.17	2.90	2.89	1.67	2.96	5.90	0	1.40	1.40	1.40	0.1	1.39	1.87	1.39	1.40	1.40	1.40
Stand by	5.78	0	2.90	2.89	1.67	2.96	5.90	0	1.40	1.40	1.40	0.1	1.39	1.87	1.40	1.40	1.40	1.40

Notes:

- S1: Locator/Intercom Switch
- S3: Dialing Mode Selector Switch
- S4: Ringer Selector Switch
- S5: Rec Time Selector Switch
- S301: Skip Switch
- S303: Answer ON Switch
- S304: Repeat Switch
- S305: Stop Switch
- S306: Volume (Down) Switch
- S307: Greeting Record/Mailbox 1 Switch
- S308: Erase/Pager Call Switch
- S309: Greeting Check/Mailbox 3 Switch
- S310: Memo/Mailbox 3 Switch
- S311: Volume (Up) Switch
- S312: New Message Switch



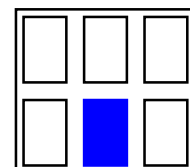


IC 7																																									
1	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42										
40	0.1	1.39	1.87	1.39	1.40	1.40	1.40	0.92	1.4	1.42	1.35	0	1.38	1.40	0	5.88	2.92	2.88	1.40	0.63	1.40	1.40	1.65	1.60	1.64	0.65	5.88	5.87	4.89	4.89	4.89	5									
40	0.1	1.39	1.87	1.40	1.40	1.40	1.40	0.68	0.2	1.42	1.35	5.18	1.38	1.40	0	5.88	2.97	2.95	1.39	1.70	1.40	1.40	1.65	1.60	1.64	0.60	5.87	5.88	4.91	4.92	4.92	5									

11. S308: Erase/Pager Call Switch
12. S309: Greeting Check/Mailbox 2 Switch
13. S310: Memo/Mailbox 3 Switch
14. S311: Volume (Up) Switch
15. S312: New Message Switch

16. DC voltage measurements are taken with voltmeter from the negative voltage line.
Mic input: -50 dBm/1 kHz
Mode: Talk (Standby)

This schematic diagram may be modified at any time with the development of new technology.



1

2

3

4

5

6

A

B

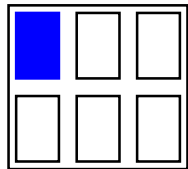
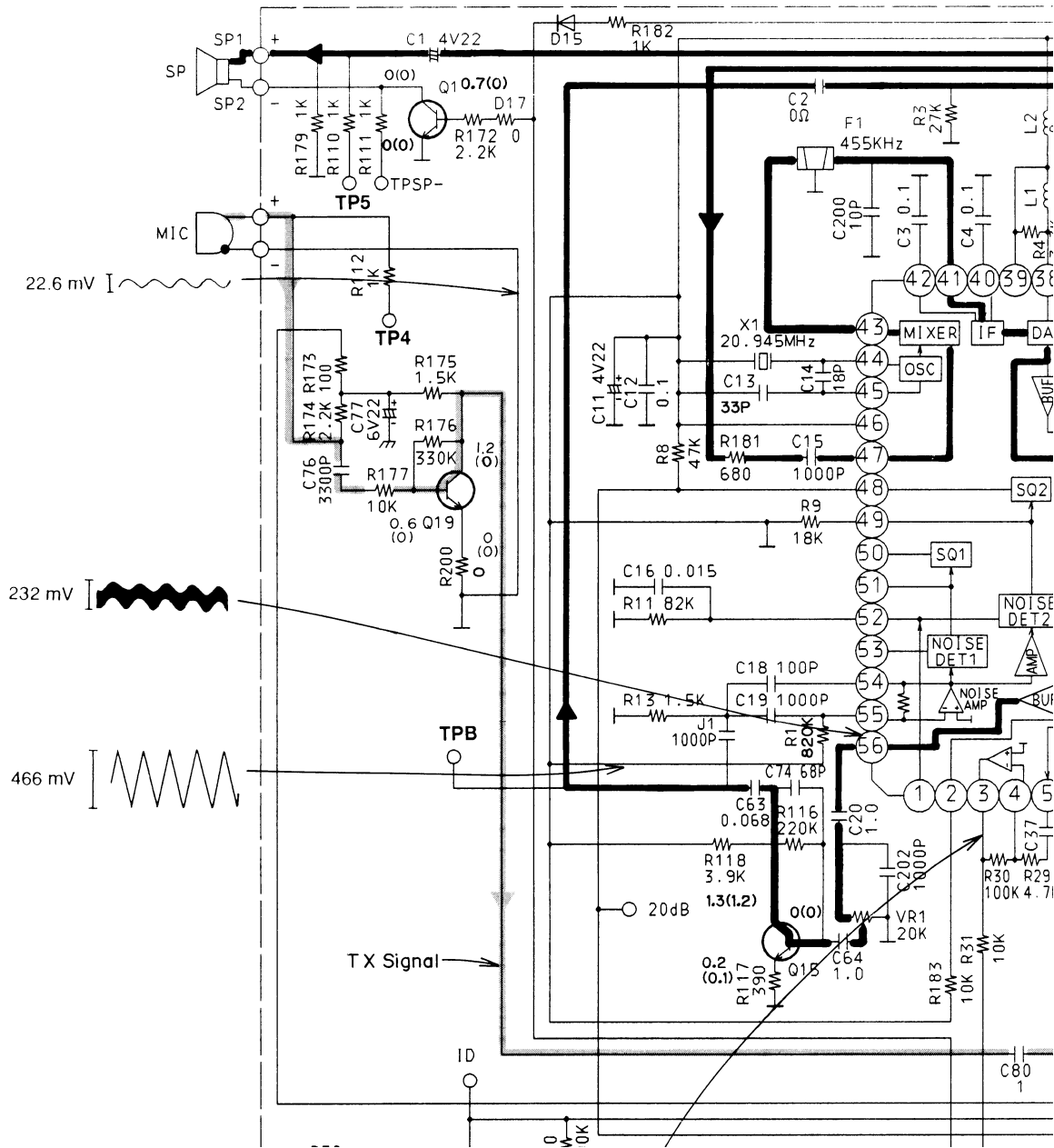
C

D

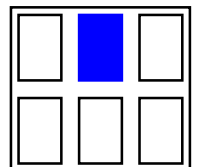
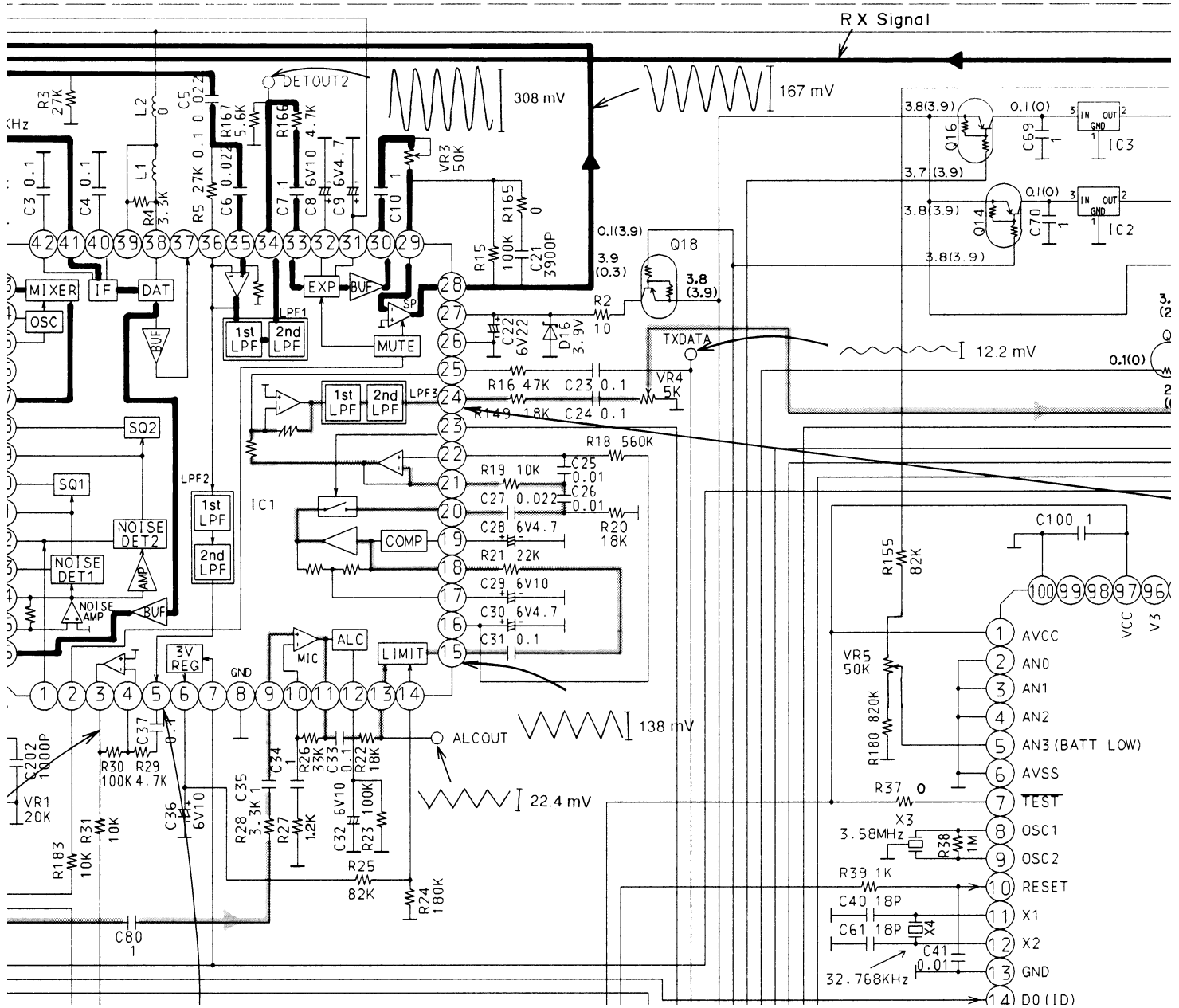
E

F

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Talk	2.9	2.6	1.4	1.4	1.6	2.8	2.9	0	1.3	1.3	1.3	0.1	1.3	1.9	1.3	1.3
Stand-by	2.9	2.9	1.4	1.4	1.5	0	0	0	0	0	0	0	0	0	0	0



A horizontal number line with tick marks at every integer from 6 to 12. The numbers 6, 7, 8, 9, 10, 11, and 12 are labeled above the corresponding tick marks.

[illegible]

G

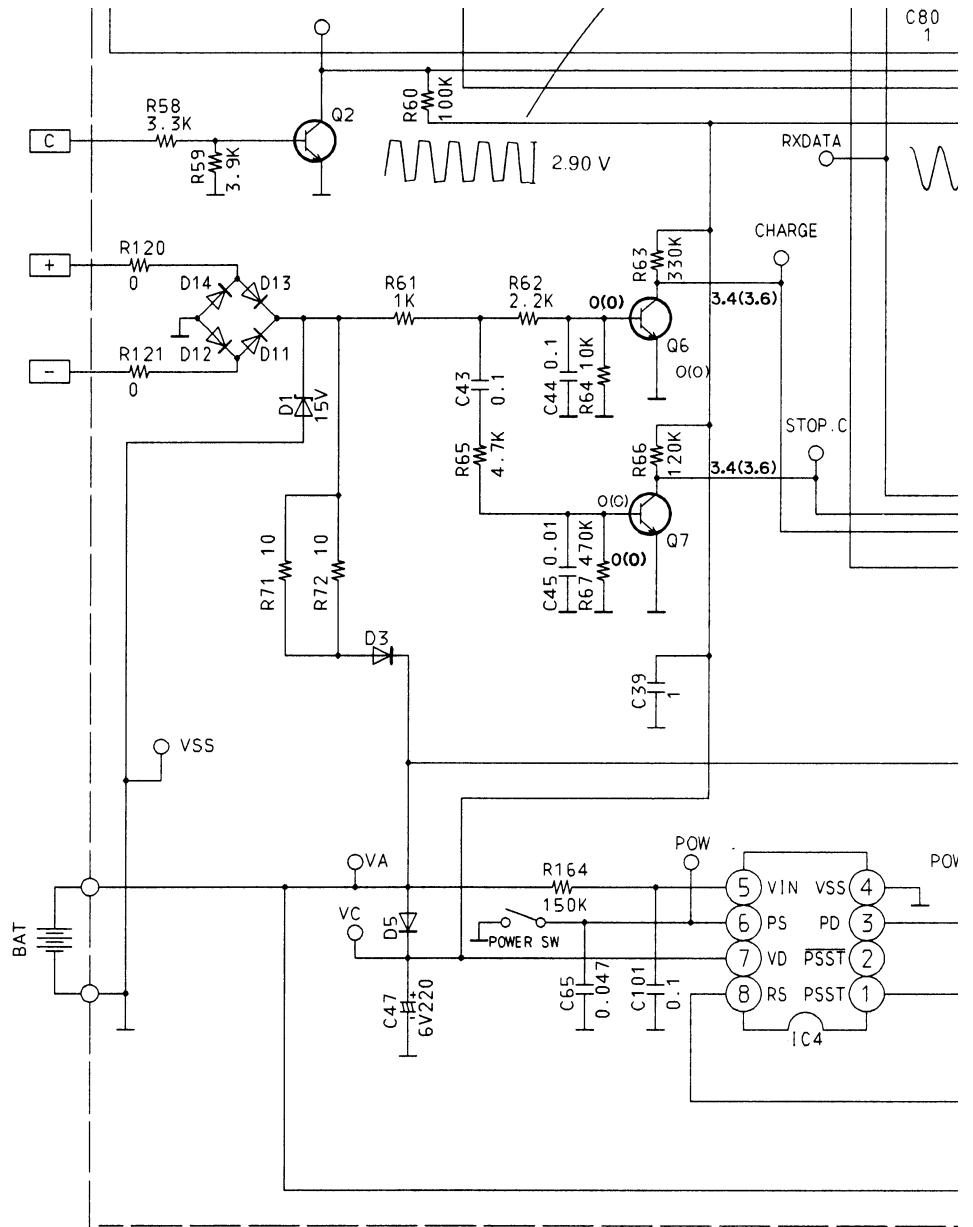
H

I

J

K

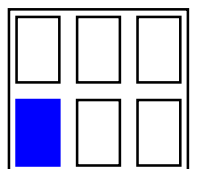
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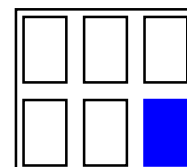
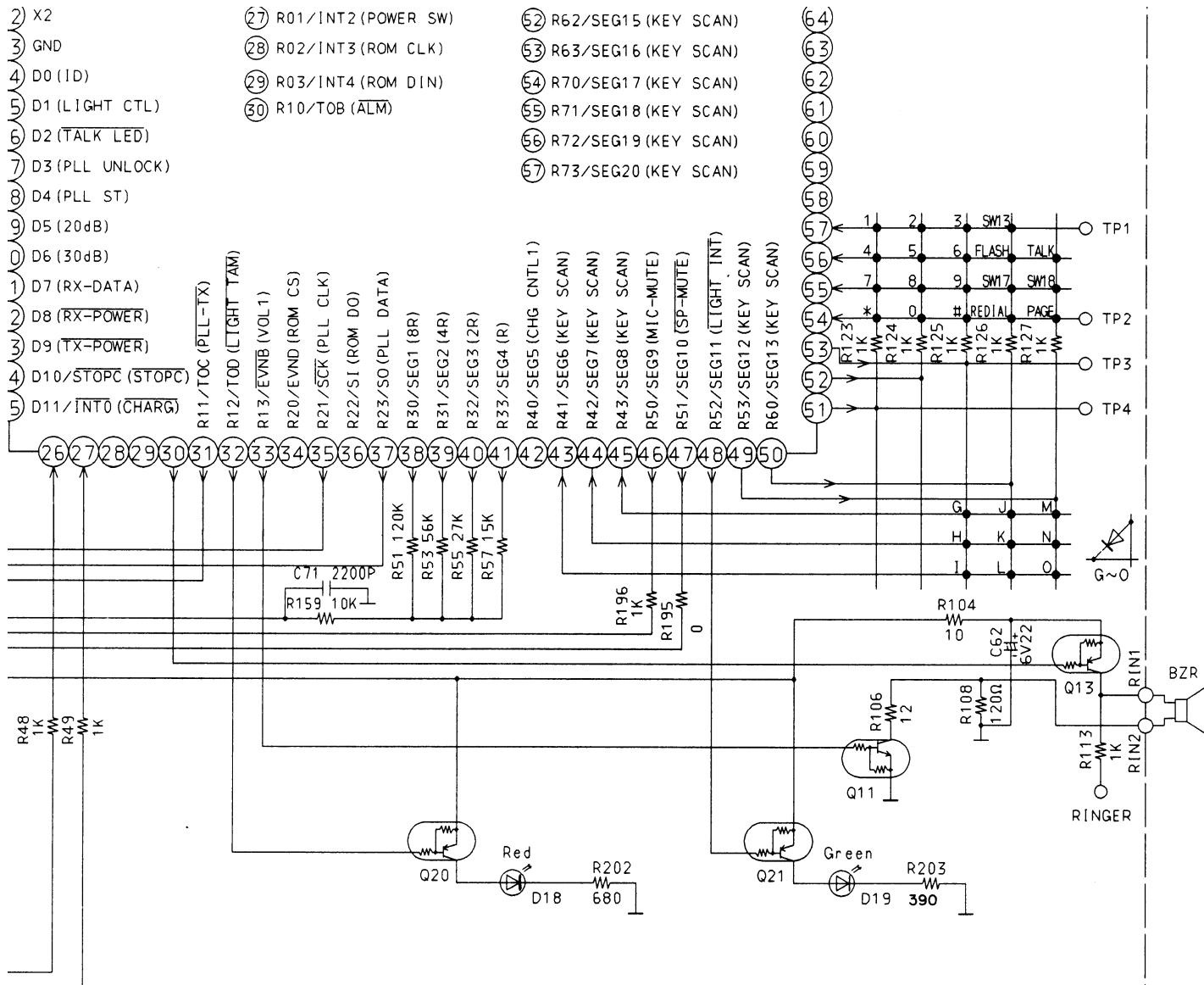


Notes:

1. S1: Power/Ringer Switch
2. DC voltage measurements are taken with voltmeter from the negative voltage line.
Mic input: -50 dBm/1 kHz
Mode: Talk (Standby)

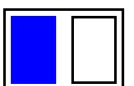
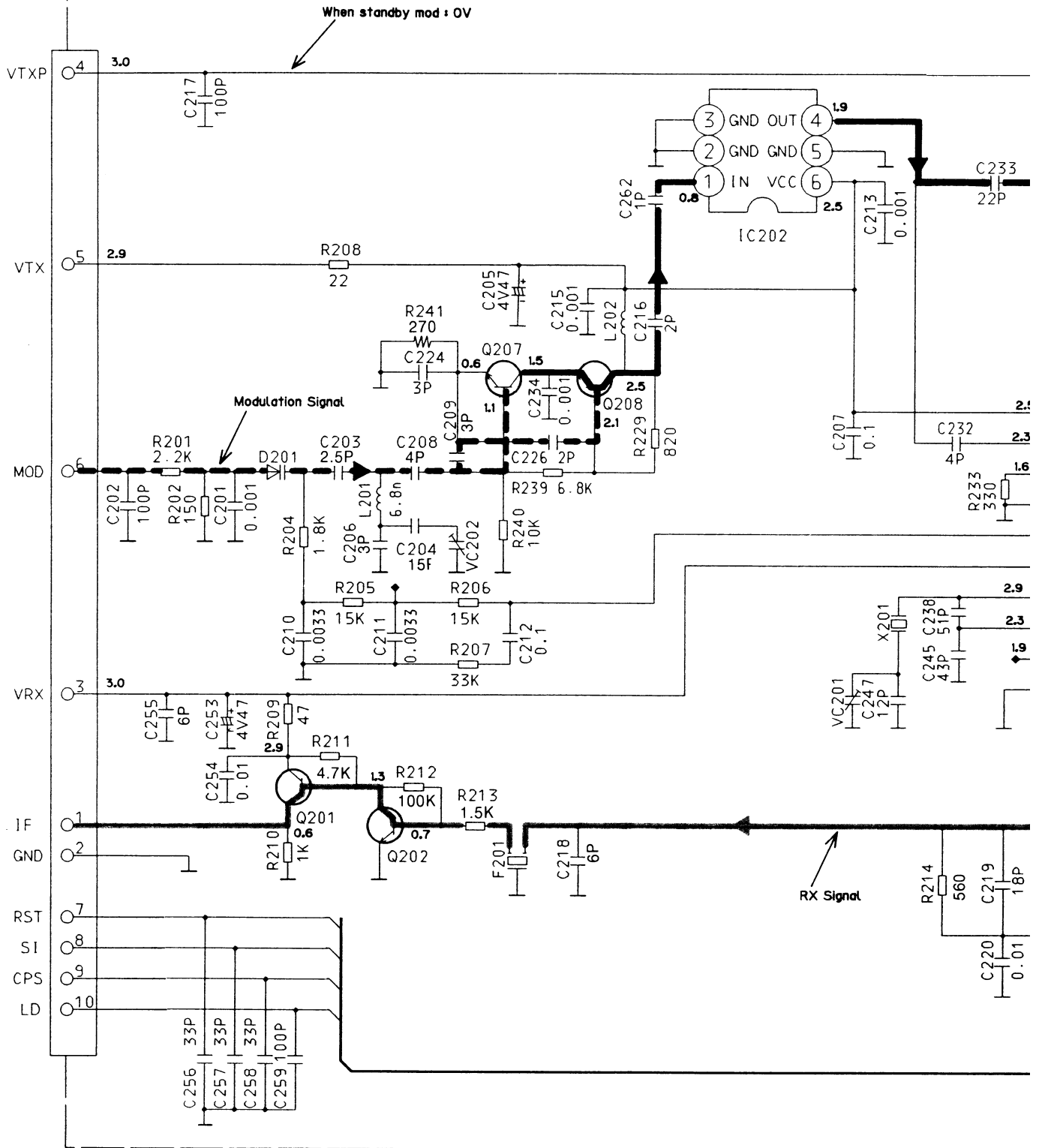
This schematic diagram may be modified at any time with the development of new technology.





SCHEMATIC DIAGRA

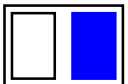
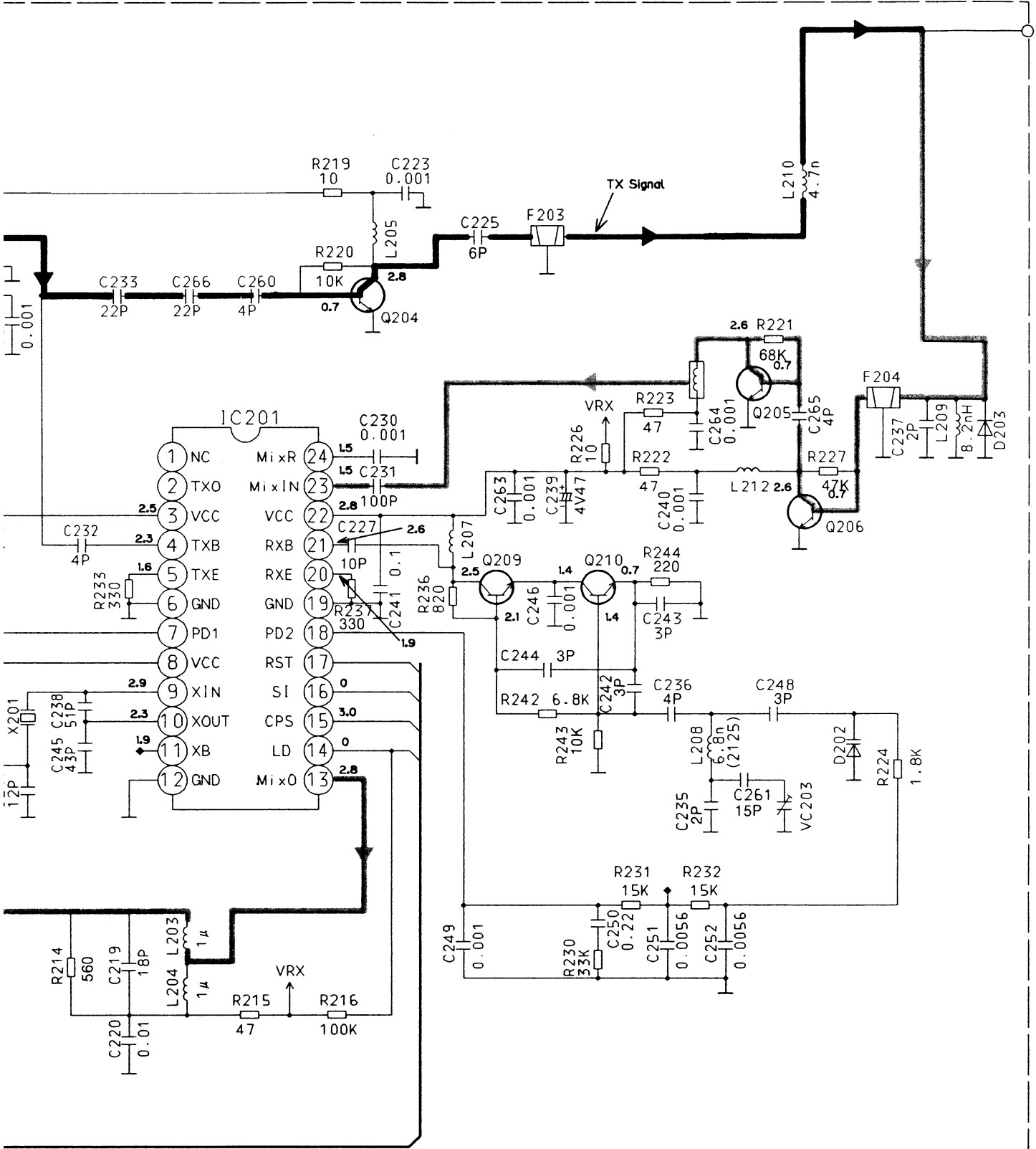
(RF Uni



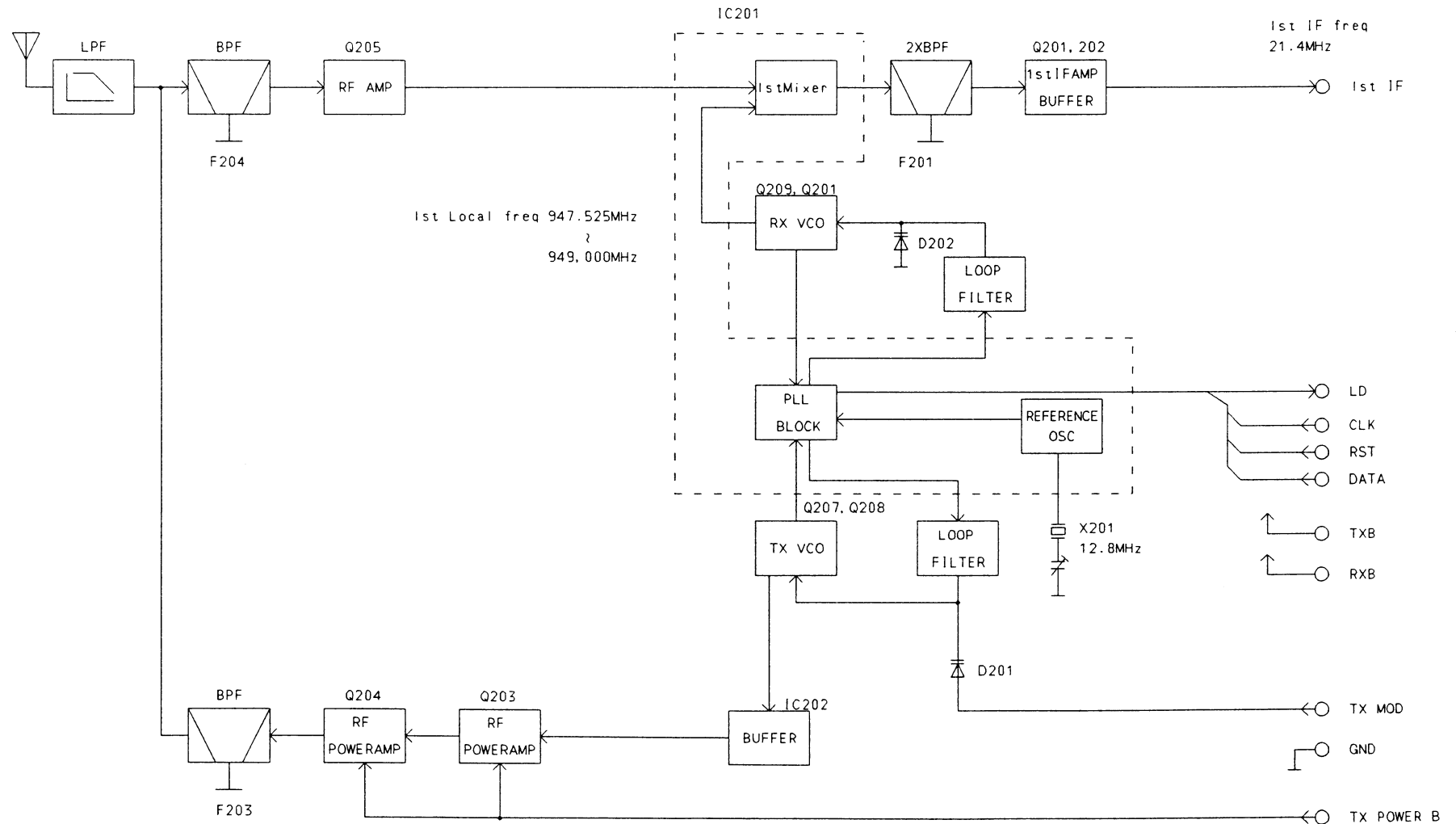
C DIAGRAM (KX-T9550R-B)

6	7	8	9	10	11	12
---	---	---	---	----	----	----

(RF Unit)

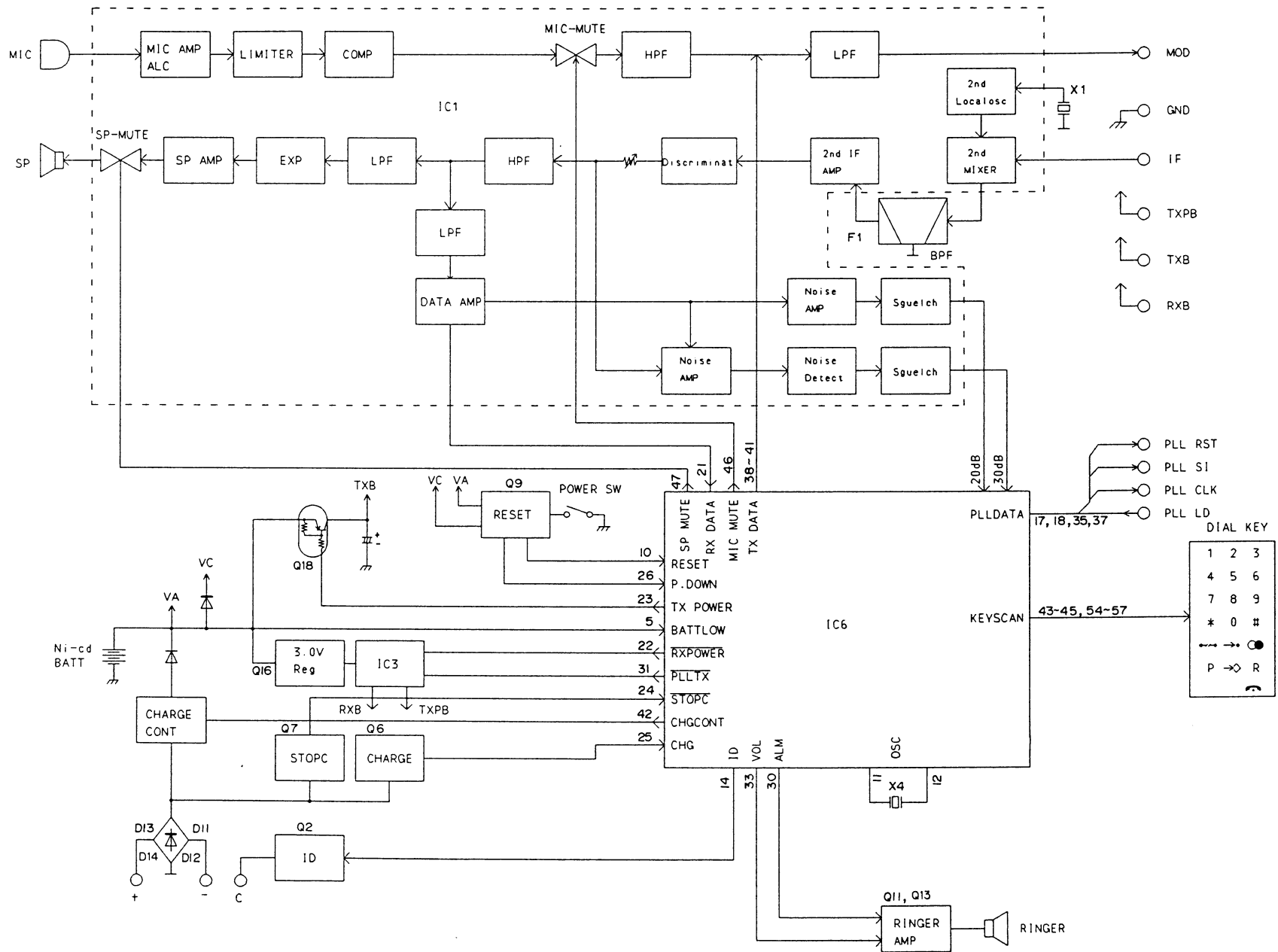


TX freq 902.125MHz
 }
 903.600MHz
 RX freq 926.125MHz
 }
 927.600MHz

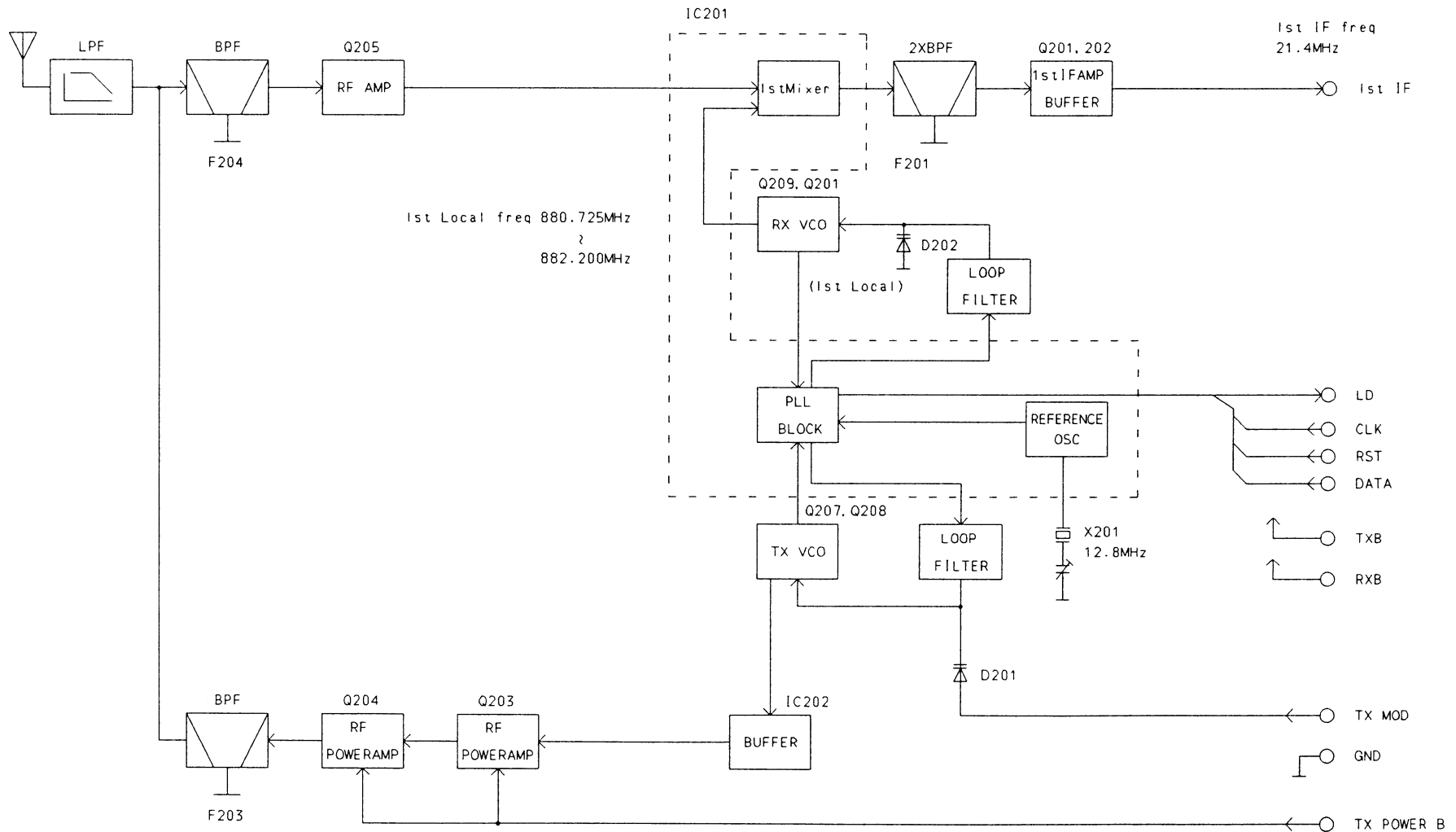


(RF Unit)

BLOCK DIAGRAM (KX-T9550R-B) (Main P.C. Board)

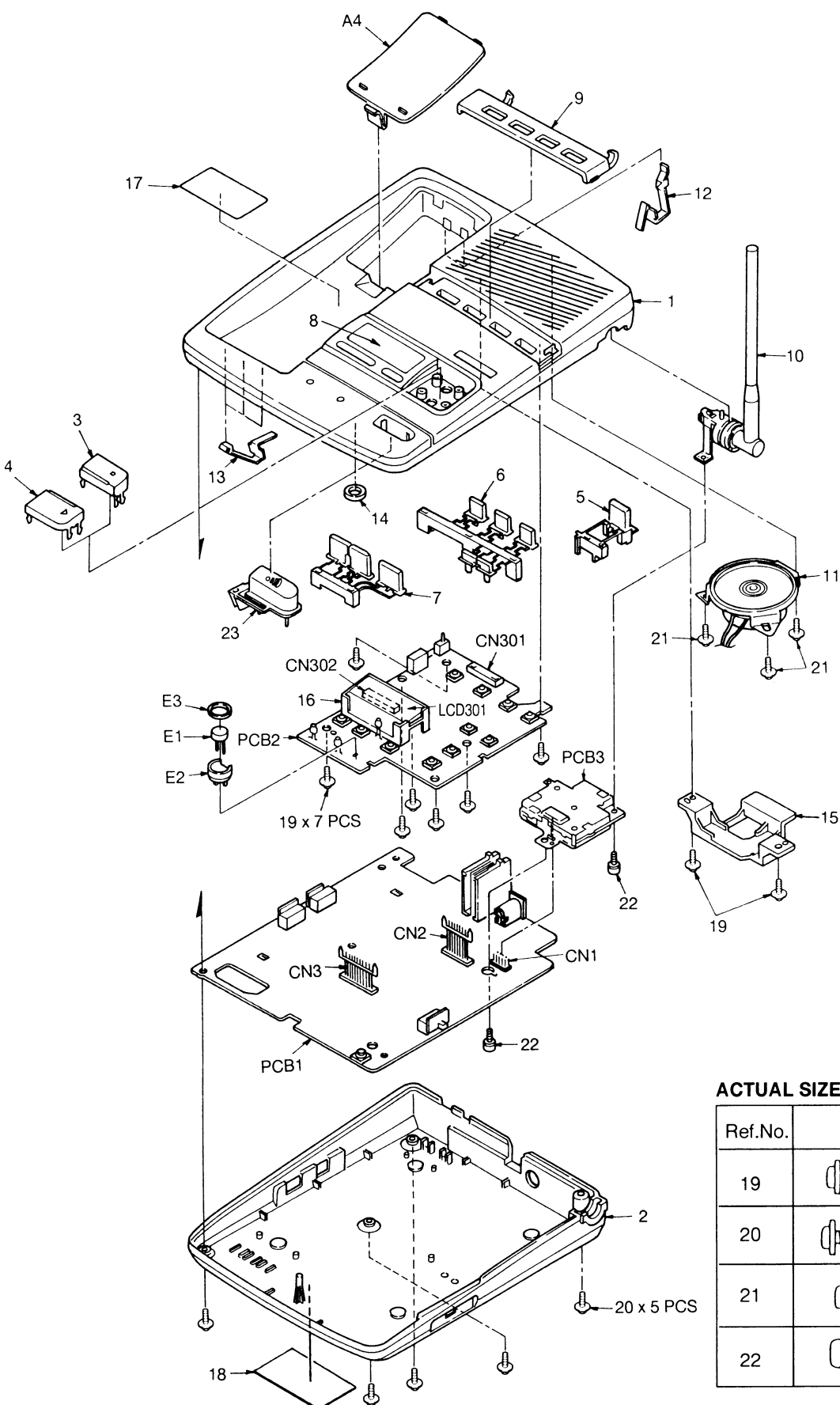


TX freq 926.125MHz
 }
 927.600MHz
 RX freq 902.125MHz
 }
 903.600MHz



(RF Unit)

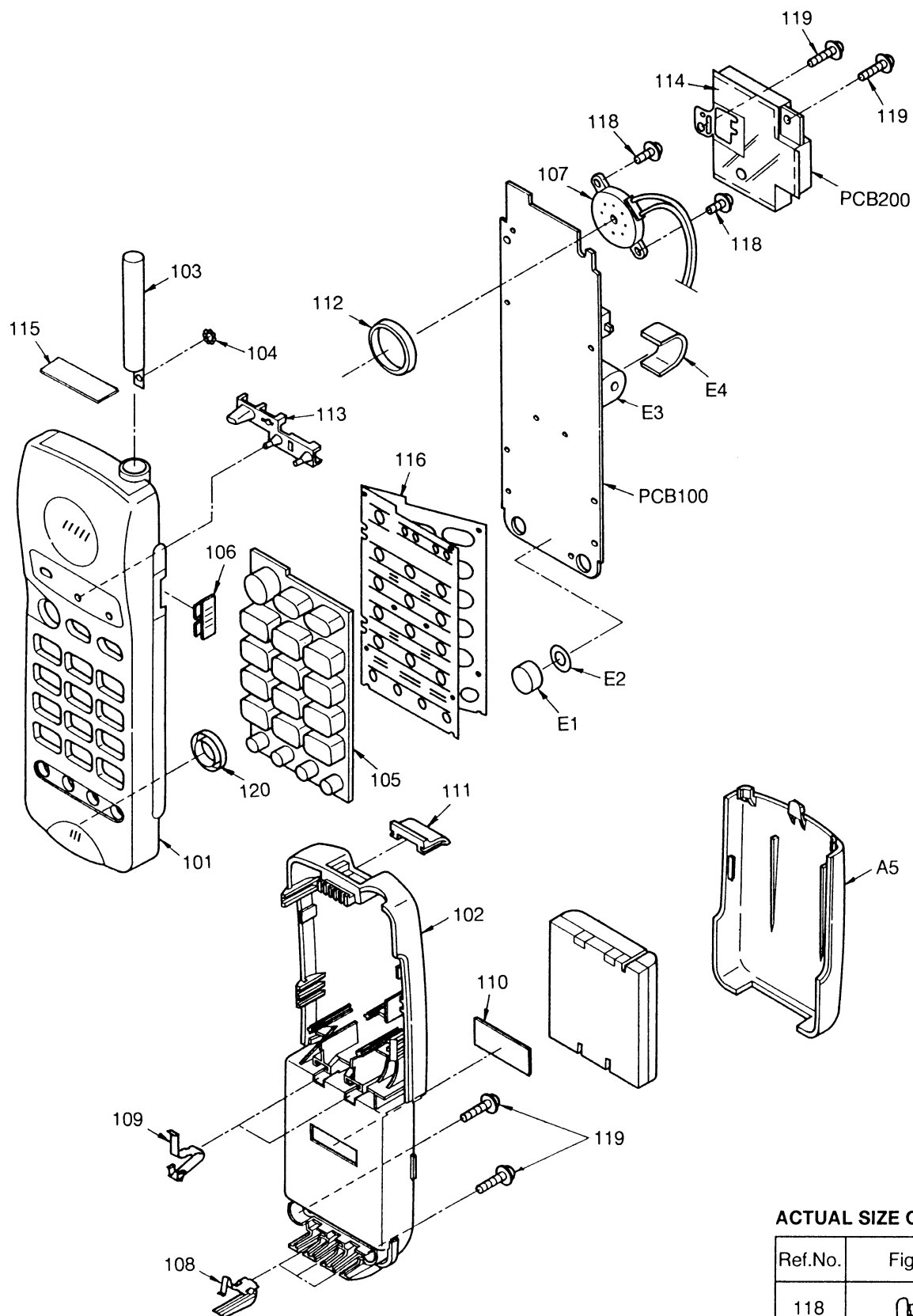
CABINET AND ELECTRICAL PARTS LOCATION (KX-T9550H-B)



ACTUAL SIZE OF SCREWS

Ref.No.	Figure
19	
20	
21	
22	

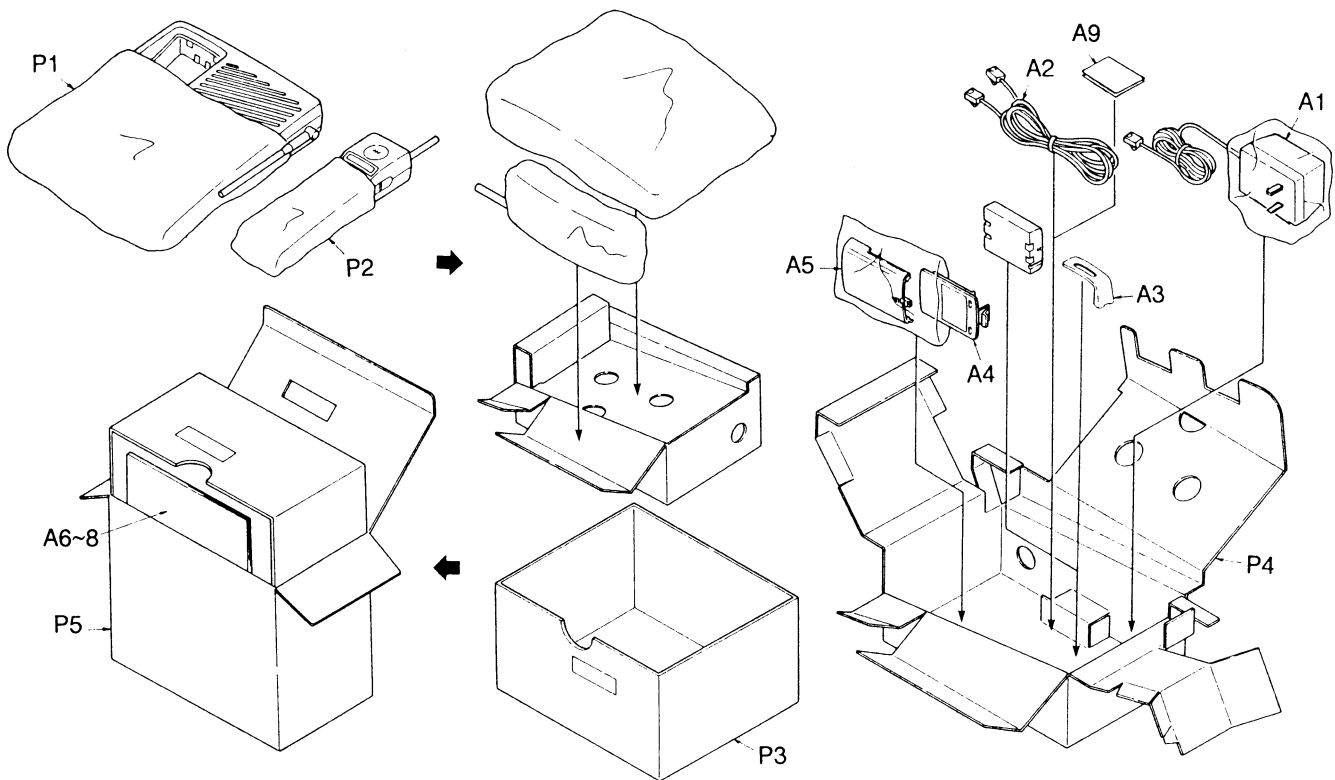
CABINET AND ELECTRICAL PARTS LOCATION (KX-T9550R-B)



ACTUAL SIZE OF SCREWS

Ref.No.	Figure
118	
119	

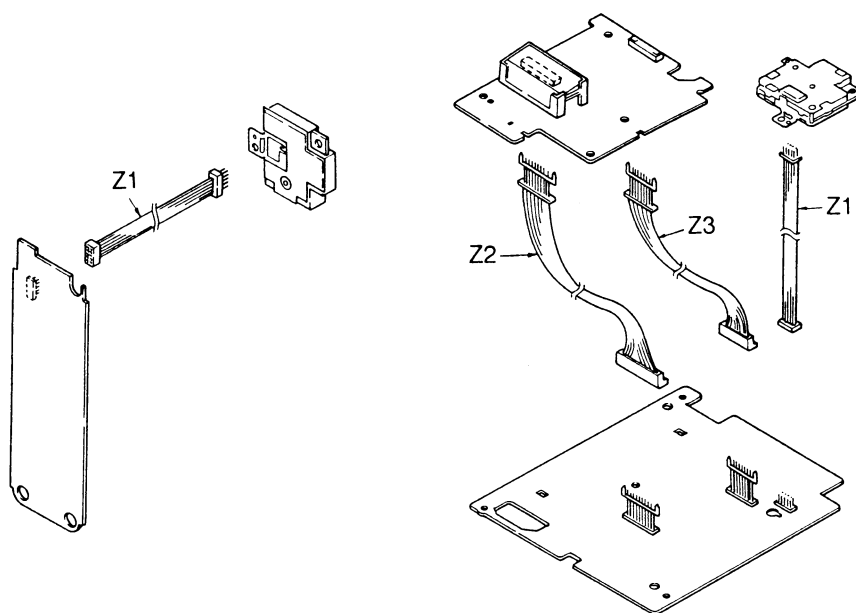
ACCESSORIES AND PACKING MATERIALS



Note: The rechargeable Ni-Cd battery KX-A43 are available through sales route of Panasonic

Fig.63

FIXTURES AND TOOLS



This replacement parts list is U. S. A. version only. Refer to the simplified manual (cover) for Canada or other areas.

REPLACEMENT PARTS LIST

KX-T9550H-B

1. RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

2. Important safety notice

Components identified by the Δ mark special characteristics important for safety. When replacing any of these components, use only manufacturer'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 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	ECCD,ECKD,ECBT,PQCBC : Ceramic
ECQS:Styrol	ECQE,ECQV,ECQG : Polyester
PQCUV: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/Set
CABINET AND ELECTRICAL PARTS			
1	PQKM10167X2	UPPER CABINET	1
2	PQYF10070X1	LOWER CABINET	1
3	PQBC10174Z2	BUTTON	1
4	PQBC10175Y2	BUTTON	1
5	PQBC10200Z1	BUTTON	1
6	PQBX10229Y2	BUTTON	1
7	PQBX10230Z1	BUTTON	S 1
8	PQGP10101Y1	PANEL	1
9	PQKK10051Y2	COVER	1
10	PQSA10031Z	ANTENNA	1
11	PQAS5P13Z	SPEAKER	1
12	PQJT10087Z	BATTERY TERMINAL	2
13	PQJT10088Z	BATTERY TERMINAL	3
14	PQHG10374Z	SPACER	1
15	PQHR10356Y	SPACER	1
16	PQHR10439Z	LCD HOLDER	1
17	PQQT11058X	INDICATION LABEL	1
18	PQGT12331Z	NAME PLATE	1
19	XTW3+S10P	SCREW	9
20	XTW3+S14P	SCREW	5
21	XTW3+S8M	SCREW	3
22	XYC3+CJ10	SCREW	2
23	PQBC10173Z1	BUTTON	1

Ref. No.	Part No.	Part Name & Description	Pcs/Set
MAIN P.C.BOARD PARTS			
PCB1	PQWP1T9550BH	P.C.BOARD ASS'Y (RTL)	1
		(ICS)	
IC2	AN6183SE1	IC	S 1
IC3	PQVIJ4560M	IC	1
IC5	PQVIPC78M06A	IC	S 1
IC6	PQVI46812A13	IC	1
IC7	AN6159FA	IC	1
IC11	PQVITC406BF	IC	1
		(TRANSISTORS)	
Q1	2SA1625	TRANSISTOR(SI)	1
Q2	2SD1819A	TRANSISTOR(SI)	1
Q3	2SD1819A	TRANSISTOR(SI)	1
Q4	2SD2137	TRANSISTOR(SI)	1
Q5	2SB1218A	TRANSISTOR(SI)	1
Q6	2SB1218A	TRANSISTOR(SI)	1
Q7	2SD601R	TRANSISTOR(SI)	S 1
Q8	2SB1218A	TRANSISTOR(SI)	1
Q9	2SD1819A	TRANSISTOR(SI)	1
Q10	2SB1218A	TRANSISTOR(SI)	1
Q11	2SD1819A	TRANSISTOR(SI)	1
Q12	2SD1819A	TRANSISTOR(SI)	1
Q13	2SD1819A	TRANSISTOR(SI)	1
Q14	2SD1819A	TRANSISTOR(SI)	1
Q15	2SD1819A	TRANSISTOR(SI)	1
Q16	2SD1819A	TRANSISTOR(SI)	1
Q17	2SD1819A	TRANSISTOR(SI)	1
Q18	2SD1819A	TRANSISTOR(SI)	1
Q19	PQVTFB1J3P	TRANSISTOR(SI)	1
Q20	PQVTFB1J3P	TRANSISTOR(SI)	1
Q21	2SB1218A	TRANSISTOR(SI)	1
Q22	2SD1819A	TRANSISTOR(SI)	1
Q24	2SB709A	TRANSISTOR(SI)	S 1
Q25	2SB709A	TRANSISTOR(SI)	S 1
Q205	2SD1664Q	TRANSISTOR(SI)	1
Q206	2SD1664Q	TRANSISTOR(SI)	1
Q207	2SD1819A	TRANSISTOR(SI)	1
Q208	2SB1218A	TRANSISTOR(SI)	1
Q213	PQVTFB1J3P	TRANSISTOR(SI)	1
		(DIODES)	
D1	PQVDS1ZB40F1	DIODE(SI)	1
D32	1SS119	DIODE(SI)	1
D42	RLS71	DIODE(SI)	1
D201	MA4047	DIODE(SI)	1
D203	MA4068	DIODE(SI)	1
D204	MA3091	DIODE(SI)	1
D205	1SS119	DIODE(SI)	1
D206	MA4047	DIODE(SI)	1
D208	1SS119	DIODE(SI)	1
D210	1SS119	DIODE(SI)	1
D211	MA8220	DIODE(SI)	1
D212	MA8220	DIODE(SI)	1
D213	1SS119	DIODE(SI)	1
D214	MA4047	DIODE(SI)	1
D215	MA4056	DIODE(SI)	1
D216	1SS119	DIODE(SI)	1
D217	MA4047	DIODE(SI)	1
D218	1SS119	DIODE(SI)	1
D219	MA110	DIODE(SI)	1

This replacement parts list is U. S. A. version only. Refer to the simplified manual (cover) for Canada or other areas.

Ref. No.	Part No.	Part Name & Description	Pcs/Set	Ref. No.	Part No.	Part Name & Description	Pcs/Set
D220	MA4062	DIODE(SI)	1			(OTHERS)	
D221	1SS119	DIODE(SI)	1	SA1	PQVDDSS301L	VARIATOR	1
D222	MA700A	DIODE(SI)	S 1	SA4	PQVDDSA242M	VARISTOR	1
D223	1SS119	DIODE(SI)	1	PO1	PQRPAR390N	POSISTOR	1
D224	MA110	DIODE(SI)	1	F1	PQVFCFW455E	CERAMIC FILTER	S 1
D225	MA4220	DIODE(SI)	1	E1	PQM122Z	MICROPHONE	1
D226	1SS119	DIODE(SI)	1	E2	PQHR10269Z	MIC HOLDER	1
D227	1SS119	DIODE(SI)	1	E3	PQNW10002Z	WASHER	1
D228	1SS119	DIODE(SI)	1				
D229	RLS71	DIODE(SI)	1			(RESISTORS)	
D230	MA8220	DIODE(SI)	1	R1	ERDS2TJ473	47K	1
D231	MA8220	DIODE(SI)	1	R2	PQ4R10XJ104	100K	1
D232	MA8220	DIODE(SI)	1	R3	PQ4R10XJ472	4.7K	1
D233	1SS119	DIODE(SI)	1	R5	PQ4R10XJ473	47K	1
				R6	PQ4R18XJ472	4.7K	1
	(COILS AND TRANSFORMERS)			R7	PQ4R10XJ103	10K	1
L1	PQLE106	COIL	S 1	R8	PQ4R10XJ682	6.8K	1
L2	PQLE106	COIL	S 1	R9	PQ4R10XJ472	4.7K	1
L3	PQLQZM8R2K	COIL	1	R10	ERJ3GEYJ183	18K	1
L4	PQLQZM8R2K	COIL	1	R11	ERJ3GEYJ103	10K	1
L5	PQLE106	COIL	S 1	R12	ERJ3GEYJ393	39K	1
T1	PQLT8F3A	TRANSFORMER	1	R13	ERJ3GEYJ104	100K	1
T2	PQLT9Z19A	TRANSFORMER	1	R14	ERJ3GEYJ223	22K	1
				R15	PQ4R10XJ154	150K	1
				R17	ERJ3GEYJ153	15K	1
		(SWITCHES)		R18	ERJ3GEYJ303	30K	1
S1	EVQQJJ05Q	SWITCH	1	R20	ERDS2TJ331	330	1
S3	PQSS2A27W	SWITCH	1	R21	ERJ3GEYJ332	3.3K	1
S4	PQSS3A17W	SWITCH	1	R22	ERJ3GEYJ154	150K	1
S5	PQSS3A17W	SWITCH	1	R23	ERJ3GEYJ332	3.3K	1
				R25	ERJ3GEYJ274	270K	1
				R26	ERJ3GEYJ333	33K	1
	(PHOTO COUPLERS)			R27	ERJ3GEYJ104	100K	1
PC1	PQVIPC814K	PHOTO ELECTRIC TRANSDUCER	1	R28	ERJ3GEYJ823	82K	1
PC2	PQVITLP127	PHOTO ELECTRIC TRANSDUCER	1	R30	ERJ3GEYJ682	6.8K	1
PC3	PQVIP27011M3	PHOTO ELECTRIC TRANSDUCER	1	R31	PQ4R18XJ184	180K	1
PC4	PQVIP27011M3	PHOTO ELECTRIC TRANSDUCER	1	R32	ERJ3GEYJ103	10K	1
				R33	ERJ3GEYJ153	15K	1
				R34	ERJ3GEYJ153	15K	1
	(CRYSTAL OSCILLATORS)			R36	ERJ3GEYJ222	2.2K	1
X1	PQVCJ7952N5Z	CRYSTAL OSCILLATOR	1	R37	ERJ3GEYJ474	470K	1
X2	PQVCJ2094N4R	CRYSTAL OSCILLATOR	1	R38	PQ4R10XJ102	1K	1
X3	PQVFCDBM455M	CRYSTAL OSCILLATOR	1	R39	ERJ3GEYJ561	560	1
				R40	ERDS2TJ390	39	1
				R41	PQ4R10XJ102	1K	1
	(VARIABLE RESISTORS)			R42	ERDS2TJ181	180	1
VR1	EVNDXAA03B54	VARIABLE RESISTOR	1	R43	ERDS2TJ221	220	1
VR2	EVNDXAA03B24	VARIABLE RESISTOR	1	R44	ERDS2TJ221	220	1
VR3	EVNDXAA03B54	VARIABLE RESISTOR	1	R45	ERJ3GEYJ222	2.2K	1
VR4	EVNDXAA03B54	VARIABLE RESISTOR	1	R46	ERDS2TJ103	10K	1
				R47	ERDS2TJ150	15	1
				R48	ERDS2TJ150	15	1
	(CONNECTORS)			R50	PQ4R10XJ222	2.2K	1
CN1	PQJP10B01Z	CONNECTOR	1	R51	ERJ3GEYJ103	10K	1
CN2	PQJP08B21Z	CONNECTOR	1	R52	PQ4R10XJ103	10K	1
CN3	PQJP10B20Z	CONNECTOR	1	R53	ERD25TJ121	120	1
				R54	ERJ3GEYJ102	1K	1
				R56	ERJ3GEYJ563	56K	1
	(JACKS)			R57	ERJ3GEYJ223	22K	1
JJ1	PQJJ1B4Y	JACK, DC IN	1	R58	PQ4R10XJ822	8.2K	1
JJ2	PQJJ1TA9Z	JACK, TEL	1	R59	PQ4R10XJ332	3.3K	1
				R60	ERJ3GEYJ104	100K	1
				R61	ERJ3GEYJ104	100K	1
				R62	PQ4R10XJ104	100K	1
				R63	ERJ3GEYJ104	100K	1
				R64	ERJ3GEYJ222	2.2K	1

This replacement parts list is U. S. A. version only. Refer to the simplified manual (cover) for Canada or other areas.

Ref. No.	Part No.	Part Name & Description	Pcs/Set	Ref. No.	Part No.	Part Name & Description	Pcs/Set
R65	PQ4R10XJ560	56	1	R149	PQ4R18XJ473	47K	1
R66	ERJ3GEYJ102	1K	1	R151	ERJ3GEYJ333	33K	1
R67	ERJ3GEYJ473	47K	1	R152	ERJ3GEYJ472	4.7K	1
R68	ERJ3GEYJ473	47K	1	R155	ERJ3GEYJ563	56K	1
R69	ERJ3GEYJ473	47K	1	R156	ERJ3GEYJ822	8.2K	1
R70	ERJ3GEYJ473	47K	1	R157	ERJ3GEYJ562	5.6K	1
R72	ERJ3GEYJ102	1K	1	R158	ERJ3GEYJ223	22K	1
R73	ERJ3GEYJ102	1K	1	R159	ERJ3GEYJ562	5.6K	1
R74	ERJ3GEYJ102	1K	1	R160	ERJ3GEYJ473	47K	1
R75	ERJ3GEYJ102	1K	1	R161	ERJ3GEYJ822	8.2K	1
R76	ERJ3GEYJ473	47K	1	R162	ERJ3GEYJ104	100K	1
R77	ERJ3GEYJ473	47K	1	R163	ERJ3GEYJ103	10K	1
R78	ERJ3GEYJ473	47K	1	R167	ERJ3GEYJ104	100K	1
R79	ERJ3GEYJ473	47K	1	R169	PQ4R18XJ223	22K	1
R81	PQ4R18XJ102	1K	1	R172	PQ4R10XJ560	56	1
R82	PQ4R18XJ102	1K	1	R173	ERJ3GEYJ823	82K	1
R83	ERJ3GEYJ473	47K	1	R174	PQ4R18XJ100	10	1
R84	ERJ3GEYJ473	47K	1	R175	ERJ3GEYJ563	56K	1
R85	ERJ3GEYJ473	47K	1	R176	ERJ3GEYJ472	4.7K	1
R86	ERJ3GEYJ473	47K	1	R177	ERJ3GEYJ103	10K	1
R87	ERDS2TJ561	560	1	R178	ERJ3GEYJ474	470K	1
R88	ERDS2TJ561	560	1	R179	ERJ3GEYJ473	47K	1
R89	ERDS2TJ331	330	1	R180	ERJ3GEYJ224	220K	1
R90	ERDS2TJ391	390	1	R181	ERJ3GEYJ473	47K	1
R102	ERJ3GEYJ473	47K	1	R182	ERJ3GEYJ473	47K	1
R103	ERJ3GEYJ105	1M	1	R183	ERJ3GEYJ102	1K	1
R105	ERJ3GEYJ103	10K	1	R184	ERJ3GEYJ102	1K	1
R106	ERJ3GEYJ682	6.8K	1	R185	ERJ3GEYJ473	47K	1
R107	ERJ3GEYJ103	10K	1	R186	ERJ3GEYJ473	47K	1
R108	ERJ3GEYJ824	820K	1	R187	PQ4R10XJ681	680	1
R109	ERJ3GEYJ472	4.7K	1	R188	ERJ3GEYJ103	10K	1
R110	ERJ3GEYJ104	100K	1	R189	ERJ3GEYJ332	3.3K	1
R111	ERJ3GEYJ102	1K	1	R191	ERJ3GEYJ222	2.2K	1
R112	ERJ3GEYJ273	27K	1	R196	ERJ3GEYJ332	3.3K	1
R113	ERJ3GEYJ104	100K	1	R197	PQ4R10XJ682	6.8K	1
R114	ERJ3GEYJ124	120K	1	R198	PQ4R18XJ393	39K	1
R115	ERJ3GEYJ184	180K	1	R199	ERJ3GEYJ153	15K	1
R116	ERJ3GEYJ224	220K	1	R200	PQ4R10XJ100	10	1
R117	ERJ3GEYJ392	3.9K	1	R202	ERJ3GEYJ104	100K	1
R118	ERJ3GEYJ391	390	1	R203	ERJ3GEYJ683	68K	1
R119	ERJ3GEYJ152	1.5K	1	R206	PQ4R10XJ221	220	1
R120	ERJ3GEYJ333	33K	1	R207	ERJ3GEYJ102	1K	1
R121	ERJ3GEYJ243	24K	1	R209	ERJ3GEYJ104	100K	1
R122	ERJ3GEYJ393	39K	1	R210	ERJ3GEYJ474	470K	1
R123	ERJ3GEYJ393	39K	1	R211	PQ4R10XJ474	470K	1
R124	ERJ3GEYJ473	47K	1	R212	ERJ3GEYJ334	330K	1
R125	ERJ3GEYJ473	47K	1	R213	ERJ3GEYJ334	330K	1
R126	ERJ3GEYJ000	0	1	R221	ERJ3GEYJ472	4.7K	1
R127	ERJ3GEYJ392	3.9K	1	R222	ERJ3GEYJ272	2.7K	1
R128	ERJ3GEYJ103	10K	1	R223	ERJ3GEYJ222	2.2K	1
R129	ERJ3GEYJ103	10K	1	R225	ERJ3GEYJ154	150K	1
R130	ERJ3GEYJ273	27K	1	R226	ERJ3GEYJ823	82K	1
R131	ERJ3GEYJ153	15K	1	R227	ERJ3GEYJ104	100K	1
R132	ERJ3GEYJ273	27K	1	R228	PQ4R18XJ333	33K	1
R133	ERJ3GEYJ000	0	1	R229	ERJ3GEYJ332	3.3K	1
R135	ERJ3GEYJ473	47K	1	R230	ERJ3GEYJ822	8.2K	1
R136	ERJ3GEYJ332	3.3K	1	R231	ERJ3GEYJ332	3.3K	1
R137	PQ4R18XJ100	10	1	R232	ECUV1A105ZFEV	1	1
R138	ERJ3GEYJ333	33K	1	R233	ERJ3GEYJ823	82K	1
R139	PQ4R10XJ222	2.2K	1	R234	ERJ3GEYJ272	2.7K	1
R140	ERJ3GEYJ564	560K	1	R237	ERDS2TJ104	100K	1
R141	ERJ3GEYJ103	10K	1	R238	ERJ3GEYJ104	100K	1
R142	ERJ3GEYJ183	18K	1				
R143	ERJ3GEYJ153	15K	1	J1	PQ4R10XJ000	0	1
R144	ERJ3GEYJ000	0	1	J2	PQ4R10XJ000	0	1
R146	PQ4R18XJ474	470K	1	J3	PQ4R10XJ000	0	1
R147	PQ4R18XJ332	3.3K	1	J4	PQ4R10XJ000	0	1

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Ref. No.	Part No.	Part Name & Description	Pcs/Set	Ref. No.	Part No.	Part Name & Description	Pcs/Set
J42	PQ4R18XJ000	0	1	C50	PQCUV1H223KB	0.022	S 1
J74	PQ4R10XJ000	0	1	C51	PQCUV1H105JC	1	S 1
J75	PQ4R18XJ000	0	1	C52	PQCUV1E104MD	0.1	S 1
J76	PQ4R18XJ000	0	1	C53	ECEA1CKS100	10	S 1
J78	PQ4R18XJ000	0	1	C55	ECUV1E105ZF	1	S 1
J79	ERJ3GEYJ000	0	1	C56	ECUV1H152KB	0.0015	S 1
J80	ERJ3GEYJ000	0	1	C57	PQCUV1H102J	0.001	S 1
J81	PQ4R18XJ000	0	1	C58	PQCUV1H101JC	100P	S 1
J82	ERJ3GEYJ000	0	1	C59	PQCUV1H223MD	0.022	1
J83	PQ4R18XJ000	0	1	C60	PQCUV1H223MD	0.022	1
J84	PQ4R18XJ000	0	1	C61	PQCUV1H102J	0.001	S 1
J85	PQ4R18XJ000	0	1	C62	PQCUV1H180JC	18P	1
J86	PQ4R18XJ000	0	1	C63	PQCUV1H180JC	18P	1
J87	ERJ3GEYJ000	0	1	C64	ECEA1CK101	100	S 1
J88	ERJ3GEYJ000	0	1	C65	PQCUV1E104MD	0.1	S 1
J89	PQ4R18XJ000	0	1	C66	PQCUV1E104MD	0.1	S 1
J90	ERJ3GEYJ000	0	1	C67	PQCUV1E104MD	0.1	S 1
J91	PQ4R18XJ000	0	1	C68	PQCUV1E104MD	0.1	S 1
J92	PQ4R18XJ000	0	1	C69	PQCUV1H223MD	0.022	1
J93	PQ4R18XJ000	0	1	C70	PQCUV1H223MD	0.022	1
J94	PQ4R10XJ000	0	1	C71	PQCUV1H105JC	1	S 1
J95	PQ4R18XJ000	0	1	C72	ECEA1CKS100	10	S 1
J96	PQ4R18XJ000	0	1	C73	ECEA1HKS4R7	4.7	S 1
J301	ERJ3GEYJ000	0	1	C74	ECUV1E105ZF	1	S 1
				C75	PQCUV1H332KB	0.0033	S 1
				C77	ECEA1AKA221	220	S 1
				C78	PQCUV1H105JC	1	S 1
				C79	ECUV1H104MD	0.1	S 1
		(CAPACITORS)		C80	PQCUV1H103KB	0.01	S 1
C1	ECKD2H681KB	680P	S 1	C81	PQCUV1H223MD	0.022	1
C2	ECKD2H681KB	680P	S 1	C82	PQCUV1H333JC	0.033	S 1
C3	ECEA1CU221	220	1	C83	ECEA1HKS4R7	4.7	S 1
C4	ECEA1HKS010	1	S 1	C84	ECEA1CKS100	10	S 1
C5	ECEA1CKS100	10	S 1	C85	ECEA1HKS4R7	4.7	S 1
C6	ECUV1C153JDV	0.015	1	C86	PQCUV1E104MD	0.1	S 1
C7	ECEA1CKS220	22	S 1	C88	ECST0JX226	22	1
C8	PQCUV1E104MD	0.1	S 1	C89	ECST0JX226	22	1
C9	ECEA1CKS220	22	S 1	C90	ECST0JX226	22	1
C10	ECEA1AKA221	220	S 1	C92	ECUV1H102KBV	0.001	1
C13	PQCUV1H103KB	0.01	S 1	C93	PQCUV1H105JC	1	S 1
C14	PQCUV1H105JC	1	S 1	C94	PQCUV1H105JC	1	S 1
C15	PQCUV1H331JC	330P	S 1	C95	PQCUV1E104MD	0.1	S 1
C16	PQCUV1H471JC	470P	S 1	C96	PQ4R18XJ000	0	1
C17	ECUV1H101JCV	100P	1	C98	PQCUV1H103KB	0.01	S 1
C18	ECUV1E183KBV	0.018	1	C99	PQCUV1H102J	0.001	S 1
C21	PQCUV1E104MD	0.1	S 1	C103	PQCUV1H103KB	0.01	S 1
C22	ECUV1H104MD	0.1	S 1	C105	PQCUV1H103KB	0.01	S 1
C23	PQCUV1H103KB	0.01	S 1	C108	PQCUV1H103KB	0.01	S 1
C24	PQCUV1H105JC	1	S 1	C110	PQCUV1H101JC	100P	1
C26	PQCUV1H105JC	1	S 1	C202	ECEA1AKA221	220	S 1
C27	PQCUV1E104MD	0.1	S 1	C203	PQCUV1E104MD	0.1	S 1
C28	ECEA1CU331	330	1	C204	ECEA1CKS100	10	S 1
C29	ECEA1EU221	220	1	C205	PQCUV1E104MD	0.1	S 1
C31	PQCUV1H105JC	1	S 1	C206	ECEA1CK101	100	S 1
C32	ECEA1CKS220	22	1	C207	EECFM5R5104	0.1F	1
C33	ECEA1HKS2R2	2.2	S 1	C208	PQCUV1E104MD	0.1	S 1
C34	PQCUV1H332KB	0.0033	S 1	C209	EECFM5R5104	0.1F	1
C35	ECEA1CKS470	47	S 1	C210	PQCUV1E473MD	0.047	1
C36	ECEA1CKS100	10	S 1	C211	PQCUV1H223MD	0.022	1
C37	ECEA1CK470	47	1	C212	PQCUV1H223MD	0.022	1
C40	ECQE2224KF	0.22	1	C213	PQCUV1H105JC	1	S 1
C42	PQCUV1H220JC	22P	1	C214	PQCUV1H105JC	1	S 1
C43	PQCUV1H220JC	22P	1	C215	PQ4R10XJ000	0	1
C44	ECUV1H103KB	0.01	S 1	C216	PQCUV1E104MD	0.1	S 1
C45	PQCUV1E104MD	0.1	S 1	C217	ECEA1CKS100	10	S 1
C46	PQCUV1H103KB	0.01	S 1	C255	PQCUV1H103KB	0.01	S 1
C48	PQCUV1H105JC	1	S 1	C256	PQCUV1H103KB	0.01	S 1
C49	ECEA1CKS100	10	S 1				

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Ref. No.	Part No.	Part Name & Description	Pcs/Set	Ref. No.	Part No.	Part Name & Description	Pcs/Set
OPERATIONAL P.C.BOARD PARTS						(RESISTORS)	
PCB2	PQWP2T9550BH	P.C.BOARD ASS'Y (RTL)	1	R301	PQ4R10XJ473	47K	1
		(ICS)		R302	PQ4R10XJ683	68K	1
IC301	PQVI48412A20	IC	1	R303	PQ4R10XJ334	330K	1
IC302	PCVID6305AD	IC	1	R304	PQ4R10XJ105	1M	1
IC303	PQVIKM5040AC	IC	1	R305	PQ4R10XJ335	3.3M	1
IC304	PQVILH53170M	IC	1	R306	PQ4R10XJ104	100K	1
IC305	PQVIMC5480DW	IC	1	R307	PQ4R10XJ683	68K	1
IC306	PQVISC111815	IC	1	R308	PQ4R10XJ474	470K	1
IC307	PQVINJM4558M	IC	1	R309	PQ4R10XJ224	220K	1
		(TRANSISTORS)		R313	PQ4R10XJ105	1M	1
Q301	2SD1819A	TRANSISTOR(SI)	1	R314	PQ4R10XJ106	10M	1
Q302	2SB1218A	TRANSISTOR(SI)	1	R315	PQ4R10XJ821	820	1
Q303	2SD1819A	TRANSISTOR(SI)	1	R316	PQ4R10XJ821	820	1
Q304	2SD1819A	TRANSISTOR(SI)	1	R317	PQ4R10XJ182	1.8K	1
Q305	2SD1819A	TRANSISTOR(SI)	1	R318	PQ4R10XJ221	220	1
		(DIODES)		R319	PQ4R10XJ105	1M	1
D301	PQVDHZ3BLL	DIODE(SI)	1	R320	PQ4R18XJ100	10	1
D302	MA8091	DIODE(SI)	1	R321	PQ4R10XJ103	10K	1
D310	MA8180	DIODE(SI)	1	R322	PQ4R10XJ152	1.5K	1
LED302	LNJ277RKRAA	LED	1	R323	PQ4R10XJ222	2.2K	1
LED303	PQVDSL22MG4	LED	1	R324	PQ4R10XJ100	10	1
LED304	PQVDSL22VR4	LED	1	R326	PQ4R10XJ103	10K	1
LED305	PQVDSL505VC	LED	1	R327	PQ4R10XJ683	68K	1
		(COILS)		R329	PQ4R10XJ103	10K	1
L301	PQLQR1ET	COIL	1	R330	PQ4R10XJ223	22K	1
L302	PQLQR1ET	COIL	1	R331	PQ4R10XJ182	1.8K	1
		(SWITCHES)		R332	PQ4R10XJ100	10	1
S301	EVQQJJ05Q	SWITCH	1	R333	PQ4R10XJ682	6.8K	1
S303	EVQQJJ05Q	SWITCH	1	R334	PQ4R10XJ273	27K	1
S304	EVQQJJ05Q	SWITCH	1	R335	PQ4R10XJ273	27K	1
S305	EVQQJJ05Q	SWITCH	1	R336	PQ4R10XJ473	47K	1
S306	EVQQJJ05Q	SWITCH	1	R338	PQ4R18XJ104	100K	1
S307	EVQQJJ05Q	SWITCH	1	R339	PQ4R10XJ683	68K	1
S308	EVQQJJ05Q	SWITCH	1	R340	PQ4R10XJ103	10K	1
S309	EVQQJJ05Q	SWITCH	1	R341	PQ4R10XJ473	47K	1
S310	EVQQJJ05Q	SWITCH	1	R342	PQ4R10XJ683	68K	1
S311	EVQQJJ05Q	SWITCH	1	R343	PQ4R10XJ103	10K	1
S312	EVQQJJ05Q	SWITCH	1	R344	PQ4R10XJ334	330K	1
S313	PQSH1A51Z	SWITCH	1	R346	PQ4R10XJ333	33K	1
		(CRYSTAL OSCILLATORS)		R347	PQ4R10XJ563	56K	1
X301	PQVBT3.58G8	CERAMIC FILTER	1	R348	PQ4R10XF1202	12K	1
X302	PQVCL3276N6Z	CRYSTAL OSCILLATOR	1	R349	PQ4R10XJ472	4.7K	1
X303	PQVCG2949N5Z	CRYSTAL OSCILLATOR	1	R350	PQ4R10XJ154	150K	1
		(CONNECTORS)		R351	PQ4R10XJ472	4.7K	1
CN301	PQJS08A57Z	CONNECTOR	1	R352	PQ4R10XJ223	22K	1
CN302	PQJS10A57Z	CONNECTOR	1	R353	PQ4R10XJ473	47K	1
		(LCD)		R354	PQ4R10XJ224	220K	1
LCD301	PQADRC1363R	LIQUID CRYSTAL DISPLAY	1	R355	PQ4R10XJ101	100	1
				R356	PQ4R10XJ473	47K	1
				R361	PQ4R10XJ104	100K	1
				R390	PQ4R10XJ221	220	1
				R391	PQ4R10XJ103	10K	1
				R392	PQ4R10XJ104	100K	1
						(CAPACITORS)	
				C301	PQCUV1E104MD	0.1	1
				C303	PQCUV1E104MD	0.1	1
				C309	PQCUV1H180JC	18P	1
				C310	PQCUV1H180JC	18P	1
				C311	PQCUV1E104MD	0.1	1
				C312	PQCUV1E104MD	0.1	1
				C313	PQCUV1E104MD	0.1	1
				C314	PQCUV1H100DC	10P	1
				C315	PQCUV1H100DC	10P	1
				C316	ECST0XJ226	22	1

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Ref. No.	Part No.	Part Name & Description	Pcs/Set	Ref. No.	Part No.	Part Name & Description	Pcs/Set
C317	PQCUV1E104MD	0.1	S 1			(DIODES)	
C318	PQCUV1H471JC	470P	S 1	D201	PQVD1SV276	DIODE(SI)	1
C319	PQCUV1E104MD	0.1	S 1	D202	PQVD1SV276	DIODE(SI)	1
C320	PQ4R10XJ000	0	1	D203	MA110	DIODE(SI)	1
C322	PQCUV1H272KB	0.0027	1				
C323	PQCUV1E473MD	0.047	1			(COILS)	
C324	PQCUV1H103KB	0.01	S 1	L201	MQLRE6N8JF	COIL	1
C326	PQCUV1E104MD	0.1	S 1	L202	PQLQR2M8N2KT	COIL	1
C327	PQCUV1E104MD	0.1	S 1	L203	PQLQR2N1R0KT	COIL	1
C329	PQCUV1C683MD	0.068	1	L204	PQLQR2N1R0KT	COIL	1
C330	PQCUV1E104MD	0.1	S 1	L205	PQLQR2M10NKT	COIL	1
C331	PQCUV1E104MD	0.1	S 1	L207	PQLQR2M8N2KT	COIL	1
C333	PQCUV1H472KB	0.0047	1	L208	MQLRE5N6JF	COIL	1
C334	PQCUV1H223MD	0.022	1	L209	PQLQR2M8N2KT	COIL	1
C335	PQCUV1H272KB	0.0027	1	L210	PQLQR2M10NKT	COIL	1
C336	PQCUV1H223MD	0.022	1	L211	PQLQR2M6N8KT	COIL	1
C337	PQCUV1H223MD	0.022	1	L212	PQLQR2M10NKT	COIL	1
C338	ECEA0JXS220	22	1				
C339	PQCUV1H562KB	0.0056	S 1			(SAW FILTERS)	
C340	PQCUV1H103KB	0.01	S 1	F201	PQVCM214M15A	SAW FILTER	1
C341	PQCUV1H102J	0.001	S 1	F203	EZFN903AM01	SAW FILTER	1
C342	ECEA1AKS101	100	1	F204	PQVSNSVA927N	SAW FILTER	1
C343	PQCUV1H103KB	0.01	S 1				
C344	ECEA1AKS101	100	1			(TRIMMER CAPACITORS)	
C345	PQCUV1H103KB	0.01	S 1	VC201	PQCVTZB10ZA	TRIMMER CAPACITOR	1
C346	ECST0JX336	33	1	VC202	PQCVTZB06ZA	TRIMMER CAPACITOR	1
C347	PQCUV1E104MD	0.1	S 1	VC203	PQCVTZB06ZA	TRIMMER CAPACITOR	1
C348	PQCUV1H103KB	0.01	S 1				
C349	PQCUV1H101JC	100P	S 1			(OTHERS)	
C350	PQCUV1H683MD	0.068	S 1	X201	PQVCF1280K1Z	CRYSTAL OSCILLATOR	1
C351	PQCUV1H223MD	0.022	1	CN201	PQJS10A82Z	CONNECTOR	1
C352	ECST0JY106	10	1				
C353	EECW5R5D473	0.047	S 1			(RESISTORS)	
C354	PQCUV1E104MD	0.1	S 1	R201	ERJ2GEJ222	2.2K	1
C355	ECST0JX226	0	1	R202	ERJ2GEJ151	150	1
C356	PQCUV1E104MD	0.1	S 1	R204	ERJ2GEJ182	1.8K	1
C357	PQCUV1E104MD	0.1	S 1	R205	ERJ3GEYJ153	15K	1
C358	PQCUV1E104MD	0.1	S 1	R206	ERJ3GEYJ153	15K	1
C360	PQCUV1E104MD	0.1	S 1	R207	ERJ3GEYJ333	33K	1
C370	PQCUV1H683MD	0.068	S 1	R208	ERJ3GEYJ220	22	1
C371	PQCUV1H223MD	0.022	1	R209	ERJ3GEYJ470	47	1
RF UNIT PARTS				R210	ERJ3GEYJ102	1K	1
PCB3	PQLP10090M	P.C.BOARD ASS'Y (RTL)	1	R211	ERJ3GEYJ472	4.7K	1
		(ICS)		R212	ERJ3GEYJ104	100K	1
IC201	PQVIM64084GP	IC	1	R213	ERJ3GEYJ152	1.5K	1
IC202	PQVIPC2746TE	IC	1	R214	ERJ2GEJ561	560	1
		(TRANSISTORS)		R215	ERJ3GEYJ470	47	1
Q201	2SC4099NT106	TRANSISTOR(SI)	1	R216	ERJ3GEYJ104	100K	1
Q202	2SC4099NT106	TRANSISTOR(SI)	1	R219	ERJ3GEYJ100	10	1
Q204	2SC3356R24	TRANSISTOR(SI)	1	R220	ERJ3GEYJ153	15K	1
Q205	2SC4571R77	TRANSISTOR(SI)	S 1	R221	ERJ3GEYJ683	68K	1
Q206	2SC4226R24	TRANSISTOR(SI)	1	R222	ERJ3GEYJ470	47	1
Q207	2SC5086	TRANSISTOR(SI)	1	R223	ERJ3GEYJ470	47	1
Q208	2SC5086	TRANSISTOR(SI)	1	R224	ERJ2GEJ182	1.8K	1
Q209	2SC5086	TRANSISTOR(SI)	1	R226	ERJ3GEYJ220	22	1
Q210	2SC5086	TRANSISTOR(SI)	1	R227	ERJ3GEYJ473	47K	1
				R229	ERJ2GEJ821	820	1
				R230	ERJ3GEYJ333	33K	1
				R231	ERJ3GEYJ153	15K	1
				R232	ERJ3GEYJ153	15K	1
				R233	ERJ3GEYJ681	680	1
				R236	ERJ2GEJ821	820	1

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R237	ERJ3GEYJ471	470	1	C260	ECUV1H020CCV	2P	1
R239	ERJ2GEJ682	6.8K	1	C261	ECUE1H150JCQ	15P	1
R240	ERJ2GEJ682	6.8K	1	C262	ECUV1H010CCV	1P	1
R241	ERJ2GEJ271	270	1	C263	ECUE1E102KBQ	0.001	1
R242	ERJ2GEJ682	6.8K	1	C264	ECUV1H102KBV	0.001	1
R243	ERJ2GEJ682	6.8K	1	C265	ECUV1H040CCV	4P	1
R244	ERJ2GEJ271	270	1	C266	ECUV1H100DCV	10P	1
J201	ERJ3GEYJ000	0	1				
J202	PQ4R18XJ000	0	1				
		(CAPACITORS)					
C201	ECUE1E102KBQ	0.001	1				
C202	ECUV1H101JCV	100P	1				
C203	ECUE1H2R5BUQ	2.5	1				
C204	ECUE1H150JCQ	15P	1				
C205	ECST0JX226	22	1				
C206	ECUE1H030CCQ	3P	1				
C207	ECUV1H104ZFB	0.1	S 1				
C208	ECUE1H040CCQ	4P	1				
C209	ECUE1H030CCQ	3P	1				
C210	ECUV1H332KBV	0.0033	1				
C211	ECUV1H332KBV	0.0033	1				
C212	ECUV1H104ZFB	0.1	S 1				
C213	ECUV1H102KBV	0.001	1				
C215	ECUE1E102KBQ	0.001	1				
C216	ECUE1H020CCQ	2P	1				
C217	ECUV1H101JCV	100P	1				
C218	ECUV1H060DCV	6P	1				
C219	ECUE1H180JCQ	18P	1				
C220	ECUE1C103KBQ	0.01	1				
C223	ECUV1H102KBV	0.001	1				
C224	ECUE1H030CCQ	3P	1				
C225	ECUV1H040CCV	4P	1				
C226	ECUE1H020CCQ	2P	1				
C227	ECUE1H040CCQ	4P	1				
C229	ECUV1H050CCV	5P	1				
C230	ECUV1H102KBV	0.001	1				
C231	ECUV1H101JCV	100P	1				
C232	ECUV1H040CCV	4P	1				
C233	ECUV1H100DCV	10P	1				
C234	ECUE1E102KBQ	0.001	1				
C235	ECUE1H040CCQ	4P	1				
C236	ECUE1H040CCQ	4P	1				
C237	ECUV1H020CCV	2P	1				
C238	ECUV1H510JGV	51P	1				
C239	ECST0JX226	22	1				
C240	ECUV1H102KBV	0.001	1				
C241	ECUV1H104ZFB	0.1	S 1				
C242	ECUE1H030CCQ	3P	1				
C243	ECUE1H030CCQ	3P	1				
C244	ECUE1H030CCQ	3P	1				
C245	ECUV1H430JGV	43P	1				
C246	ECUE1E102KBQ	0.001	1				
C247	ECUV1H120JGV	12P	1				
C248	ECUE1H2R5BUQ	2.5	1				
C249	ECUV1H102KBV	0.001	1				
C250	ECUV1C224KB	0.22	1				
C251	ECUV1H562KBV	0.0056	1				
C252	ECUV1H562KBV	0.0056	1				
C253	ECST0JX226	22	1				
C254	ECUV1H103KBV	0.01	1				
C255	ECUV1H103KBV	0.01	1				
C256	ECUV1H330JCV	33P	1				
C257	ECUV1H330JCV	33P	1				
C258	ECUV1H330JCV	33P	1				
C259	ECUV1H101JCV	100P	1				

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REPLACEMENT PARTS LIST

KX-T9550R-B

1. RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

2. Important safety notice

Components identified by the Δ mark special characteristics important for safety.

When replacing any of these components, use only manufacturer'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 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
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*Type & Voltage of Capacitor

Type

ECFD:Semi-Conductor	ECDD,ECKD,ECBT,PQCBC : Ceramic
EQCS:Styrol	ECQE,ECQV,ECQG : Polyester
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/Set
CABINET AND ELECTRICAL PARTS			
101	PQKM10159Q2	FRONT CABINET	1
102	PQKF10119Z2	CABINET COVER	S 1
103	PQSA808X	ANTENNA	1
104	XWC26BFN	WASHER	1
105	PQSX10031Y	KEY PAD BUTTON	1
106	PQBD10032Z1	KNOB	1
107	PQAX3P18Z	SPEAKER	1
108	PQJT10085Z	BATTERY TERMINAL	S 3
109	PQJT10086Z	BATTERY TERMINAL	2
110	PQHX10085Z	COVER	1
111	PQKE10038Z2	HANGER	S 1
112	PQHG10300Z	SPACER	1
113	PQHR10440Z	LED HOLDER	1
114	PQHX10508Z	INSULATOR	1
115	PQGT12332Z	NAME PLATE	S 1
116	PQSX10032Z	KEYBOARD SWITCH	1
117	PQHR10440Z	LED HOLDER	1
118	XTN26+6J	SCREW	2
119	XTW26+12F	SCREW	4
120	PQHG10286Z	MICROPHONE HOLDER	1

Ref. No.	Part No.	Part Name & Description	Pcs/Set
MAIN P.C.BOARD PARTS			
PCB100	PQWPT9550BR	P.C.BOARD ASS'Y (RTL)	
		(ICS)	
IC1	AN6159FA	IC	1
IC2	PQVIXC3002MR	IC	1
IC3	PQVIA8184SLT	IC	1
IC4	PQVISC78184D	IC	1
IC6	PQVI4829C60H	IC	1
		(TRANSISTORS)	
Q1	2SD1328	TRANSISTOR(SI)	1
Q2	2SC4116	TRANSISTOR(SI)	1
Q6	2SC4116	TRANSISTOR(SI)	1
Q7	2SC4116	TRANSISTOR(SI)	1
Q9	2SB1218A	TRANSISTOR(SI)	1
Q10	PQVTDTC143E	TRANSISTOR(SI)	1
Q11	PQVTDTC143E	TRANSISTOR(SI)	1
Q13	PQVTDTA143EU	TRANSISTOR(SI)	1
Q14	PQVDTDB123E	TRANSISTOR(SI)	1
Q15	2SC4116	TRANSISTOR(SI)	1
Q16	PQVDTDB123E	TRANSISTOR(SI)	1
Q17	PQVDTDB123E	TRANSISTOR(SI)	1
Q18	PQVTDTA143EU	TRANSISTOR(SI)	1
Q19	2SD1819A	TRANSISTOR(SI)	1
Q20	PQVTDTA143EU	TRANSISTOR(SI)	1
Q21	PQVTDTA143EU	TRANSISTOR(SI)	1
		(DIODES)	
D1	MA8150	DIODE(SI)	1
D3	MA110	DIODE(SI)	1
D5	PQVDRB751H4	DIODE(SI)	1
D6	LN1371G	LED	1
D7	LN1371G	LED	1
D8	LN1371G	LED	1
D9	LN1371G	LED	1
D10	LN1261C	LED	1
D11	MA110	DIODE(SI)	1
D12	MA110	DIODE(SI)	1
D13	MA110	DIODE(SI)	1
D14	MA110	DIODE(SI)	1
D15	MA110	DIODE(SI)	1
D16	MA8039	DIODE(SI)	1
D18	LN1261C	LED	1
D19	LN1361C	LED	1
DJ	MA110	DIODE(SI)	1
		(VARIABLE RESISTOR)	
VR1	EVM1YSX50B24	VARIABLE RESISTOR	1
VR3	EVM1YSX50B54	VARIABLE RESISTOR	1
VR4	EVM1SSX50B53	VARIABLE RESISTOR	1
VR5	EVM1YSX50B54	VARIABLE RESISTOR	1
		(CRYSTAL OSCILLATOR)	
X1	PQVC02094N4R	CRYSTAL OSCILLATOR	1
X3	PQVBTCS4.00M	CRYSTAL OSCILLATOR	1
X4	PQVCE3276N9Z	CRYSTAL OSCILLATOR	1

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Ref. No.	Part No.	Part Name & Description	Pcs/Set	Ref. No.	Part No.	Part Name & Description	Pcs/Set
S1	ESD11H120	(SWITCH) SWITCH	1	R71	PQ4R10XJ100	10	1
F1	PQVFSFPC455E	(OTHERS) CERAMIC FILTER	1	R72	PQ4R10XJ100	10	1
L1	PQVFCDBC455M	CERAMIC FILTER	1	R79	ERJ3GEYJ103	10K	1
CN1	PQJP10B01Z	CONNECTOR	1	R80	ERJ3GEYJ104	100K	1
E1	PQJM122Z	MICROPHONE	1	R81	ERJ3GEYJ683	68K	1
E2	PQHX10503Z	SPACER	1	R82	ERJ3GEYJ391	390	1
E3	PQEFBQM111G3	BUZZER	1	R83	ERJ3GEYJ391	390	1
E4	PQHG10326Z	SPACER	1	R84	ERJ3GEYJ391	390	1
				R85	ERJ3GEYJ391	390	1
				R88	ERJ3GEY0R00	0	1
				R89	ERJ3GEY0R00	0	1
				R94	ERJ3GEY0R00	0	1
				R95	ERJ3GEY0R00	0	1
				R100	ERJ3GEYJ101	100	1
				R101	ERJ3GEYJ101	100	1
				R102	ERJ3GEYJ101	100	1
R1	ERJ3GEYJ824	(RESISTORS) 820K	1	R103	ERJ3GEYJ101	100	1
R2	ERJ3GEYJ100	10	1	R104	ERJ3GEYJ100	10	1
R3	ERJ3GEYJ273	27K	1	R106	ERJ3GEYJ120	12	1
R4	ERJ3GEYJ332	3.3K	1	R108	ERJ3GEYJ121	120	1
R5	ERJ3GEYJ273	27K	1	R110	ERJ3GEYJ102	1K	1
R8	ERJ3GEYJ473	47K	1	R111	ERJ3GEYJ102	1K	1
R9	ERJ3GEYJ183	18K	1	R112	ERJ3GEYJ102	1K	1
R11	ERJ3GEYJ823	82K	1	R113	ERJ3GEYJ102	1K	1
R13	ERJ3GEYJ152	1.5K	1	R116	ERJ3GEYJ224	220K	1
R15	ERJ3GEYJ104	100K	1	R117	ERJ3GEYJ391	390	1
R16	ERJ3GEYJ473	47K	1	R118	ERJ3GEYJ392	3.9K	1
R18	ERJ3GEYJ564	560K	1	R120	PQ4R10XJ000	0	1
R19	ERJ3GEYJ103	10K	1	R121	PQ4R10XJ000	0	1
R20	ERJ3GEYJ183	18K	1	R123	ERJ3GEYJ102	1K	1
R21	ERJ3GEYJ223	22K	1	R124	ERJ3GEYJ102	1K	1
R22	ERJ3GEYJ183	18K	1	R125	ERJ3GEYJ102	1K	1
R23	ERJ3GEYJ104	100K	1	R126	ERJ3GEYJ102	1K	1
R24	ERJ3GEYJ184	180K	1	R127	ERJ3GEYJ102	1K	1
R25	ERJ3GEYJ823	82K	1	R149	ERJ3GEYJ183	18K	1
R26	ERJ3GEYJ333	33K	1	R155	ERJ3GEYJ823	82K	1
R27	ERJ3GEYJ122	1.2K	1	R158	ERJ3GEY0R00	0	1
R28	ERJ3GEYJ332	3.3K	1	R159	ERJ3GEYJ103	10K	1
R29	ERJ3GEYJ472	4.7K	1	R164	ERJ3GEYJ154	150K	1
R30	ERJ3GEYJ104	100K	1	R165	ERJ3GEY0R00	0	1
R31	ERJ3GEYJ103	10K	1	R166	ERJ3GEYJ472	4.7K	1
R37	ERJ3GEY0R00	0	1	R167	ERJ3GEYJ562	5.6K	1
R38	ERJ3GEYJ105	1M	1	R172	ERJ3GEYJ222	2.2K	1
R39	ERJ3GEYJ102	1K	1	R173	ERJ3GEYJ101	100	1
R40	ERJ3GEYJ681	680	1	R174	ERJ3GEYJ222	2.2K	1
R41	ERJ3GEYJ100	10	1	R175	ERJ3GEYJ152	1.5K	1
R42	ERJ3GEYJ100	10	1	R176	ERJ3GEYJ334	330K	1
R45	ERJ3GEYJ100	10	1	R177	ERJ3GEYJ103	10K	1
R46	ERJ3GEYJ102	1K	1	R179	ERJ3GEYJ102	1K	1
R47	ERJ3GEYJ102	1K	1	R180	ERJ3GEYJ824	820K	1
R48	ERJ3GEYJ102	1K	1	R181	ERJ3GEYJ681	680	1
R49	ERJ3GEYJ102	1K	1	R182	ERJ3GEYJ102	1K	1
R51	ERJ3GEYJ124	120K	1	R183	ERJ3GEYJ103	10K	1
R53	ERJ3GEYJ563	56K	1	R195	ERJ3GEY0R00	0	1
R55	ERJ3GEYJ273	27K	1	R196	ERJ3GEYJ102	1K	1
R57	ERJ3GEYJ153	15K	1	R197	ERJ3GEY0R00	0	1
R58	ERJ3GEYJ332	3.3K	1	R200	ERJ3GEY0R00	0	1
R59	ERJ3GEYJ392	3.9K	1	R202	ERJ3GEYJ681	680	1
R60	ERJ3GEYJ104	100K	1	R203	ERJ3GEYJ391	390	1
R61	ERJ3GEYJ102	1K	1				
R62	ERJ3GEYJ222	2.2K	1	J201	ERJ3GEY0R00	0	1
R63	ERJ3GEYJ334	330K	1	D17	PQ4R10XJ000	0	1
R64	ERJ3GEYJ103	10K	1	L2	ERJ3GEY0R00	0	1
R65	ERJ3GEYJ472	4.7K	1	C2	ERJ3GEY0R00	0	1
R66	ERJ3GEYJ124	120K	1				
R67	ERJ3GEYJ474	470K	1				

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Ref. No.	Part No.	Part Name & Description	Pcs/Set	Ref. No.	Part No.	Part Name & Description	Pcs/Set																																
				RF UNIT PARTS																																			
C1	ECST0GY226	22	1	PCB200	PQLP10104M	P.C. BOARD ASS'Y (RTL)	1																																
C3	PQCUV1E104MD	0.1	1																																				
C4	PQCUV1E104MD	0.1	1																																				
C5	ECUV1H223KBV	0.022	S 1																																				
C6	ECUV1H223KBV	0.022	S 1																																				
C7	PQCUV1H105JC	1	S 1																																				
C8	ECST0JY106	10	1																																				
C9	ECST0JY475	4.7	1																																				
C10	PQCUV1H105JC	1	S 1																																				
C11	ECST0GY226	22	1																																				
C12	PQCUV1E104MD	0.1	S 1	Q201	2SC4099NT106	(TRANSISTORS)	1																																
C13	ECUV1H330JCV	33P	1	Q202	2SC4099NT106	TRANSISTOR(SI)	1																																
C14	ECUV1H180JCV	18P	1	Q204	2SC3356R24	TRANSISTOR(SI)	1																																
C15	ECUV1H102KBV	0.001	1	Q205	2SC4571R77	TRANSISTOR(SI)	S 1																																
C16	ECUV1H153KBV	0.015	S 1	Q206	2SC4226R24	TRANSISTOR(SI)	1																																
C18	ECUV1H101JCV	100P	1	Q207	2SC5007	TRANSISTOR(SI)	1																																
C19	ECUV1H102KBV	0.001	1	Q208	2SC5086	TRANSISTOR(SI)	1																																
C20	PQCUV1H105JC	1	S 1	Q209	2SC5086	TRANSISTOR(SI)	1																																
C21	ECUV1H392KBV	0.0039	1	Q210	2SC5007	TRANSISTOR(SI)	1																																
C22	ECST0JX226	22	1	D201	PQVD1SV276	(DIODES)	1																																
C23	PQCUV1E104MD	0.1	1																																				
C24	PQCUV1E104MD	0.1	1																																				
C25	ECUV1H103KBV	0.01	S 1																																				
C26	PQCUV1H103KB	0.01	S 1																																				
C27	PQCUV1H223MD	0.022	1																																				
C28	ECST0JY475	4.7	1																																				
C29	ECST0JY106	10	1																																				
C30	ECST0JY475	4.7	1																																				
C31	PQCUV1E104MD	0.1	1																																				
C32	ECST0JY106	10	1	D202	PQVD1SV276	(DIODE(SI))	1																																
C33	PQCUV1E104MD	0.1	1																																				
C34	PQCUV1H105JC	1	S 1																																				
C35	PQCUV1H105JC	1	S 1																																				
C36	ECST0JY106	10	1																																				
C37	PQCUV1E104MD	0.1	1																																				
C39	PQCUV1H105JC	1	S 1																																				
C40	ECUV1H180JCV	18P	1																																				
C41	PQCUV1H103KB	0.01	S 1																																				
C43	PQCUV1E104MD	0.1	S 1																																				
C44	ECUV1H104ZFV	0.1	S 1	D203	MA110	(DIODE(SI))	1																																
C45	ECUV1H103KBV	0.01	S 1																																				
C47	EECS0HD473H	470	1																																				
C49	ECST0GY226	22	1																																				
C50	ECST0JY106	10	1																																				
C51	ECST0GY226	22	1																																				
C61	ECUV1H180JCV	18P	1																																				
C62	ECST0JX226	22	1																																				
C63	PQCUV1C683MD	0.068	1																																				
C64	PQCUV1H105JC	1	S 1																																				
C65	PQCUV1H473MD	0.047	1	L201	MQLRE6N8JF	(COILS)	1																																
C69	PQCUV1H105JC	1	S 1																																				
C70	PQCUV1H105JC	1	S 1																																				
C71	ECUV1H222KBV	0.0022	1																																				
C74	ECUV1H680JCV	68P	1																																				
C76	ECUV1H332KBV	0.0033	1																																				
C77	ECST0JX226	22	1																																				
C78	PQCUV1H105JC	1	S 1																																				
C80	PQCUV1H105JC	1	S 1																																				
C81	PQCUV1H105JC	1	S 1																																				
C82	PQCUV1H105JC	1	S 1	L202	PQLQR2M8N2KT	(COILS)	1																																
C100	PQCUV1H105JC	1	S 1																																				
C101	ECUV1H104ZEV	0.1	S 1																																				
C200	ECUV1H100DCV	10P	S 1																																				
C202	ECUV1H102KBV	0.001	1																																				
J1	ECUV1H102KBV	0.001	1																																				
								L203	PQLQR2N1R0KT	(COILS)	1																												
												L204	PQLQR2N1R0KT	(COILS)	1																								
																L205	PQLQR2M10NKT	(COILS)	1																				
																				L207	PQLQR2M8N2KT	(COILS)	1																
				L208	MQLRE8N2JF	(COILS)	1																																
																								L209	PQLQR2M8N2KT	(COILS)	1												
																												L210	PQLQR2M12NKT	(COILS)	1								
																																L212	PQLQR2M10NKT	(COILS)	1				
																																				F201	PQVCM214M15A	(SAW FILTERS)	1
								F204	PQVSNSVA903N	(SAW FILTER)	1																												
												VC201	PQCVTZB10ZA	(TRIMMER CAPACITORS)	1																								
																VC202	PQCVTZB06ZA	(TRIMMER CAPACITOR)	1																				
																				VC203	PQCVTZB06ZA	(TRIMMER CAPACITOR)	1																
				X201	PQVCF1280N1Z	(OTHERS)	1																																
																								CN201	PQJS10A82Z	(CONNECTOR)	1												
																												R201	ERJ2GEJ222	(RESISTORS)	1								
																																R202	ERJ2GEJ151	(RESISTORS)	1				
																																				R204	ERJ2GEJ182	(RESISTORS)	1
								R206	ERJ3GEYJ153	(RESISTORS)	1																												
												R207	ERJ3GEYJ333	(RESISTORS)	1																								
																R208	ERJ3GEYJ220	(RESISTORS)	1																				

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Ref. No.	Part No.	Part Name & Description	Pcs/Set	Ref. No.	Part No.	Part Name & Description	Pcs/Set
R209	ERJ3GEYJ470	47	1	C236	ECUE1H040CCQ	4P	1
R210	ERJ3GEYJ102	1K	1	C237	ECUV1H020CCV	2P	1
R211	ERJ3GEYJ472	4.7K	1	C238	ECUV1H510JGV	51P	1
R212	ERJ3GEYJ104	100K	1	C239	ECST0GX476	47	1
R213	ERJ3GEYJ152	1.5K	1	C240	ECUV1H102KBV	0.001	1
R214	ERJ2GEJ561	560	1	C241	ECUV1H104ZFB	0.1	1
R215	ERJ3GEYJ470	47	1	C242	ECUE1H030CCQ	3P	1
R216	ERJ3GEYJ104	100K	1	C243	ECUE1H030CCQ	3P	1
R219	ERJ3GEYJ100	10	1	C244	ECUE1H030CCQ	3P	1
R220	ERJ3GEYJ103	10K	1	C245	ECUV1H430JGV	43P	1
R221	ERJ3GEYJ683	68K	1	C246	ECUE1E102KBQ	0.001	1
R222	ERJ3GEYJ470	47	1	C247	ECUV1H120JGV	12P	1
R223	ERJ3GEYJ470	47	1	C248	ECUE1H030BUQ	3P	1
R224	ERJ2GEJ182	1.8K	1	C249	ECUV1H102KBV	0.001	1
R226	ERJ3GEYJ100	10	1	C250	ECUV1C224KB	0.22	1
R227	ERJ3GEYJ473	47K	1	C251	ECUV1H562KBV	0.0056	1
R229	ERJ2GEJ821	820	1	C252	ECUV1H562KBV	0.0056	1
R230	ERJ3GEYJ333	33K	1	C253	ECST0GX476	47	1
R231	ERJ3GEYJ153	15K	1	C254	ECUV1H103KBV	0.01	1
R232	ERJ3GEYJ153	15K	1	C255	ECUV1H103KBV	0.01	1
R233	ERJ3GEYJ331	330	1	C256	ECUV1H330JCV	33P	1
R236	ERJ2GEJ821	820	1	C257	ECUV1H330JCV	33P	1
R237	ERJ3GEYJ331	330	1	C258	ECUV1H330JCV	33P	1
R239	ERJ2GEJ682	6.8K	1	C259	ECUV1H101JCV	100P	1
R240	ERJ2GEJ103	10K	1	C260	ECUV1H040CCV	4P	1
R241	ERJ2GEJ271	270	1	C261	ECUE1H150JCQ	15P	1
R242	ERJ2GEJ682	6.8K	1	C262	ECUV1H010CCV	1P	1
R243	ERJ2GEJ103	10K	1	C263	ECUE1E102KBQ	0.001	1
R244	ERJ2GEJ221	220	1	C264	ECUV1H102KBV	0.001	1
J201	ERJ3GEYJ000	0	1	C265	ECUV1H040CCV	4P	1
J202	PQ4R18XJ000	0	1	C266	ECUV1H220JCV	22P	1
J204	ERJ3GEYJ000	0	1				
		(CAPACITORS)					
C201	ECUE1E102KBQ	0.001	1				
C202	ECUV1H101JCV	100P	1				
C203	ECUE1H2R5BUQ	2.5	1				
C204	ECUE1H150JCQ	15P	1				
C205	ECST0GX476	47	1				
C206	ECUE1H030CCQ	3P	1				
C207	ECUV1H104ZFB	0.1	1				
C208	ECUE1H040CCQ	4P	1				
C209	ECUE1H030CCQ	3P	1				
C210	ECUV1H332KBV	0.0033	1				
C211	ECUV1H332KBV	0.0033	1				
C212	ECUV1H104ZFB	0.1	1				
C213	ECUV1H102KBV	0.001	1				
C215	ECUE1E102KBQ	0.001	1				
C216	ECUE1H020CCQ	2P	1				
C217	ECUV1H101JCV	100P	1				
C218	ECUV1H060DCV	6P	1				
C219	ECUE1H180JCQ	18P	1				
C220	ECUE1C103KBQ	0.01	1				
C223	ECUV1H102KBV	0.001	1				
C224	ECUE1H030CCQ	3P	1				
C225	ECUV1H060DCV	6P	1				
C226	ECUE1H020CCQ	2P	1				
C227	ECUE1H100DCQ	10P	1				
C230	ECUV1H102KBV	0.001	1				
C231	ECUV1H101JCV	100P	1				
C232	ECUV1H040CCV	4P	1				
C233	ECUV1H220JCV	22P	1				
C234	ECUE1E102KBQ	0.001	1				
C235	ECUE1H020CCQ	2P	1				

This replacement parts list is U. S. A. version only. Refer to the simplified manual (cover) for Canada or other areas.

KX-T9550-B			
Ref. No.	Part No.	Part Name & Description	Pcs/Set
ACCESSORIES			
A1	KX-A11-5	AC ADAPTOR 	1
A2	PQJA59V	TEL CORD	1
A3	PQKC10003Z2	BELT CLIP	1
A4	PQKK10045Z2	BATTERY COVER (for BASE UNIT)	1
A5	PQKK10046Z2	BATTERY COVER (for PORTABLE HANDSET)	1
A6	PQQW11480Z	QUICK REFERENCE GUIDE(ENGLISH)	1
A7	PQQW11481Z	QUICK REFERENCE GUIDE(SPANISH)	1
A8	PQQX11515Z	INSTRUCTION BOOK	1
A9	PQQT11240Z	TEL CARD LABEL	2
PACKING MATERIALS			
P1	PQPP170Z	PROTECTION COVER (for BASE UNIT)	1
P2	XZB10X25A02	PROTECTION COVER (for PORTABLE HANDSET)	1
P3	PQPN10517Z	PAD	1
P4	PQPN10518Z	ACCESSORY BOX	1
P5	PQPK11900Z	GIFT BOX	1
FIXTURES AND TOOLS			
Z1	PQZZ10K13Z	EXTENSION CORD, 13P	2
Z2	PQZZ8K20Z	EXTENSION CORD, 8P	1
Z3	PQZZ10K11ZZ	EXTENSION CORD, 14P	1
Note: • PQZZ10K13Z, PQZZ8K20Z and PQZZ10K11ZZ are necessity for servicing.			