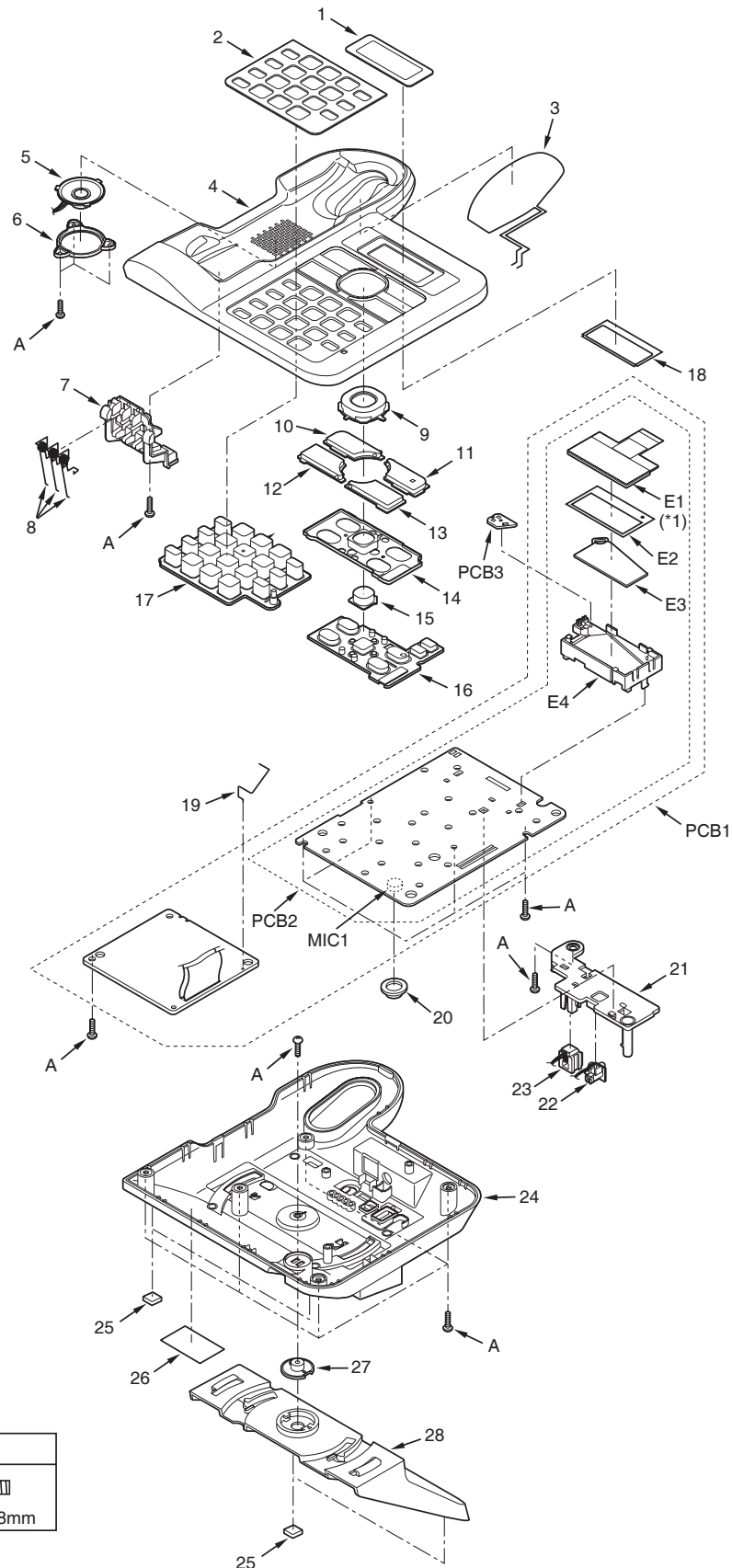


16 Exploded View and Replacement Parts List

16.1. Cabinet and Electrical Parts (Base Unit)

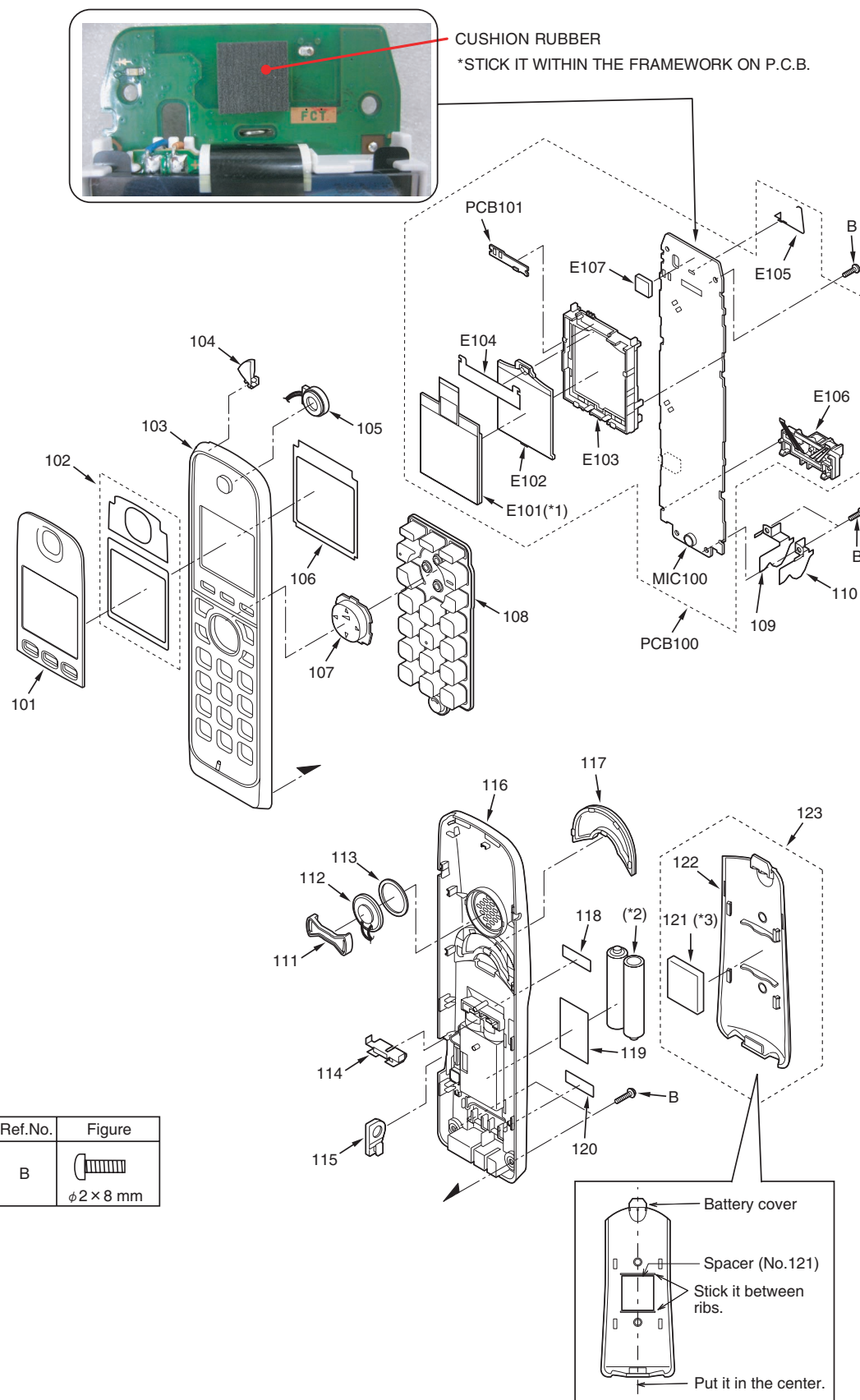


Ref.No.	Figure
A	 φ 2.6 x 8mm

Note:

(*1) This cable is fixed by welding. Refer to **How to Replace the Base Unit LCD** (P.50).

16.2. Cabinet and Electrical Parts (Handset)



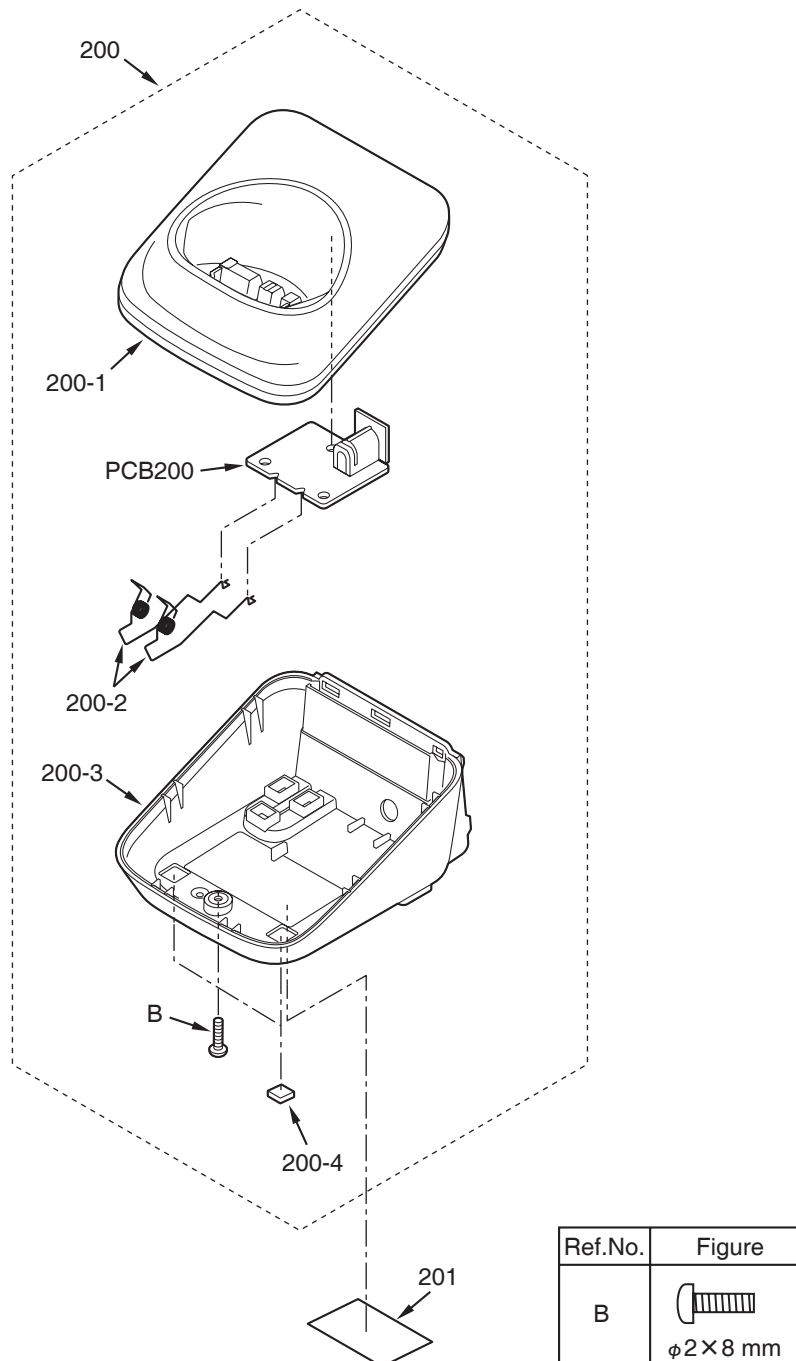
Note:

(*1) This cable is fixed by welding. Refer to **How to Replace the Handset LCD** (P.52).

(*2) The rechargeable Ni-MH battery HHR-4DPA is available through sales route of Panasonic.

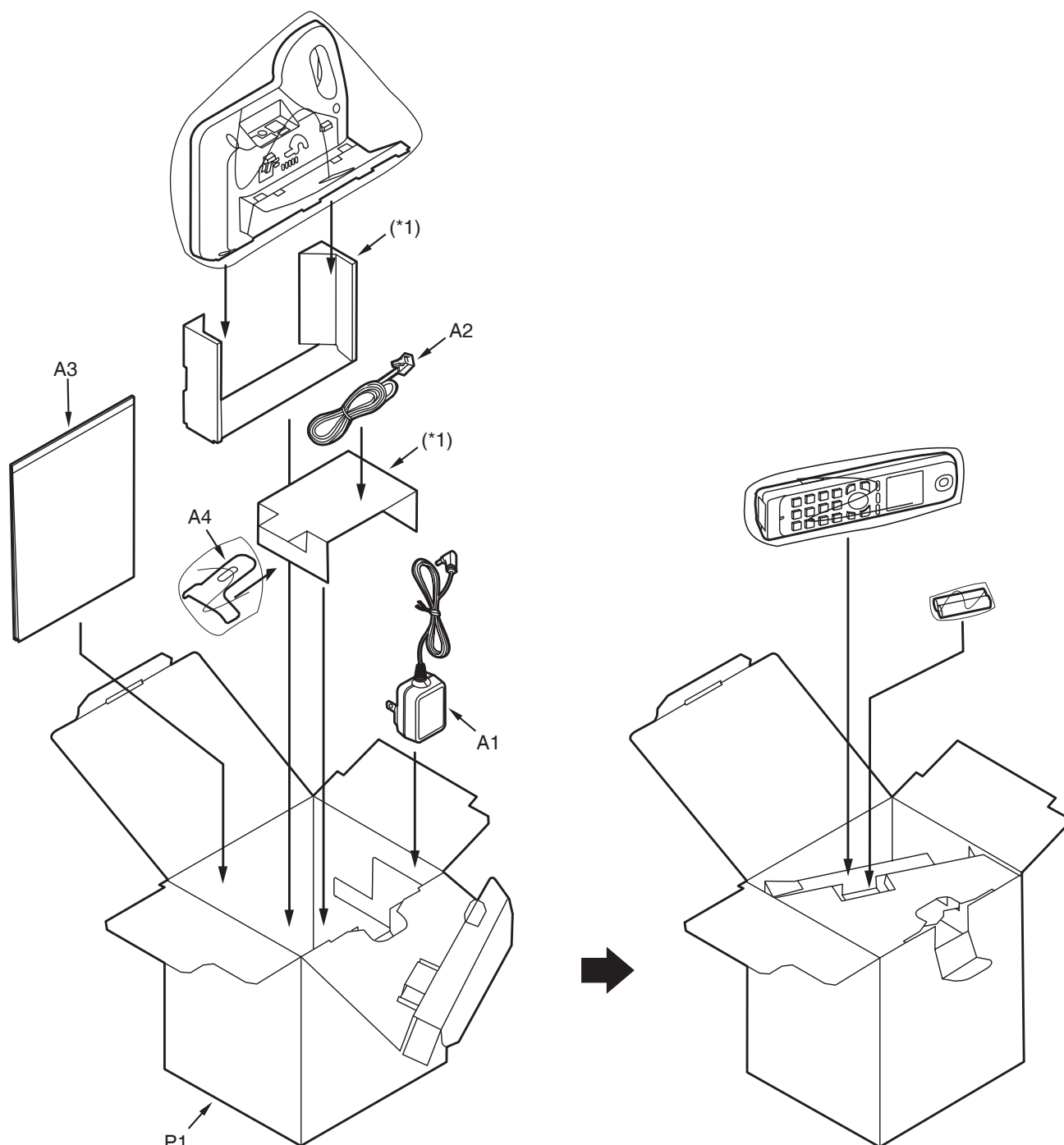
(*3) Attach the SPACER (No. 121) to the exact location described above.

16.3. Cabinet and Electrical Parts (Charger Unit)



16.4. Accessories and Packing Materials

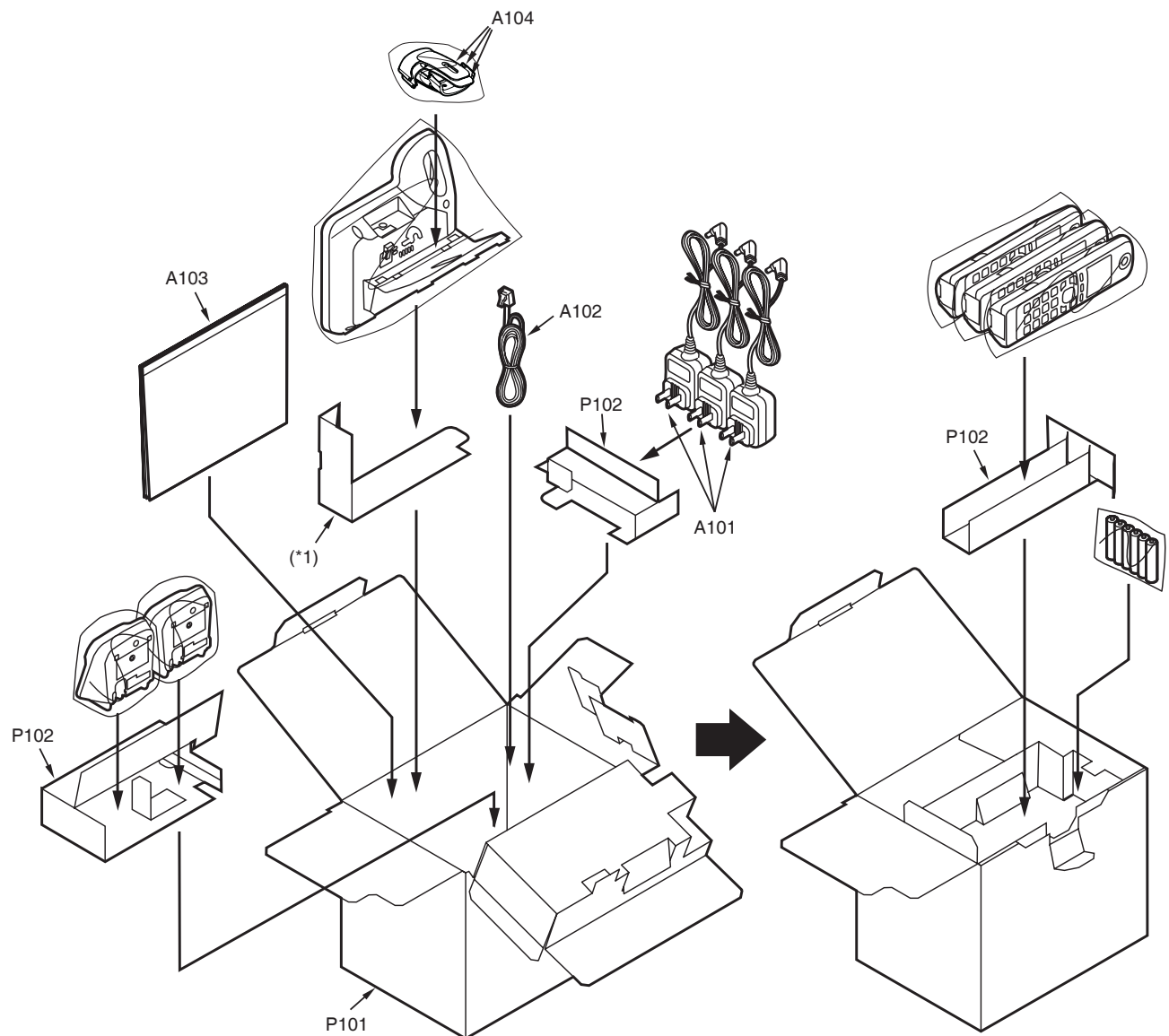
16.4.1. KX-TG6641B



Note:

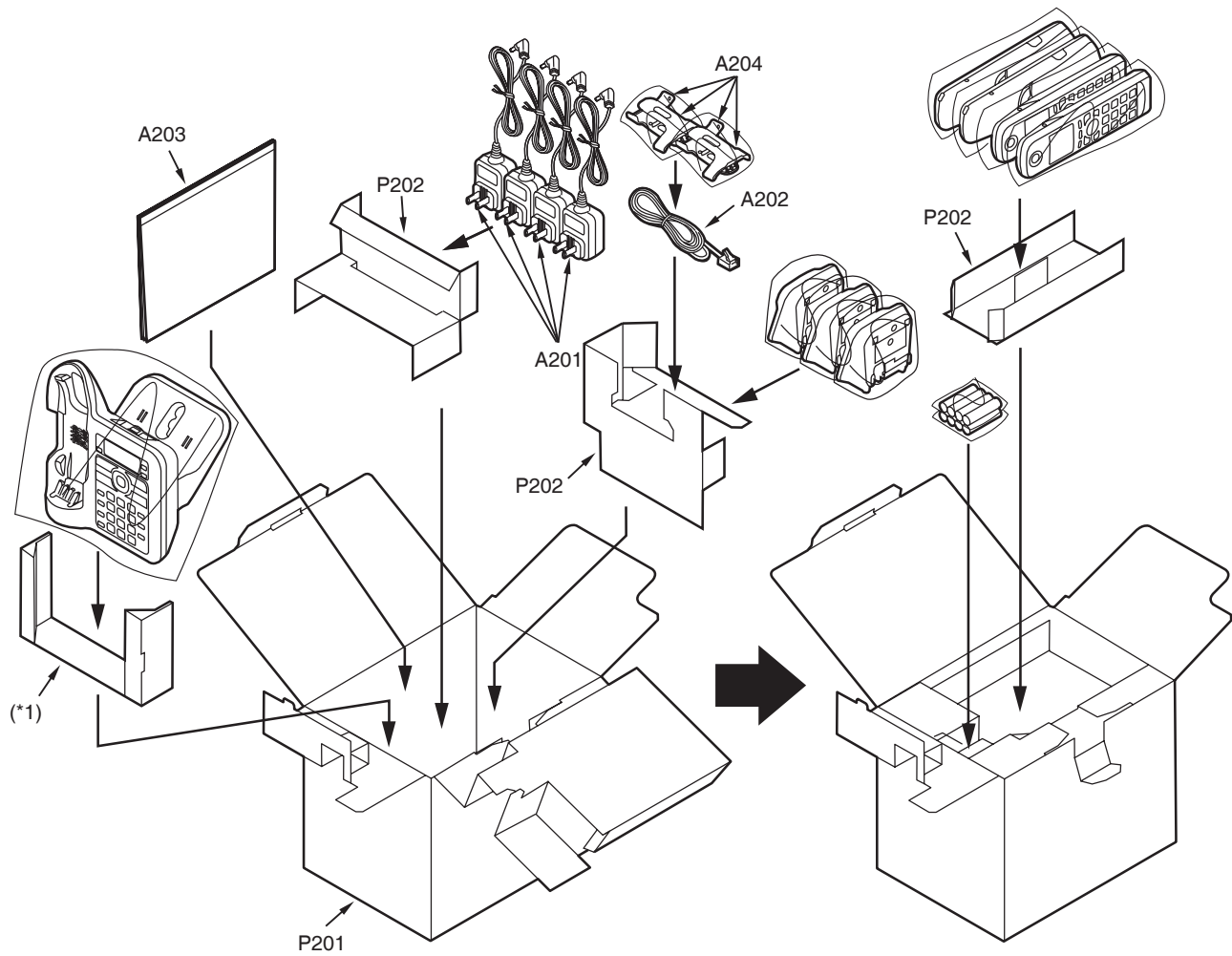
(*1) These pads are pieces of Ref No. P1 (GIFT BOX).

16.4.2. KX-TG6643B



Note:
 (*) This pad is a piece of Ref No.P101 (GIFT BOX).

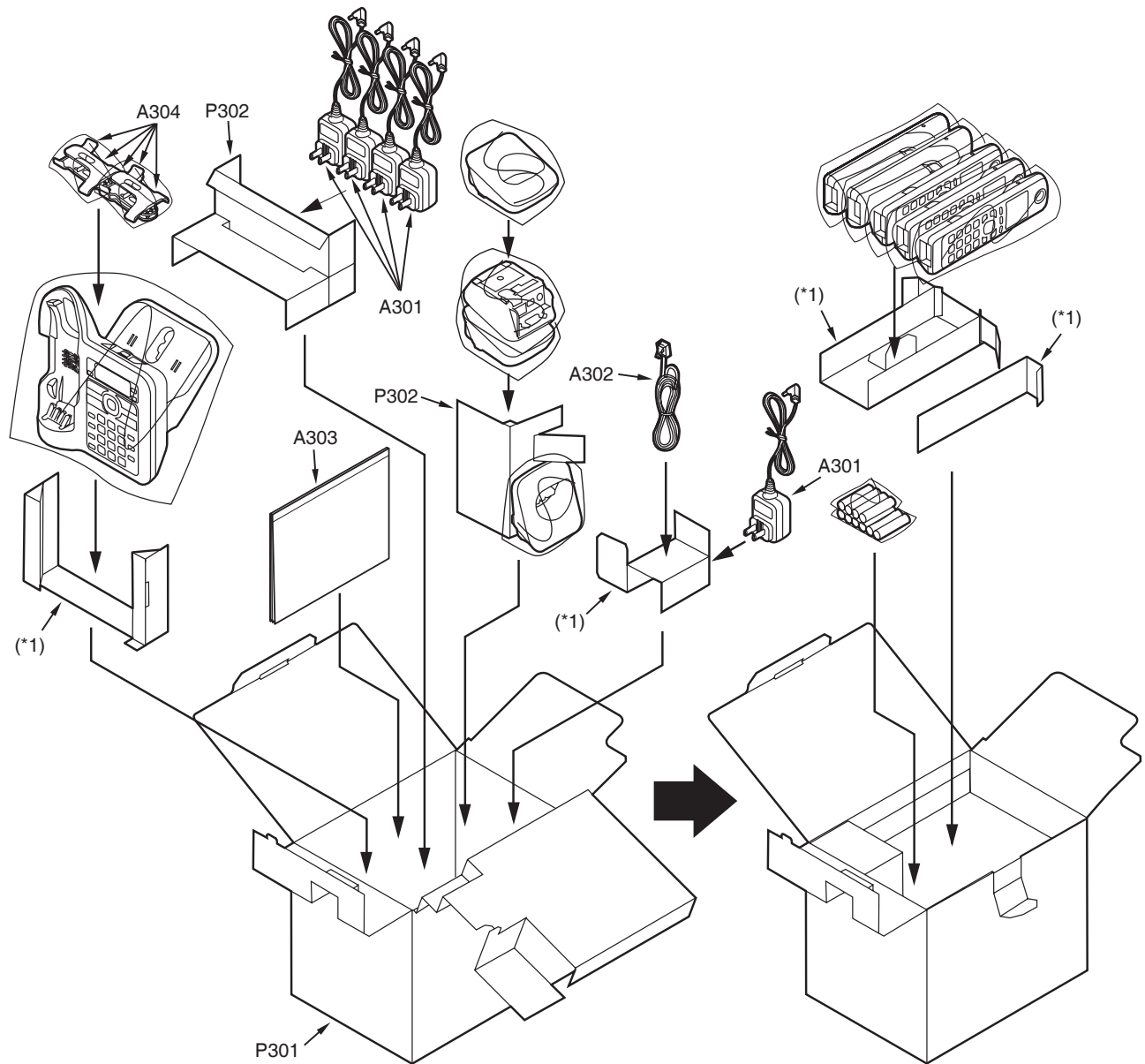
16.4.3. KX-TG6644B



Note:

(*1) This pad is a piece of Ref No. P201 (GIFT BOX).

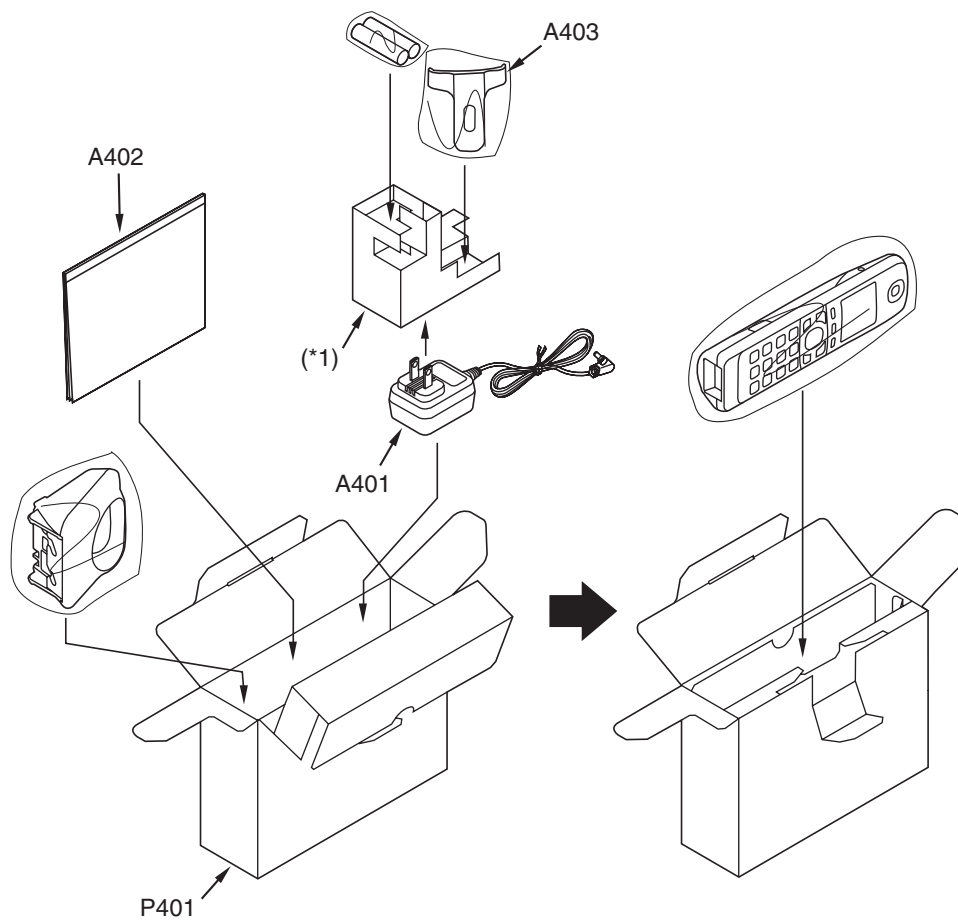
16.4.4. KX-TG6645B



Note:

(*1) These pads are pieces of Ref No. P301 (GIFT BOX).

16.4.5. KX-TGA660B



Note:

(*) This pad is a piece of Ref No. P401 (GIFT BOX).

16.5. Replacement Parts List

1. RTL (Retention Time Limited)

Note:

The "RTL" marking indicates that its Retention Time is Limited.

When production is discontinued, this item will continue to be available only for a specific period of time.

This period of time depends on the type of item, and the local laws governing parts and product retention. At the end of this period, the item will no longer be available.

2. Important safety notice

Components identified by the Δ mark indicates special characteristics important for safety. When replacing any of these components, only use specified manufacture's parts.

3. The S mark means the part is one of some identical parts.

For that reason, it may be different from the installed part.

4. ISO code (Example: ABS-94HB) of the remarks column shows quality of the material and a flame resisting grade about plastics.

5. 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:Chip
ERDS:Carbon	ERG:Metal Oxide	ERS:Fusible Resistor
ERJ:Chip	ERO: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,F1K,ECUV: Ceramic
ECQS:Styrol	ECQE,ECQV,ECQG: Polyester
ECUV,PQCUV, ECUE:Chip	ECEA,ECST,EEE:Electlytic
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 :16V
2H:500V		0J:6.3V	1E,25:25V	2A :100V

16.5.1. Base Unit

16.5.1.1. Cabinet and Electrical Parts

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	1	PNGP1133Z1	PANEL, LCD	PC-HB
	2	PNGP1134Z1	PANEL, UPPER	PC-HB
	3	PNLA1046Z	ANTENNA, LOOP	
	4	PNKM1181Z1	CABINET BODY	PS-HB
	5	LOAA04A00028	SPEAKER	
	6	PQHR11082Z	GUIDE, SPEAKER	POM-HB
	7	PNKE1089Z1	CASE, CHARGE TERMINAL	PS-HB
	8	PNJT1061Z	CHARGE TERMINAL	
	9	PNBC1346Z1	BUTTON, NAVIGATOR KEY	ABS-HB
	10	PNBC1348Z1	BUTTON, ERASE	PS-HB
	11	PNBC1347Z1	BUTTON, ANSWER ON	PS-HB
	12	PNBC1349Z1	BUTTON, STOP	PS-HB
	13	PNBC1350Z1	BUTTON, LOCATOR	PS-HB

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	14	PNHR1381Z	GUIDE, BUTTON	PS-HB
	15	PNBC1345Z1	BUTTON, MESSAGE	PS-HB
	16	PNJK1101Z	KEYBOARD SWITCH, TAM	
	17	PNJK1100Z	KEYBOARD SWITCH, DIAL	
	18	PNYE1038Z	SPACER, CUSHION LCD	
	19	PNLA1047Z	ANTENNA, SUB	
	20	PQMG10025W	RUBBER PARTS, MIC	
	21	PNHR1383Z	GUIDE, JACK	PS-HB
	22	K2ECYZ000001	JACK, DC	
	23	PQJJ1T039L	JACK, MODULAR	
	24	PNKF1131Z1	CABINET COVER	PS-HB
	25	PQHA10023Z	RUBBER PARTS, FOOT CUSHION	
	26	PNGT5516Z	NAME PLATE	
	27	PNHR1249Z	PLASTIC PARTS	POM-HB
	28	PNKL1027Z1	STAND, WALL MOUNT	PS-HB

16.5.1.2. Main P.C. Board Parts

Note:

(*1) When replacing IC611 or X501, make the adjustment using PNZZTG6631M. Refer to **How to download the data** (P.60) of Things to Do after Replacing IC or X'tal.

(*2) When replacing the base unit LCD, See **How to Replace the Base Unit LCD** (P.50).

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	PCB1	PNWP1TG6641H	MAIN P.C.BOARD ASS'Y (RTL)	
			(ICs)	
	IC302	C0CBAYG00016	IC	
	IC351	C0EBE0000124	IC	
	IC381	C0CBCCC00103	IC	
	IC501	C2HBCY000080	IC	
	IC601	PNWI2TG6631H	IC (FLASH)	
	IC611	PNWI1TG6641H	IC (EEPROM) (*1)	
			(TRANSISTORS)	
	Q111	B1ABCF000103	TRANSISTOR (SI)	S
	Q141	B1ACGF000008	TRANSISTOR (SI)	
	Q142	B1ABDM000001	TRANSISTOR (SI)	
	Q161	DSC7003S0L	TRANSISTOR (SI)	
	Q171	B1ABCF000103	TRANSISTOR (SI)	S
	Q351	B1ADNB000003	TRANSISTOR (SI)	
	Q361	B1ABCF000103	TRANSISTOR (SI)	S
	Q362	B1GBCFY0020	TRANSISTOR (SI)	
	Q363	B1ABCF000103	TRANSISTOR (SI)	S
	Q651	B1GFCFEN0011	TRANSISTOR (SI)	
	Q652	B1GBCFY0010	TRANSISTOR (SI)	
	Q653	B1GFCFEN0011	TRANSISTOR (SI)	
	Q701	2SA1576S	TRANSISTOR (SI)	S
	Q702	B1GBCFY0020	TRANSISTOR (SI)	
			(DIODES)	
	D101	PQVDM05S	DIODE (SI)	
	D113	1SS355	DIODE (SI)	S
	D133	1SS355	DIODE (SI)	S
	D142	PQVDP0T2T2530	DIODE (SI)	S
	D362	B0ECKM000008	DIODE (SI)	
	DA801	B0DDCD000001	DIODE (SI)	
	DA802	B0DDCD000001	DIODE (SI)	
			(COILS)	
	L101	PQLQXF330K	COIL	S
	L102	PQLQXF330K	COIL	S
	L501	G1CR10J00010	COIL	
	L809	G1C7N5JA0044	COIL	
			(RESISTOR ARRAYS)	
	RA151	D1H410220001	RESISTOR ARRAY	
	RA451	D1H422220001	RESISTOR ARRAY	
	RA452	D1H427220001	RESISTOR ARRAY	
	RA501	EXB28V330	RESISTOR ARRAY	
	RA502	EXB28V103	RESISTOR ARRAY	
	RA504	D1H468020001	RESISTOR ARRAY	
	RA651	EXB28V101JX	RESISTOR ARRAY	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	RA652	EXB28V101JX	RESISTOR ARRAY	
			(VARISTOR)	
	SA101	J0LF00000048	VARISTOR (SURGE ABSORBER)	
			(RESISTORS)	
	R111	PQ4R10XJ104	100k	S
	R112	PQ4R10XJ104	100k	S
	R113	ERJ3GEYJ103	10k	S
	R114	ERJ3GEYJ473	47k	S
	R121	ERJ3GEYJ394	390k	S
	R122	ERJ3GEYJ394	390k	S
	R131	PQ4R18XJ106	10M	S
	R133	ERJ3GEYJ334	330k	S
	R141	ERJ3GEYJ104	100k	S
	R142	PQ4R18XJ272	2.7k	S
	R145	ERJ2GEJ222	2.2k	S
	R151	ERJ2GEJ104	100k	S
	R152	ERJ2GEJ474X	470k	S
	R160	ERJ3GEYJ911	910	S
	R161	ERJ3GEYJ104	100k	S
	R162	ERJ3GEYJ473	47k	S
	R163	ERJ12YJ120	12	
	R164	ERJ3GEYJ272	2.7k	S
	R165	ERJ3GEYJ273	27k	S
	R167	ERJ12YJ270	27	
	R171	ERJ2GEJ220	22	S
	R172	ERJ2GEJ104	100k	S
	R175	ERJ2GEJ561	560	S
	R176	ERJ2GEJ101	100	S
	R178	ERJ2GEJ102	1k	S
	R321	ERJ2RKF1400	140	
	R322	ERJ2RKF1000	100	
	R331	ERJ3EKF6802	68k	
	R332	ERJ3EKF3302	33k	
	R351	ERJ2GEJ392	3.9k	S
	R352	ERJ2GEJ563	56k	S
	R354	ERJ2GEJ103	10k	S
	R355	ERJ2GEJ681	680	S
	R361	PQ4R10XJ680	68	S
	R362	PQ4R10XJ680	68	S
	R363	ERJ2GEJ222	2.2k	S
	R364	ERJ2GEJ103	10k	S
	R365	ERJ2GEJ473	47k	S
	R366	ERJ2GEJ103	10k	S
	R371	ERJ12YJ1R0	1	
	R372	ERJ12YJ1R0	1	
	R373	ERJ2GEJ182	1.8k	S
	R451	ERJ2GEJ391	390	S
	R501	ERJ3GEYJ100	10	S
	R502	ERJ2GEJ330	33	S
	R505	ERJ2GEJ222	2.2k	S
	R512	ERJ2GEJ104	100k	S
	R604	ERJ2GEJ103	10k	S
	R605	ERJ2GEJ332	3.3k	S
	R606	ERJ2GEJ332	3.3k	S
	R612	ERJ2GEJ103	10k	S
	R651	ERJ2GEJ122	1.2k	S
	R652	ERJ2GEJ122	1.2k	S
	R653	ERJ2GEJ122	1.2k	S
	R654	ERJ2GEJ101	100	S
	R656	ERJ2GEJ560X	56	S
	R658	ERJ2GEJ101	100	S
	R659	ERJ2GEJ101	100	S
	R701	ERJ3GEYJ332	3.3k	S
	R702	ERJ2GEJ102	1k	S
	R703	ERJ2GEJ102	1k	S
	R806	ERJ2GEJ471	470	S
	R807	ERJ2GEJ471	470	S
	R891	ERJ2GEJ471	470	S
	R892	ERJ2GEJ471	470	S
			(CAPACITORS)	
	C101	F1K2H681A008	680p	
	C102	F1K2H681A008	680p	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C111	F1J2A473A024	0.047	
	C112	F1J2A473A024	0.047	
	C113	PQCUV1A684KB	0.68	
	C120	ECUE1H102KBQ	0.001	
	C121	F1K2H681A008	680p	
	C122	F1K2H681A008	680p	
	C123	ECUE1H100DCQ	10p	
	C124	ECUE1H100DCQ	10p	
	C132	ECUV1H103KBV	0.01	
	C142	ECUV1H103KBV	0.01	
	C151	ECUE1H100DCQ	10p	
	C152	ECUE1C103KBQ	0.01	
	C161	EEE1HA100SP	10	
	C167	ECUV1H102KBV	0.001	
	C171	ECUV1C223KBV	0.022	
	C173	ECUV1A224KBV	0.22	
	C175	ECUE1H102KBQ	0.001	
	C176	PQCUV0J106KB	10	
	C178	ECUV1C223KBV	0.022	
	C184	ECUV1A105KBV	1	
	C186	ECUE1H100DCQ	10p	
	C306	F2G1C1010034	100	
	C321	ECUV1A105KBV	1	
	C341	F2G0J1020022	1000	
	C342	ECUV1C104KBV	0.1	
	C343	ECUE1H100DCQ	10p	
	C344	EEE0JA221WP	220	
	C345	EEE0JA221WP	220	
	C351	ECUV1C105KBV	1	
	C381	ECUV1C105KBV	1	
	C383	ECUV1C105KBV	1	
	C451	PQCUV0J106KB	10	
	C452	ECUE1H100DCQ	10p	
	C454	ECUE1H100DCQ	10p	
	C455	ECUE1H100DCQ	10p	
	C457	ECUE1C333KBQ	0.033	
	C458	ECUE1C333KBQ	0.033	
	C459	ECUE1H102KBQ	0.001	
	C476	ECUE1H100DCQ	10p	
	C477	ECUE1H100DCQ	10p	
	C478	ECUE1H100DCQ	10p	
	C479	ECUE1H100DCQ	10p	
	C501	ECUE1A104KBQ	0.1	
	C502	ECJ1VB0G106M	10	S
	C503	ECJ1VB0G106M	10	S
	C504	ECUE0J105KBQ	1	
	C505	ECJ1VB0G106M	10	S
	C506	ECUV1A105KBV	1	
	C507	ECUV1A225KBV	2.2	
	C508	ECUE1H100DCQ	10p	
	C509	ECUE1H120JCQ	12p	
	C510	ECUV1A105KBV	1	
	C511	ECJ1VB0G106M	10	S
	C512	ECUE1A104KBQ	0.1	
	C513	ECUV1A225KBV	2.2	
	C514	ECUE1A104KBQ	0.1	
	C515	ECUV1A105KBV	1	
	C516	ECUE1A104KBQ	0.1	
	C517	ECUE1A104KBQ	0.1	
	C518	ECUE1A104KBQ	0.1	
	C519	ECUE1A104KBQ	0.1	
	C520	ECUE1A104KBQ	0.1	
	C521	ECUE0J105KBQ	1	
	C522	ECUE1H100DCQ	10p	
	C530	ECUE1H100DCQ	10p	
	C601	ECUE1A104KBQ	0.1	
	C611	ECUE1A104KBQ	0.1	
	C661	ECUE1A104KBQ	0.1	
	C701	ECUV1H102KBV	0.001	
	C805	F1G1H2R7A480	2.7p	
	C806	F1G1H2R7A480	2.7p	
	C810	F1G1H2R4A480	2.4p	
	C811	ECUE1H100DCQ	10p	S

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C812	F1G1HR90A480	0.9p	
	C813	F1G1H2R0A480	2p	
	C820	F1G1H1R5A480	1.5p	
	C822	ECUE1H100DCQ	10p	S
	C825	ECUE1H100DCQ	10p	S
	C826	ECUE1H100DCQ	10p	S
	C827	ECUE1H100DCQ	10p	S
	C859	F1G1H2R2A480	2.2p	
	C863	F1G1H1R5A480	1.5p	
	C890	F1G1H3R0A480	3p	
	C891	F1G1H5R0A480	5p	
	C892	F1G1H5R0A480	5p	
	C893	ECUE1H100DCQ	10p	S
	C894	ECUE1H100DCQ	10p	S
	C895	F1G1H1R2A480	1.2p	
	C896	F1G1H2R2A480	2.2p	
			(OTHERS)	
	E1	L5DYBYY00020	LIQUID CRYSTAL DISPLAY (*2)	
	E2	PNHX1379Z	COVER, LCD	
	E3	PNHR1384Z	TRANSPARENT PLATE, LCD	PMMA-HB
	E4	PNHR1382Z	GUIDE, LCD	ABS-HB
	P101	D4DAY220A022	THERMISTOR (POSISTOR)	S
△	F301	K5H302Y00003	FUSE	S
	X501	H0J138500011	CRYSTAL OSCILLATOR (*1)	

16.5.1.3. Operational P.C. Board Parts

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	PCB2	PNWP2TG6641H	OPERATIONAL P.C.BOARD ASS'Y (RTL)	
			(LEDS)	
	LED901	LNJ237W82RA	LED	
	LED902	LNJ237W82RA	LED	
	LED904	LNJ237W82RA	LED	
			(RESISTORS)	
	R907	ERJ3GEYJ101	100	S
	R908	ERJ3GEYJ101	100	S
			(CAPACITORS)	
	C902	ECUE0J105KBQ	1	
	C903	ECUV1C105KBV	1	
			(OTHER)	
	MIC1	L0CBAY000018	MICROPHONE	

16.5.1.4. LED Board Parts

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	PCB3	PNWP3TG6641H	LED P.C.BOARD ASS'Y (RTL)	
			(LED)	
	WLED	B3AFB0000370	LED	

16.5.2. Handset

16.5.2.1. Cabinet and Electrical Parts

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	101	PNGP1136Z1	PANEL, LCD	PMMA-HB
	102	PNYE1041Z	TAPE, DOUBLE SIDED	
	103	PNKM1184Z1	CABINET BODY	ABS-HB
	104	PNHR1390Z	OPTIC CONDUCTIVE PARTS, LED LENS	PS-HB
	105	L0AD01A00026	RECEIVER	
	106	PNYE1040Z	SPACER, CUSHION LCD	
	107	PNBC1354Z1	BUTTON, NAVIGATOR KEY	ABS-HB
	108	PNJK1104Y	KEYBOARD SWITCH	
	109	PNJT1057Z	CHARGE TERMINAL (L)	
	110	PNJT1058Z	CHARGE TERMINAL (R)	
	111	PQHR11315Z	GUIDE, SPEAKER	ABS-HB

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	112	L0AA02A00095	SPEAKER	
	113	PQHS10784Y	SPACER, SPEAKER NET	
	114	PQJC10056W	BATTERY TERMINAL	
	115	PNKE1091Z1	COVER, EP CAP	
	116	PNKF1133Z1	CABINET COVER	ABS-HB
	117	PNKE1092Z1	COVER, RUBBERGRIP	
	118	PNQT2006Z	LABEL, ATTENTION	
	119	PNQT2062Z	LABEL, BATTERY	
	120	PNGT5515Z	NAME PLATE	
	121	PNHS1079Z	SPACER, BATTERY	
	122	PNKK1052Z1	LID, BATTERY	ABS-HB
	123	PNYNTGA660BR	LID, BATTERY ASS'Y	ABS-HB

16.5.2.2. Main P.C. Board Parts

Note:

(*1) Reconfirm the model No. written on the handset's name plate when replacing PCB100. Because the model No. of the optional handset may differ from the included handset.

(*2) When replacing IC3 or X1, make the adjustment using PNZZTG6631M. Refer to **Handset** (P.61) of Things to Do after Replacing IC or X'tal.

(*3) When replacing the handset LCD, See **How to Replace the Handset LCD** (P.52).

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	PCB100	PNWP1TGA660R	MAIN P.C.BOARD ASS'Y (RTL) (*1)	
			(ICs)	
	IC1	C2HBCY000081	IC	
	IC3	PNWITGA660BR	IC (EEPROM) (*2)	
	IC4	C0DBZYY00357	IC	
	IC6	C0CBCBD00028	IC	
			(TRANSISTORS)	
	Q2	B1ADCF000040	TRANSISTOR (SI)	
	Q3	B1ABGE000011	TRANSISTOR (SI)	
	Q4	B1ADCF000040	TRANSISTOR (SI)	
	Q5	B1GBCFFYY0010	TRANSISTOR (SI)	
	Q6	B1GBCFFYY0010	TRANSISTOR (SI)	
	Q9	B1ABCF000103	TRANSISTOR (SI)	S
			(DIODES)	
	D1	MAZ8110GML	DIODE (SI)	
	D13	B0BC4R3A0006	DIODE (SI)	
	D14	B0BC4R3A0006	DIODE (SI)	
	D21	B0BC4R3A0006	DIODE (SI)	
	D22	B0BC4R3A0006	DIODE (SI)	
	DA801	B0DDCD000001	DIODE (SI)	
			(LEDS)	
	LED1	B3ACB0000216	LED	
	LED2	B3ACB0000216	LED	
	LED3	B3ACB0000216	LED	
	LED4	B3ACB0000216	LED	
	LED5	B3ACB0000216	LED	
	LED6	B3ACB0000216	LED	
	LED12	B3ACB0000216	LED	
			(COILS)	
	C812	PQLQR4C8N2J	COIL	S
	L13	G1CR18J00004	COIL	
			(RESISTOR ARRAYS)	
	RA2	D1H83314A013	RESISTOR ARRAY	S
	RA3	D1H433120001	RESISTOR ARRAY	
	RA4	D1H433220001	RESISTOR ARRAY	
	RA5	EXB28V332JX	RESISTOR ARRAY	
			(IC FILTERS)	
	L29	J0JDC0000045	IC FILTER	
	L72	J0JCC0000276	IC FILTER	
	R308	J0JCC0000286	IC FILTER	
			(RESISTORS)	
	R2	ERJ2GEJ303	30k	S
	R3	ERJ2GEJ152	1.5k	S
	R4	ERJ2GEJ473	47k	S

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R6	ERJ2GEJ103	10k	S
	R7	ERJ2GEJ104	100k	S
	R8	ERJ8GEYJ3R3	3.3	S
	R9	ERJ2GEJ303	30k	S
	R19	ERJ2RKF2003	200k	
	R20	ERJ2RKF1003	100k	
	R21	ERJ2RKF1003	100k	
	R22	ERJ2GEJ332	3.3k	S
	R23	ERJ2GEJ100	10	S
	R24	ERJ2GEJ391	390	S
	R25	ERJ2GEJ222	2.2k	S
	R26	ERJ2GEJ332	3.3k	S
	R27	ERJ2GEJ222	2.2k	S
	R28	ERJ2GEJ222	2.2k	S
	R31	ERJ2RKF1003	100k	
	R32	ERJ2GEJ104	100k	S
	R33	ERJ2RKF1003	100k	
	R34	ERJ2GEJ391	390	S
	R45	ERJ6RSJR10V	0.1	
	R64	ERJ2GEJ222	2.2k	S
	R66	ERJ2GEJ103	10k	S
	R67	ERJ2GEJ103	10k	S
	R68	ERJ2GEJ103	10k	S
	R69	ERJ2GEJ103	10k	S
	R73	ERJ2GEJ330	33	S
	R74	ERJ2GEJ330	33	S
	R306	ERJ2GEJ101	100	S
	R509	ERJ2GEJ560X	56	S
	R561	ERJ2GEJ221	220	S
	R563	ERJ2GE0R00	0	S
	R806	ERJ2GEJ471	470	S
	R807	ERJ2GEJ471	470	S
	L9	ERJ2GE0R00	0	S
	L74	ERJ2GEJ100	10	S
			(CAPACITORS)	
	C1	EEE0JA221WP	220	
	C2	EEE0JA221WP	220	
	C4	ECUE1H390JCQ	39p	
	C5	ECUE1A104KBQ	0.1	
	C8	ECUE1H100DCQ	10p	
	C9	ECUE1H120JCQ	12p	
	C10	EEE0JA221WP	220	
	C11	ECUE1A104KBQ	0.1	
	C12	PQCUV0J106KB	10	
	C13	ECUE1A104KBQ	0.1	
	C14	ECUV1C393KBV	0.039	
	C15	ECUE1H390JCQ	39p	
	C16	ECUV1C393KBV	0.039	
	C17	ECUE1H100DCQ	10p	
	C18	ECUE1H100DCQ	10p	
	C19	ECUE1H102KBQ	0.001	
	C20	ECJ1VB0G106M	10	S
	C21	ECUV1A105KBV	1	
	C22	ECUE1A104KBQ	0.1	
	C23	ECUE1A104KBQ	0.1	
	C24	ECUE0J105KBQ	1	
	C25	ECUV1A225KBV	2.2	
	C26	ECJ1VB0G106M	10	S
	C29	ECUV1A105KBV	1	
	C30	ECJ1VB0G106M	10	S
	C31	ECUE0J105KBQ	1	
	C32	ECUE0J105KBQ	1	
	C33	ECUE1A104KBQ	0.1	
	C34	ECUE1H390JCQ	39p	
	C36	ECUE1A104KBQ	0.1	
	C37	ECJ1VB0G106M	10	S
	C40	ECUE1A104KBQ	0.1	
	C41	ECUE1A104KBQ	0.1	
	C43	ECUE1A104KBQ	0.1	
	C44	ECUE0J105KBQ	1	
	C45	ECUE1A104KBQ	0.1	
	C46	ECUE1H100DCQ	10p	S
	C48	ECUE1C103KBQ	0.01	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C49	ECUE1A104KBQ	0.1	
	C50	ECUE1A104KBQ	0.1	
	C51	ECJ1VB0G106M	10	S
	C56	ECUV1A105KBV	1	
	C57	ECUV1A105KBV	1	
	C58	ECUE0J105KBQ	1	
	C72	ECUE1H100DCQ	10p	
	C73	ECUE1H100DCQ	10p	
	C76	ECUE1H100DCQ	10p	
	C77	ECUE1H100DCQ	10p	
	C78	ECUE1H390JCQ	39p	
	C79	ECUE1H101JCQ	100p	
	C80	ECUE1H390JCQ	39p	
	C81	ECUE1H101JCQ	100p	
	C82	ECUE1H471KBQ	470p	
	C83	ECUE1H100DCQ	10p	
	C86	F1J0J2260002	22	
	C96	ECUE1H100DCQ	10p	
	C97	ECUE1H100DCQ	10p	
	C110	ECUE1H102KBQ	0.001	
	C127	ECUE1H102KBQ	0.001	
	C150	ECUE1A104KBQ	0.1	
	C152	ECUE1H102KBQ	0.001	
	C172	ECUE1A104KBQ	0.1	
	C183	ECUE1H100DCQ	10p	
	C184	ECUE1H100DCQ	10p	
	C185	ECUE1H102KBQ	0.001	
	C188	ECUE0J105KBQ	1	
	C504	ECUV1C105KBV	1	
	C505	ECUE0J105KBQ	1	
	C805	F1G1H2R4A480	2.4p	
	C806	F1G1H2R4A480	2.4p	
	C810	F1G1H2R5A480	2.5p	
	C811	ECUE1H101JCQ	100p	S
	C813	F1G1H1R6A480	1.6p	
	C820	F1G1H1R8A480	1.8p	
	C822	ECUE1H100DCQ	10p	S
	C825	ECUE1H100DCQ	10p	S
	C826	ECUE1H100DCQ	10p	S
	C859	F1G1H2R0A480	2p	
	C863	F1G1H1R8A480	1.8p	
	C895	F1G1H1R3A480	1.3p	
	C896	F1G1H1R8A480	1.8p	
	C897	F1G1H240A557	24p	
	L809	F1G1H1R0A480	1p	
			(OTHERS)	
	MIC100	L0CBAY000053	MICROPHONE	
	E101	L5DYBY00001	LIQUID CRYSTAL DISPLAY (*3)	
	E102	PNHR1295Z	TRANSPARENT PLATE, LCD	PMMA-HB
	E103	PNHR1389Z	GUIDE, LCD	ABS-HB
	E104	PNHX1407Z	COVER, LCD	
	E105	PNLA1049Z	ANTENNA	
	E106	PNVE1002Z	BATTERY TERMINAL	ABS-HB
	E107	PQHG10729Z	RUBBER PARTS, RECEIVER	
	CN4	K2HD103D0001	JACK	
△	F1	K5H252Y00002	FUSE	
	X1	H0J138500003	CRYSTAL OSCILLATOR (*2)	S

16.5.2.3. LED Board Parts

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	PCB101	PNWP2TGA660R	LED P.C.BOARD ASS'Y (RTL)	
			(LED)	
	WLED	B3AFB0000370	LED	

16.5.3. Charger Unit

16.5.3.1. Cabinet and Electrical Parts

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	200	PNLC1017ZB	CHARGER UNIT ASS'Y without NAME PLATE (RTL)	
	200-1	PNKM1201Z1	CABINET BODY	PS-HB
	200-2	PNJT1065Z	CHARGE TERMINAL	
	200-3	PNKF1147Z1	CABINET COVER	PS-HB
	200-4	PQHA10023Z	RUBBER PARTS, FOOT CUSHION	
	201	PNGT5532Z	NAME PLATE	

16.5.3.2. Main P.C. Board Parts

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	PCB200	PNWPTGA660CH	MAIN P.C. BOARD ASS'Y (RTL)	
			(JACK)	
	J1	K2ECYB000001	JACK	S
			(RESISTOR)	
	R1	ERX2SJ6R8	6.8	
			(FUSE)	
⚠	F1	K5H302Y00003	FUSE	

16.5.4. Accessories and Packing Materials

Note:

(*1) You can download and refer to the Operating Instructions (Instruction book) on TSN Server.

16.5.4.1. KX-TG6641B

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	A1	PNLV226Z	AC ADAPTOR	
	A2	PQJA10075Z	CORD, TELEPHONE	
	A3	PNQX3143Y	INSTRUCTIONBOOK (*1)	
	A4	PNKE1098Z1	HANGER, BELT CLIP	ABS-HB
	P1	PNPK3278001Z	GIFT BOX	

16.5.4.2. KX-TG6643B

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	A101	PNLV226Z	AC ADAPTOR	
	A102	PQJA10075Z	CORD, TELEPHONE	
	A103	PNQX3143Y	INSTRUCTIONBOOK (*1)	
	A104	PNKE1098Z1	HANGER, BELT CLIP	ABS-HB
	P101	PNPK3276002Z	GIFT BOX	
	P102	PNPD1484Z	CUSHION	

16.5.4.3. KX-TG6644B

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	A201	PNLV226Z	AC ADAPTOR	
	A202	PQJA10075Z	CORD, TELEPHONE	
	A203	PNQX3143Y	INSTRUCTIONBOOK (*1)	
	A204	PNKE1098Z1	HANGER, BELT CLIP	ABS-HB
	P201	PNPK3277002Z	GIFT BOX	
	P202	PNPD1450Z	CUSHION	

16.5.4.4. KX-TG6645B

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	A301	PNLV226Z	AC ADAPTOR	
	A302	PQJA10075Z	CORD, TELEPHONE	
	A303	PNQX3143Y	INSTRUCTIONBOOK (*1)	
	A304	PNKE1098Z1	HANGER, BELT CLIP	ABS-HB
	P301	PNPK3279001Z	GIFT BOX	
	P302	PNPD1454Z	CUSHION	

16.5.4.5. KX-TGA660B

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
⚠	A401	PNLV226Z	AC ADAPTOR	
	A402	PNQX3161Z	INSTRUCTIONBOOK (*1)	
	A403	PNKE1098Z1	HANGER, BELT CLIP	ABS-HB
	P401	PNPK3288001Z	GIFT BOX	

16.5.5. Screws

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	A	XTB26+8GFJ	TAPPING SCREW	
	B	XTB2+8GFJ	TAPPING SCREW	

16.5.6. Fixtures and Tools

Note:

(*1) See **Equipment Required** (P.53), and **The Setting Method of JIG** (P.53)

(*2) When replacing the Handset LCD, See **How to Replace the Handset LCD** (P.52)

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
		PQZZ1CD300E	JIG CABLE (*1)	
		PNZZTG6631M	BATCH FILE CD-ROM (*1)	
		PQZZ430PIR	TIP OF SOLDERING IRON (*2)	
		PQZZ430PRB	RUBBER OF SOLDERING IRON (*2)	

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KXTGA660B