

Service Manual

Telephone Equipment

KX-TG1233BXS

KX-TG1233BXT

KX-TCA122CXS

KX-TCA122CXT

KX-TCA121CXS

KX-TCA121CXT

Digital Cordless Answering System

Silver Version

Titanium Black Version

(for Middle Near East and Africa)

Supplement-2

Please file and use this supplement manual together with the service manual for Model No.KX-TG1233BXS/KX-TG1233BXT/KX-TCA122CXS/KX-TCA122CXT/KX-TCA121CXS/KX-TCA121CXT, Order No.40612258CE.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

TABLE OF CONTENTS

	PAGE
1 REPLACEMENT PARTS LIST -----	2
1.1. REFERENCE CHART-----	2
1.2. ORIGINAL AND NEW PARTS COMPARISON LISTS-----	2
2 CORRECTION -----	3
2.1. Cabinet and Electrical Parts (Changed from original section 29.1.1. Cabinet and Electrical Parts) -----	3
2.2. Main P.C.Board Parts (Changed from original section 29.1.2. Main P.C.Board Parts) -----	3
2.3. Component View (Changed from original section 35.1. Component View)-----	4









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1 REPLACEMENT PARTS LIST

1.1. REFERENCE CHART

Reason for Change	
*The following items (1-8) indicate the reason for change. See the "Notes" column for each part in ORIGINAL AND NEW PARTS COMPARISON LISTS .	
1. Improve performance	Remarks: a. To share the parts with other models.
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code		
**The following items (V-Z) indicate the Interchangeability. See the "Notes" column for each part in ORIGINAL AND NEW PARTS COMPARISON LISTS .		
V	Original  Early (before change) New  Late (after change)	Original or new parts may be used in early or late production sets. Use original parts until exhausted, then stock new parts.
W	Original  Early (before change) New  Late (after change)	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
X	Original  Early (before change) New  Late (after change)	New parts only may be used in early or late production sets. Stock new parts.
Y	Original  Early (before change) New  Late (after change)	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
Z	Other	

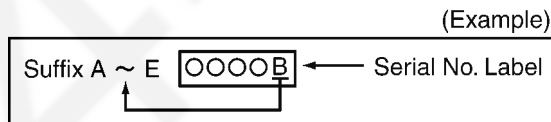
1.2. ORIGINAL AND NEW PARTS COMPARISON LISTS

Change of the Suffix Code

- Handset

Suffix Code	Reasons of change
A to B	To share with other models. There is no change in the replacement parts list.

Serial No. Label tells you the suffix code as follows



2 CORRECTION

2.1. Cabinet and Electrical Parts (Changed from original section 29.1.1. Cabinet and Electrical Parts)

Ref. No.	Part No.	Part Name & Description	Remarks
1	PQGF10286Z1	PANEL, LCD (for TG1233BXS)	AS-HB
1	PQGF10286Z2	PANEL, LCD (for TG1233BXT)	AS-HB
2	PQHS10675Z	TAPE, DOUBLE SIDED (LCD)	
3	PQGG10293Z1	GRILLE, FRONT (for TG1233BXS)	PS-HB
3	PQGG10293Z2	GRILLE, FRONT (for TG1233BXT)	PS-HB
4	PQBC10429Z1	BUTTON, NAVI KEY (for TG1233BXS) ← Deletion	ABS-HB
5	PQHR11125Z	GUIDE, NAVI KEY BUTTON	POM-HB
6	PQBC10430Z1	BUTTON, PLAY	ABS-HB

2.2. Main P.C.Board Parts (Changed from original section 29.1.2. Main P.C.Board Parts)

Note:

(*1) When replacing IC3 or IC4, data need to be written to it with PQZZTG1233BX. Refer to **Base Unit (P.43) of THINGS TO DO AFTER REPLACING IC.**

(*2) When replacing IC4, follow the procedure in the "Note:" in **CIRCUIT BOARD (BASE UNIT MAIN) (P.93)** ← **Addition**

Ref. No.	Part No.	Part Name & Description	Remarks
PCB1	PQWP11233BXH	MAIN P.C.BOARD ASS`Y (RTL)	
		(ICs)	
IC1	C0DBZGE00007	IC	
IC3	PQWID300NEHR	IC (EEPROM) (*1)	
IC4	C1CB00002180	IC (BBIC) (*1) (*2) ← Addition	
IC6	PQWI21233BXH	IC (FLASH MEMORY)	
IC7	C1BB00000265	IC	

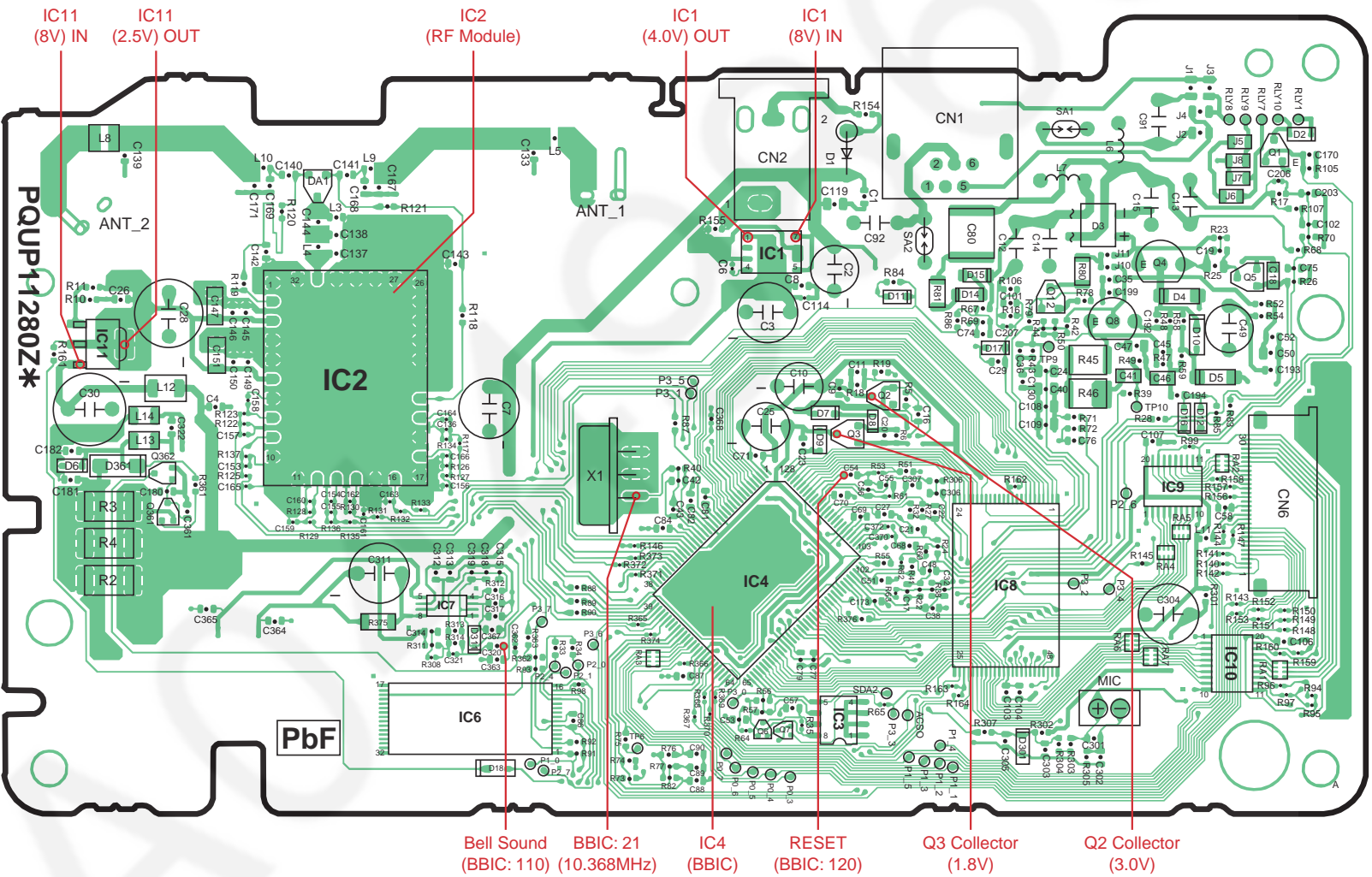
2.3. Component View (Changed from original section 35.1. Component View)

Comparative Table

	Old Type	New Type
IC4 (BBIC)	CICB00001879 (*1)	C1CB00002180
IC8 (FLASH)	PQW1*****	-
Related Resistors	R51, R162, R163, R164, R371, R372, R373, C103, C104	-

Note:

(*1) Regarding IC4, only the new part "C1CB00002180" can be supplied even if the unit is the Old Type as in the Comparative Table. In this case, when replacing IC4, ① order and install CICB00002180, then ② remove IC8 and all the related resistors listed.



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