ORDER NO. KM40001575S1
F11,F1

Service Manual

Supplement

900 MHz Cordless Answering System

2 LINE

Telephone Equipment

KX-TCM939-B/KX-TCM941-B
KX-TCM943-B/KX-TCM943-W
KX-TCM947-B

(for U.S.A)

KX-TCM939C-B

(for Canada)

Base Unit only

Please use this manual together with the original service manual mentioned below.

⚠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 service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CHANGES

This supplement has been issued for change the part No. of Flash Memory IC.

Model No.	Order No.	Sup No.	Country
KX-TCM939-B/TCM941-B	KM49806288C1	2	U.S.A.
KX-TCM939C-B	KM49807298A1	1	Canada
KX-TCM943-B/TCM943-W	KM49806289C1	2	U.S.A.
KX-TCM947-B	KM49812368C1	1	U.S.A.

Panasonic

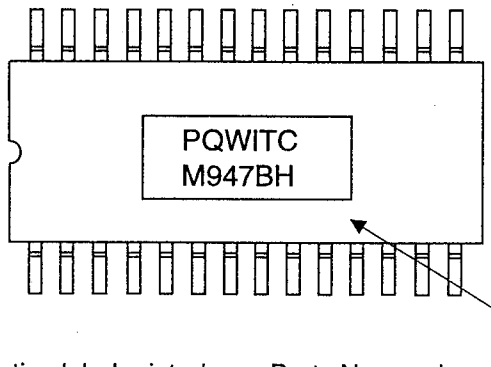
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■ HOW TO DISTIGUISH FLASH MEMORY IC

For model No. : KX-TCM947-B

Part No. : PQWITCM947BH

(Top View)



Note : New Flash Memory IC has indication label printed new Parts No. as shown above figure.

■ REPLACEMENT PARTS LIST

Reason for Change	The following reasons (1-8) are indicated in the Note below.		
1. Improve performance			
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 interchangeabilities (V-Z) are indicated in the Note below.		
	Parts	Set Production	Description
V	Original / New	Early (before change) / 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 / New	Early (before change) / 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 / New	Early (before change) / Late (after change)	New parts may only be used in early or late production sets. Stock new parts.
Y	Original / New	Early (before change) / 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		

For model No. : KX-TCM947-B

Ref. No	Part No.		Part Name & Description	Pcs/ Set	Notes	
	Original	Supplement				
Base Unit-Main P.C. Board Parts						
IC602	PQVITC58A4F	**PQWITCM947BH**	IC	1	7	X

Reason for Change

Interchangeability Code

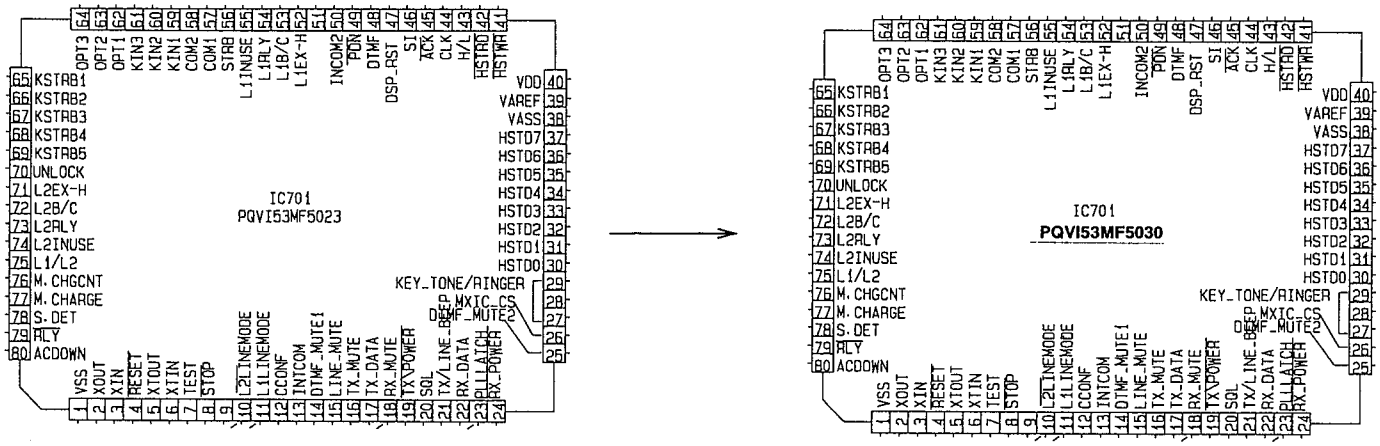
Note: 1)Old IC (Part No. PQVITC58A4F) that indicated on the original Service Manual can not be used because the Synthesized Voice data is not memorized for it. Therefore please order new IC (PQWITCM947BH)

2)When you have to replace Flash Memory (IC602), you have to replace the CPU (IC701) at the same time. However when you have to replace the CPU, you can replace only CPU.

■ SHEMATIC DIAGRAM (BASE UNIT)

For model No. : KX-TCM947-B

The Part No. of CPU (IC701) on the shematic diagram has been changed from PQVI53MF5023 to PQVI53MF5030.



(Original) (Supplement-1)

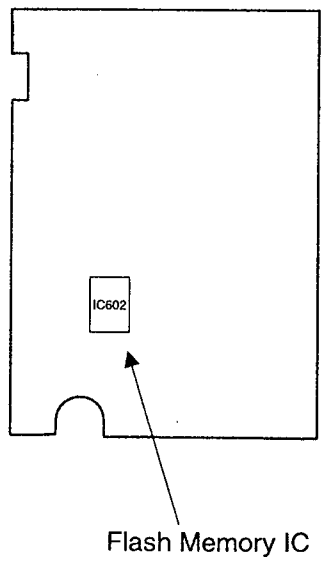
■ HOW TO SET THE BASE UNIT ON THE TEST MODE

For model No. : KX-TCM947-B

Note : After replacing of new IC (PQWITCM947BH), be sure to set the Base Unit on TEST MODE following below procedure.

1. Connect the Base Unit to a telephone line or to a telephone line simulator.
2. While pressing Volume-up, Volume-down and Greeting Check keys simultaneously, connect AC adaptor to the Base Unit.
   The Base Unit will produce a beep tone meaning the unit is set to TEST MODE.
3. Release these three buttons.
4. Disconnect the AC adaptor.

(P.C. Board - Flow Solder Side View)



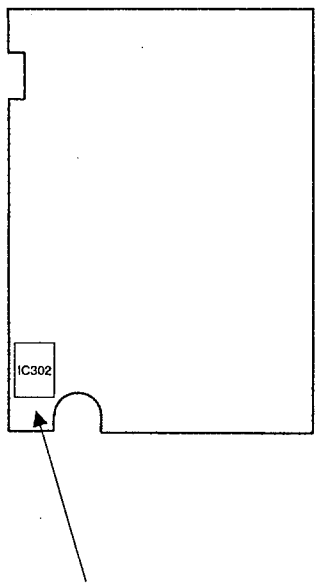
ADDITION

For model No. : KX-TCM939-B/KX-TCM939C-B/KX-TCM941-B/KX-TCM943-B/KX-TCM943-W

Note : After replacing of new IC (PQWITCM422BH), be sure to set the Base Unit on TEST MODE following below procedure.

1. Connect the Base Unit to a telephone line or to a telephone line simulator.
2. While pressing Volume-up, Volume-down and Greeting Check keys simultaneously, connect AC adaptor to the Base Unit.
   The Base Unit will produce a beep tone meaning the unit is set to TEST MODE.
3. Release these three buttons.
4. Disconnect the AC adaptor.

(P.C. Board - Flow Solder Side View)



Note: The part No. of IC 302 (PQWITCM422BH) is correct in the original Service Manuals, however the test mode mentioned above was not stated in it, so we add it to this supplement.

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Printed in Japan