

THIS INFORMATION IS FOR
INFORMATIONAL AND
EDUCATIONAL PURPOSES ONLY!

ICOM WILL MAKE THIS REPAIR
TO YOUR UNIT FOR FREE

AS PER SUGGESTED ADVICE
LET ICOM MAKE THE NECESSARY
REPAIR TO YOUR UNIT

THIS REPAIR IS NOT FOR THE
FAINT OF HEART AND REQUIRES
PRECISION SKILL TO ACCOMPLISH

DIFFICULTY RATING: 10/10

Service Information

To : ICOM Distributors
From : ICOM Inc. / CS Department
Ref No. : ZSM00010
Date : March 14, 2006

Confidentiality Level

- Public
 Dealers
 Distributors

Urgency Level

- Critical
 High
 Medium
 Low

IC-7000 : Stop the AF 8 kHz Tone Noise

Some IC-7000 transceivers may have the symptom of 8 kHz Tone Noise in AF. This noise appears when hearing AF with headphone. From Rear EXT SP jack, stronger noise appears compared to FRONT PHONE/SPEAKER jack. The following is how to stop this noise.

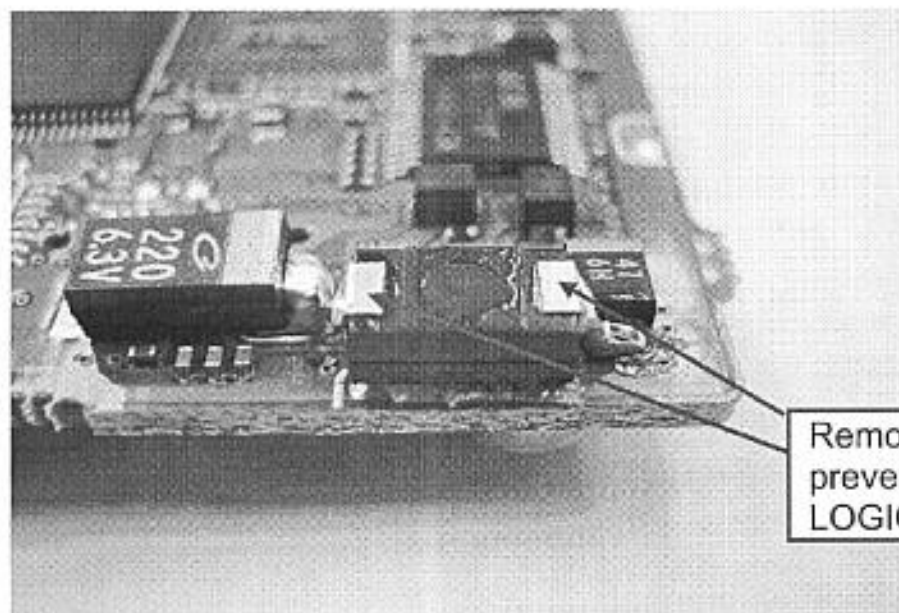
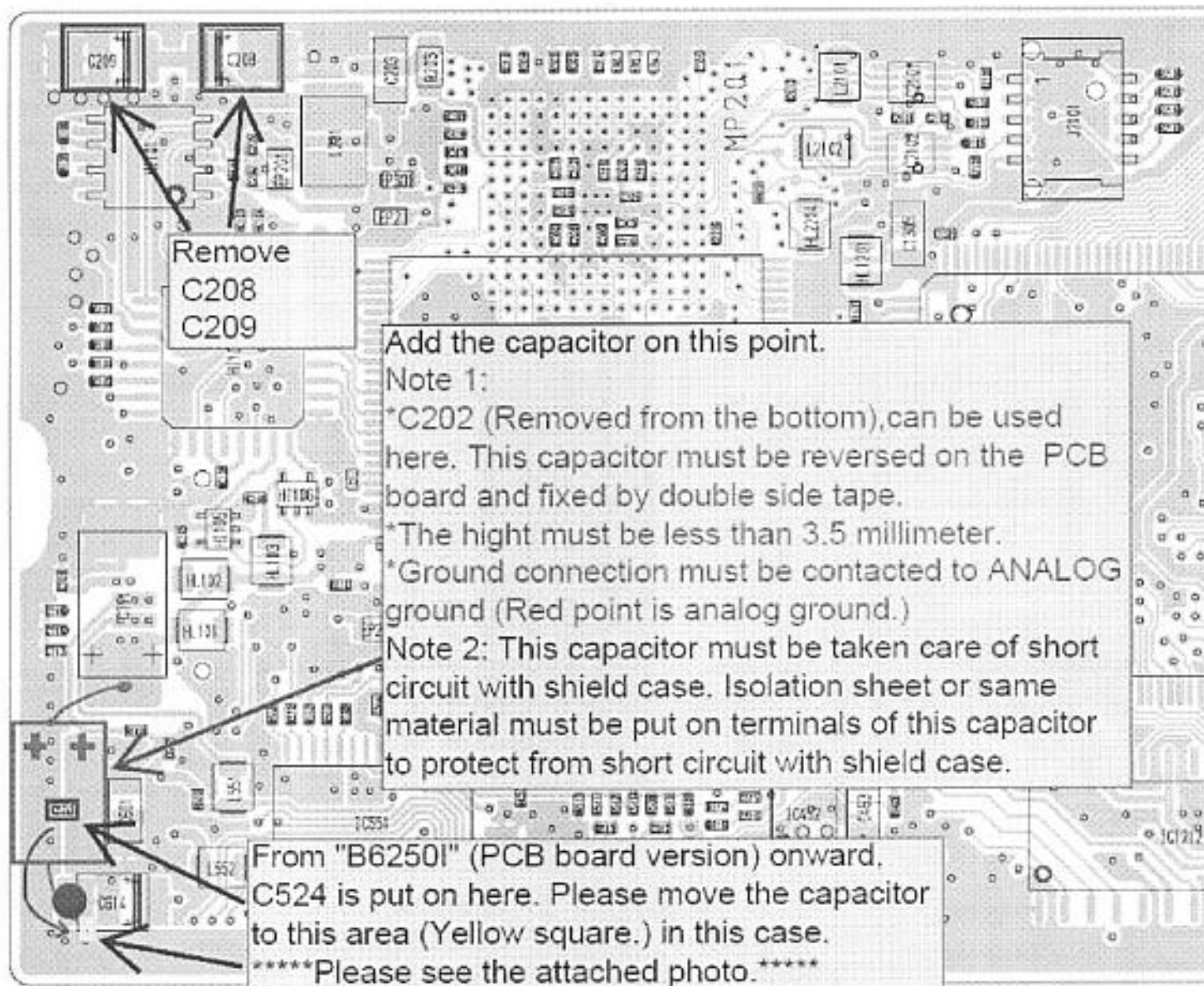
1. Model IC-7000
2. How to improve Change the location of capacitors
3. Replace parts Remove capacitors from LOGIC UNIT

Ref. NO.	Part NO.
C207	4030018960 C3216 JB 1C 106MT-N
C208	4550006780 TEESVB2 0J 476M8R
C209	4550006780 TEESVB2 0J 476M8R
C202	4550007310 F930 J227MNMBMA
(Replace)	Replace C202 form the bottom → top of the LOGIC UNIT

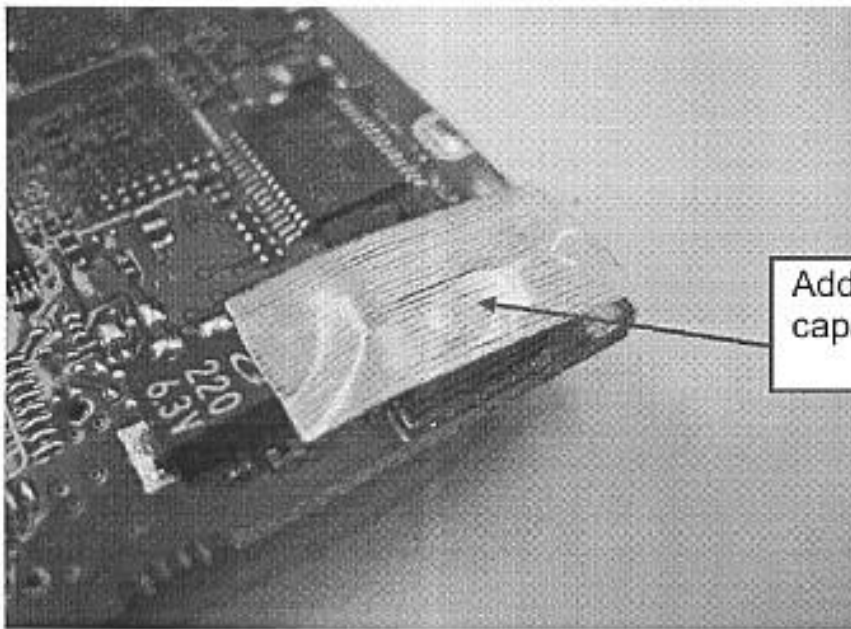
<NOTE>

From PCB boards' version "B6250K" onward, all LOT are manufactured according to this modification. Serial number has not yet been fixed. We will announce when S/N is fixed.

<IC-7000 LOGIC UNIT : TOP VIEW>

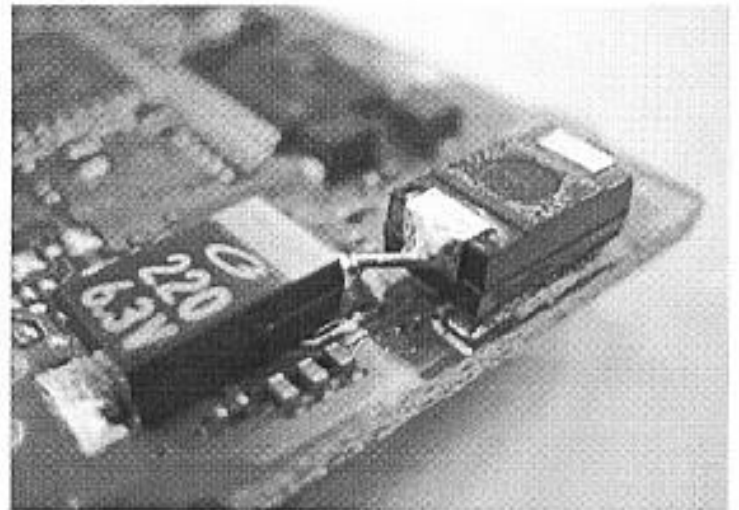
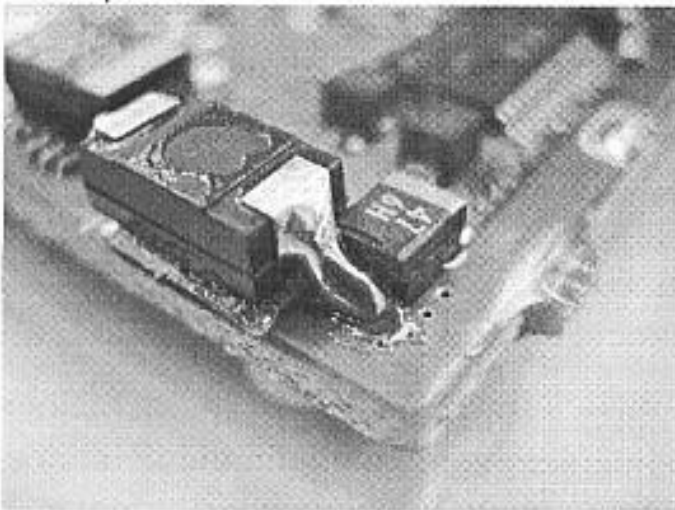


Remove the solder on the terminal to prevent short circuit between the LOGIC shield cover.



Add insulation tape on the tantalum capacitor.

<Completion>



<IC-7000 LOGIC UNIT : BOTTOM VIEW>

