

Service Note		
Product	Description:	Service note no.
Gold Channel	Diode/IC mod. for the Mic. Amp. PCB, PC12905-3	760 10 T036

IMPORTANT:

When a unit is send in for service, please check the version number on the Mic. Amp. PCB.
 If the number is PC12905-3, please carry out this modification.
 Units with Serial No. 1601722 or higher are modified from factory.
 Modifications should only be carried out by authorized technicians.
 See also service note no. 720 1006 04.

NB. We recommend that you, in case of a defective Mic.Amp, replace the entire Mic.Amp PCB with a new version 5 MicAmp.

Symptoms before modification:

None - if IC9 & IC10 are ok, but if the ICs are defective, the mic/line input doesn't work properly.

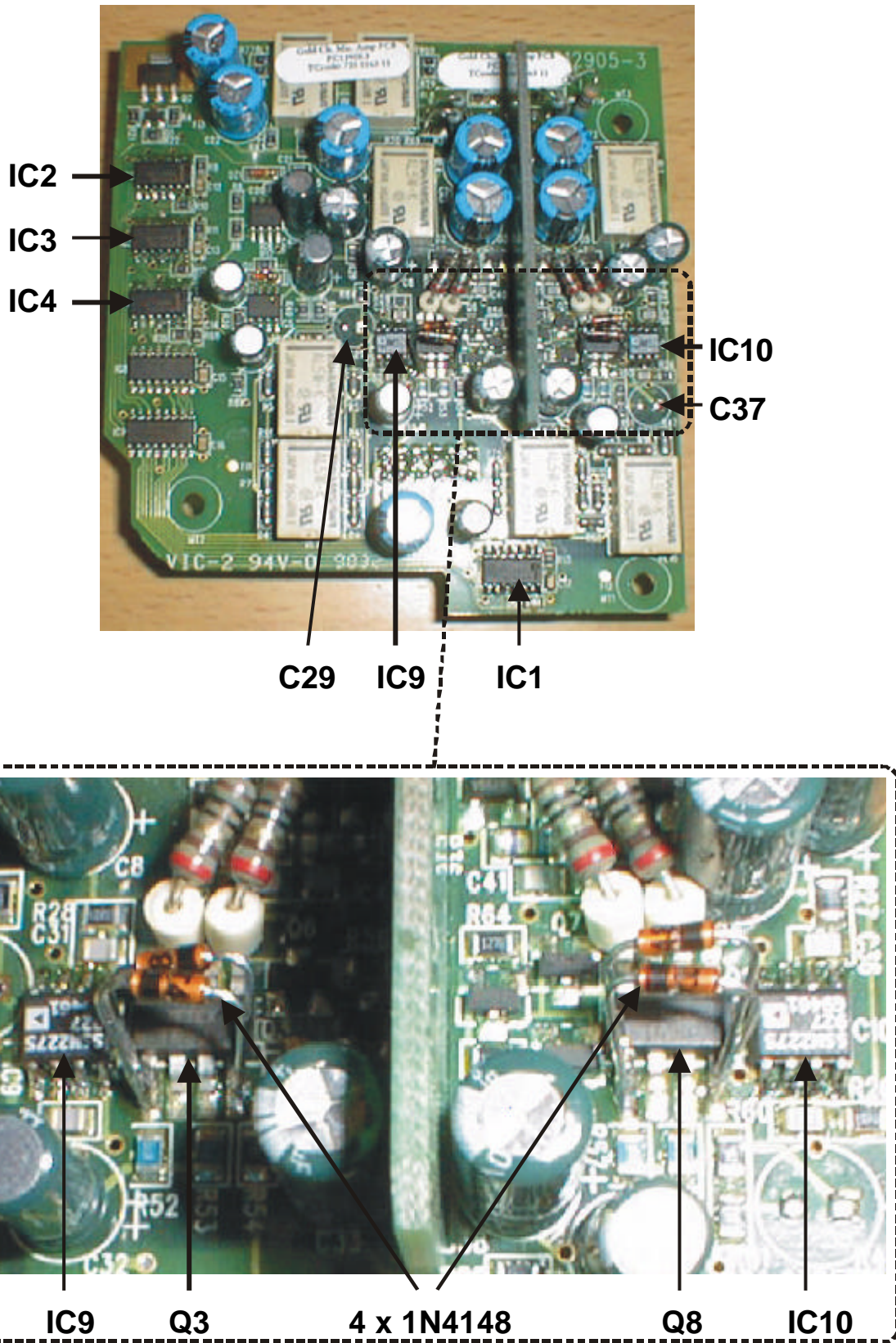
Procedure (See also the pictures at next page):

1. **Make a backup of the user presets on a memory card.**
2. **Turn Off Power and Disconnect Power Cord.**
3. Remove the top lid by loosen five screws.
4. Remove C29, C37 on the Mic. Amp PCB.
5. Replace IC9 and IC10 with the type SSM2275S (Tccode: 470023011)
6. Replace IC1, IC2, IC3 & IC4 with the type 74AC125 (Tccode: 453012511)
7. Mount 2 new diodes, type 1N4148 (Tccode 310000011) at Q8, from pin 5 to pin 8. One of the diodes must be mounted reversed.
8. Mount also 2 new diodes, type 1N4148 (Tccode 310000011) at Q3, from pin 5 to pin 8. One of the diodes must be mounted reversed.
9. Mount the top lid again using the five screws.
10. Connect power.
11. Load in the user presets - if they were deleted.

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Picture 1: Mic. Amp. PCB, PC12905-3



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