

Service Note

Product	Description:	Service note no.
NovaSystem	Modification of distortion board due to beeps	Sno-T084

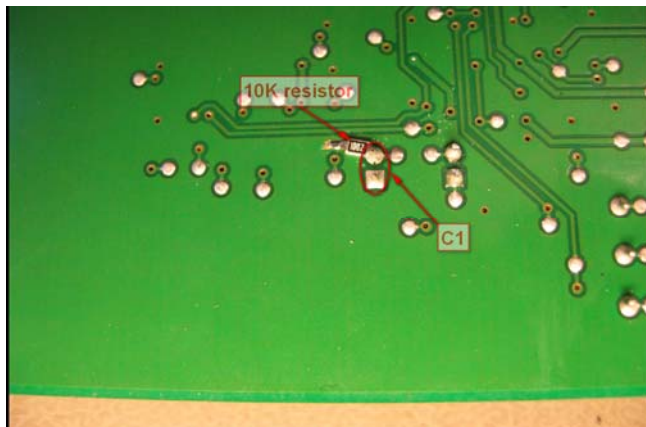
Reason for note:

Unfortunately we discovered a fail that causes beeps in the output when using the distortion board.

Actions:

Modify the board as show and described below.

1.	Add a 10K0 - 0805 SMD resistor (E15400101), from "C1" negative side to AGND plane. See Picture 1 & 2 Soldermask must be made open at resistor agnd side to solder.
2.	Rotate the "C4" Electrolytic 47uF/25V (E22002411) See Picture 3. (Electrolytic "-" side must point at silkscreen "+" side).
3.	Cut connection between C26 and "IC7" pin 8. See Picture 4
4.	Add 2pcs. 1n4148 diodes (E31001511) from "IC5" pin8 and pin9 to "IC7" pin8. See Picture 5
5.	Add a 10K0 – leaded resistor (E10501911) from "IC7" pin8 to DGND plane. See Picture 6



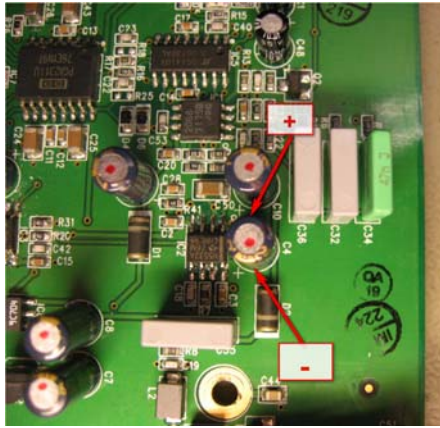
Picture 1



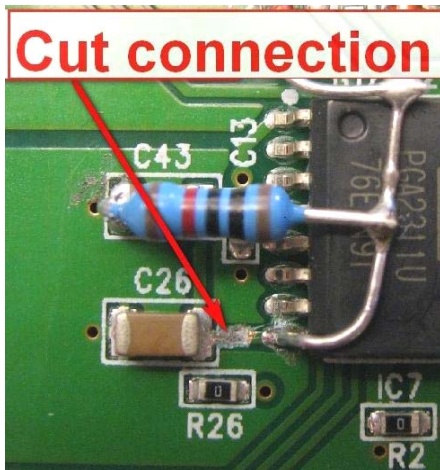
Picture 2

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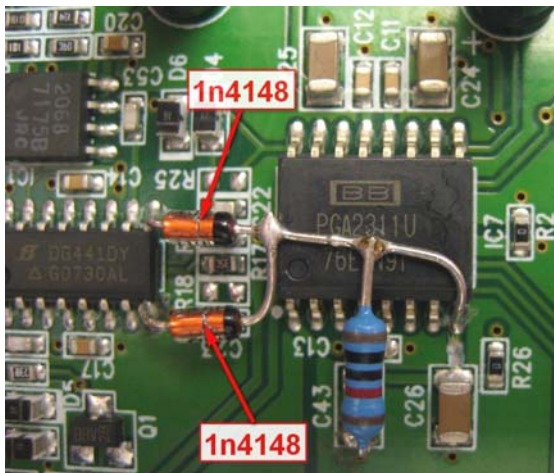
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Picture 3



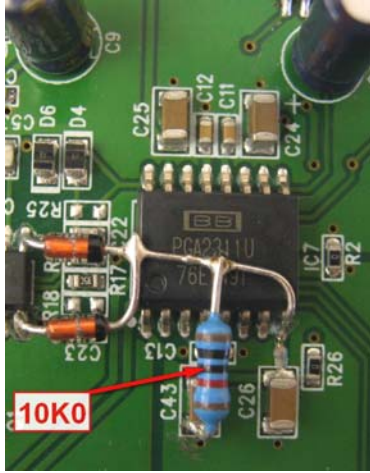
Picture 4



Picture 5

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Picture 6

After the modification is done it is necessary to reload the software which you can find in the technical server under NovaSystem.

Good luck!

IMPORTANT:

This replacement should only be carried out by skilled technicians.