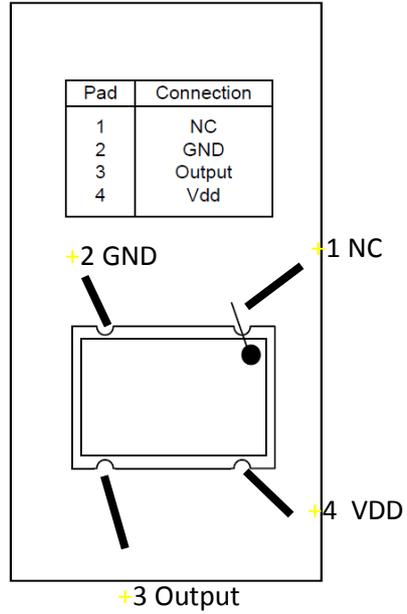
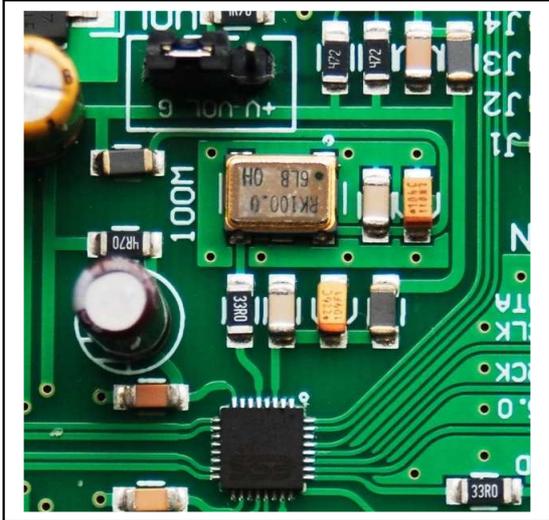


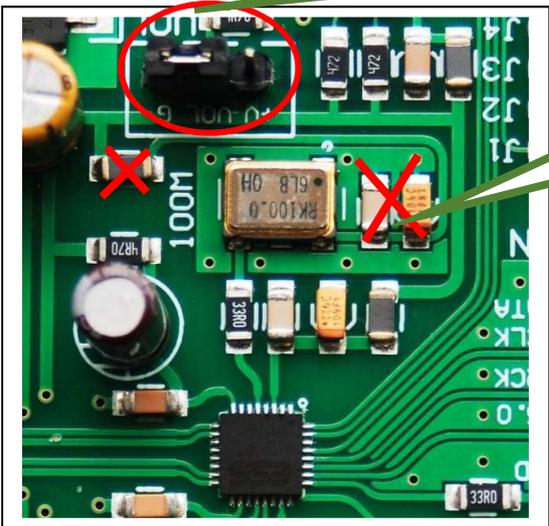
OSC mods : **It's a hard job**

CCHD-575-100-50

<https://www.digikey.com/product-detail/en/crystek-corporation/CCHD-575-50-100.000/744-1454-ND/2742153>



Remove the dips support



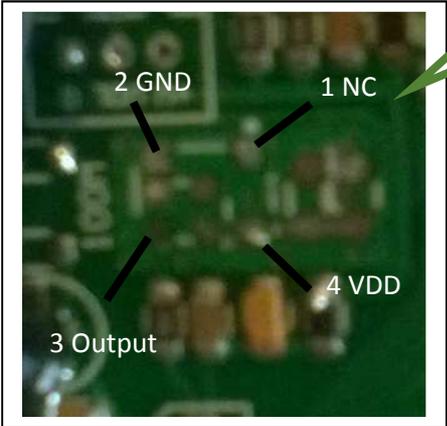
Remove the three components to add a dedicated 3.3v regulator.

OSC mods

Please read the post of Marw4

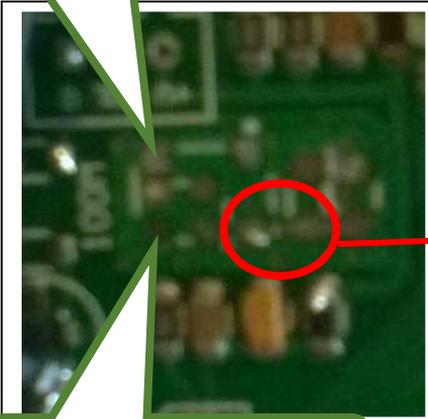
<http://www.diyaudio.com/forums/digital-line-level/314935-es9038q2m-board-130.html#post5446706>  
post #1300 by Markw4

The picture is no good but you can see  
That is very very small

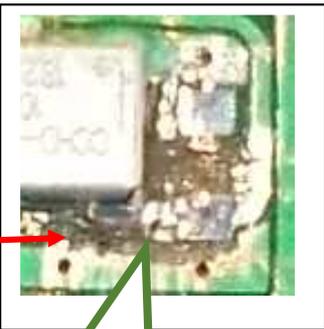


1. You must remove the original OSC :  
**Not so easy**
2. The new OSC has not the same format than the CCHD-575-100-50
3. You must modify the PCB to solder properly the new OSC.

Keep this pad for the GND

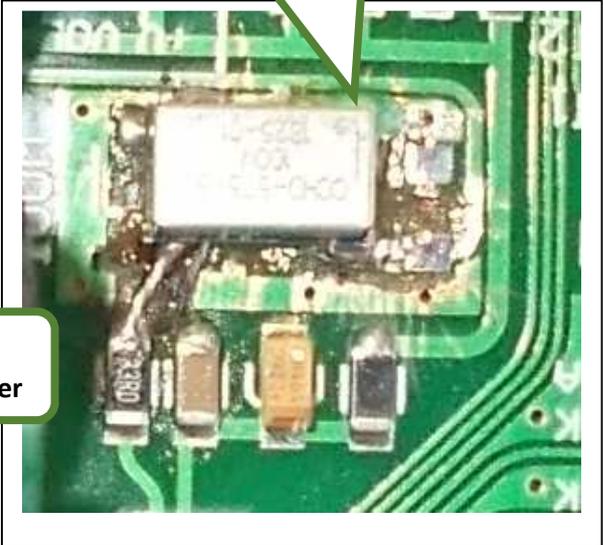


Keep this pad for the Output



With a cutter I have removed some GND copper

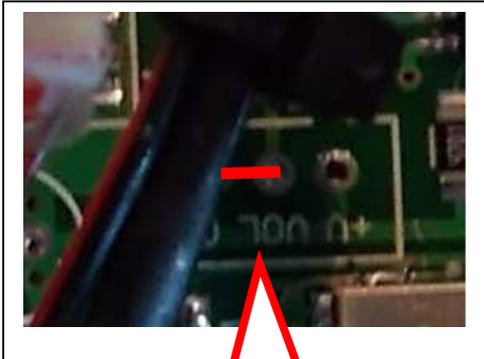
scianolyte glue



OSC mods



LTC3042 regulator



Connect GND to VOL

Now wait and see .....

Oufff .... it works

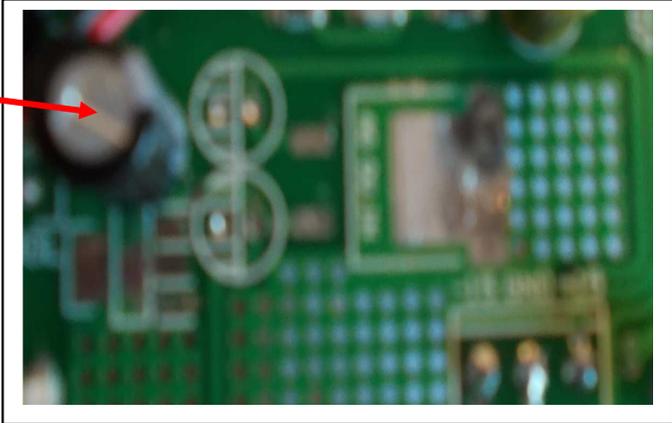
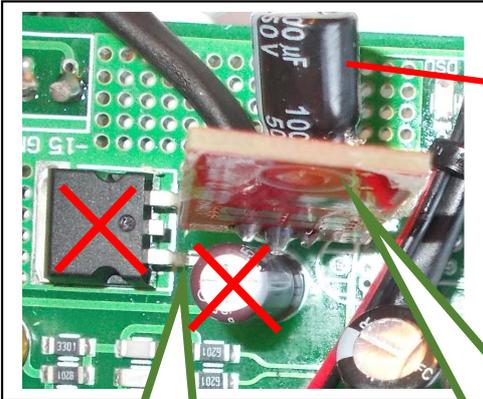


Marw4 advices

<http://www.diyaudio.com/forums/digital-line-level/326738-es9038q2m-production.html>

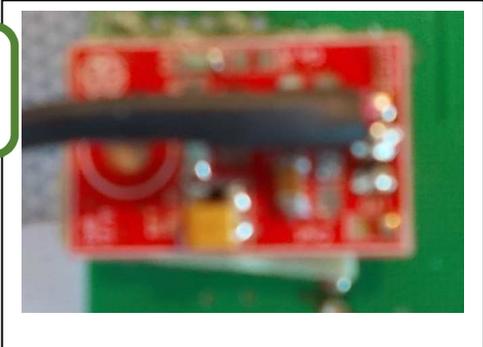
post #4 by **Markw4**

**Digital 3.3v mods update**

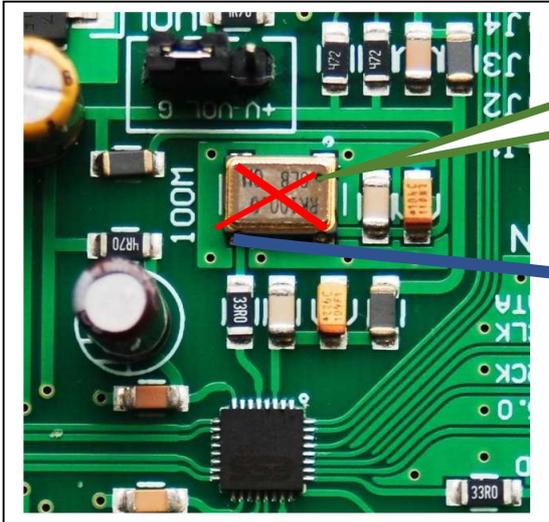


I have removed the +5v regulator the capa after the regulator

The LT3042 regulator is now under the PCB

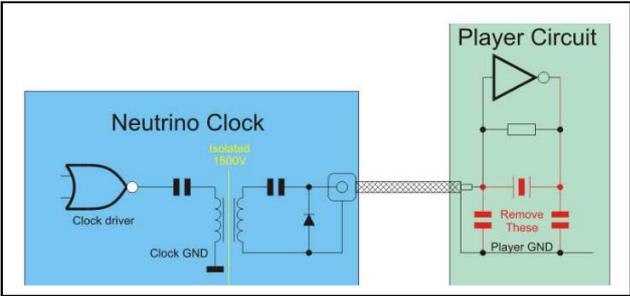


OSC Another solution but more expensive



Remove the OSC  
And solder the blue cable directly on  
the PCB

10VDC -12VDC



If you want more details, I have already installed this clock module on a CD player.