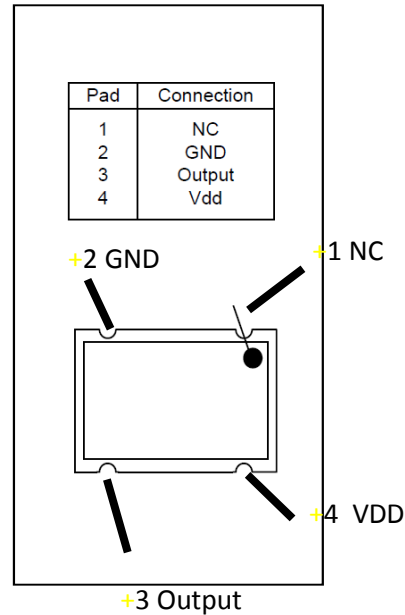
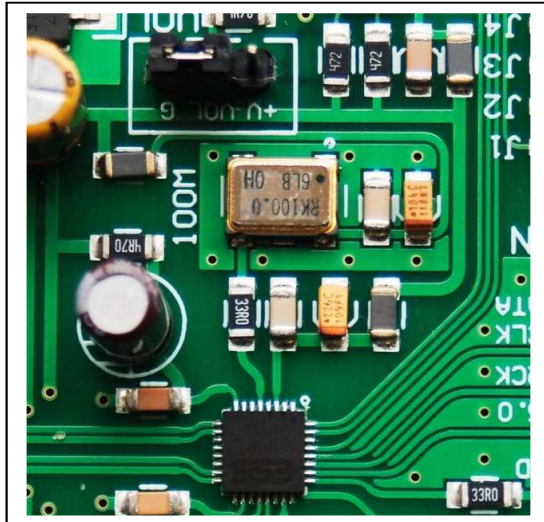


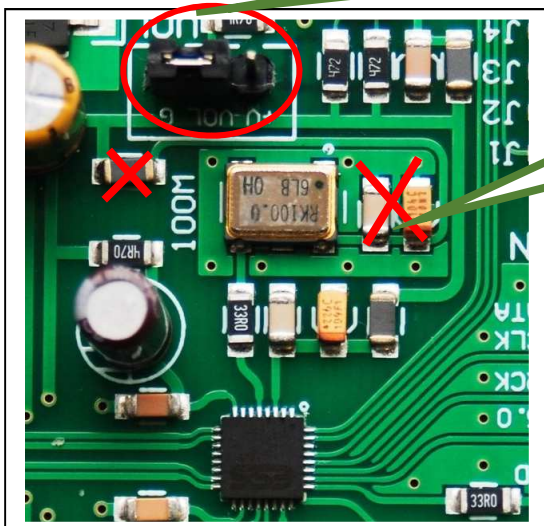
OSC mods : **It's a hard job**

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.

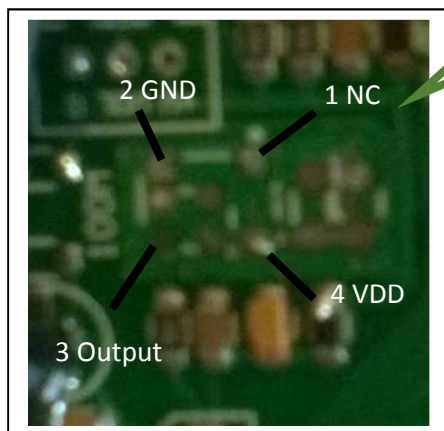
OSC mods

Please read the post of Marw4

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

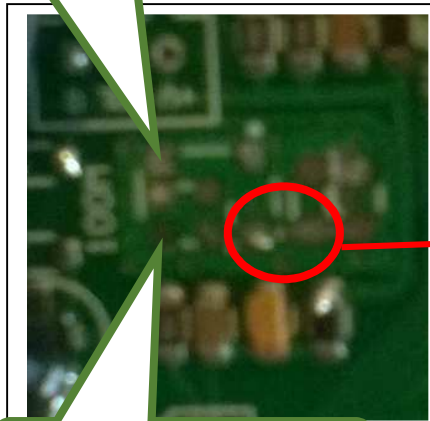
post #1300 by Markw4

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

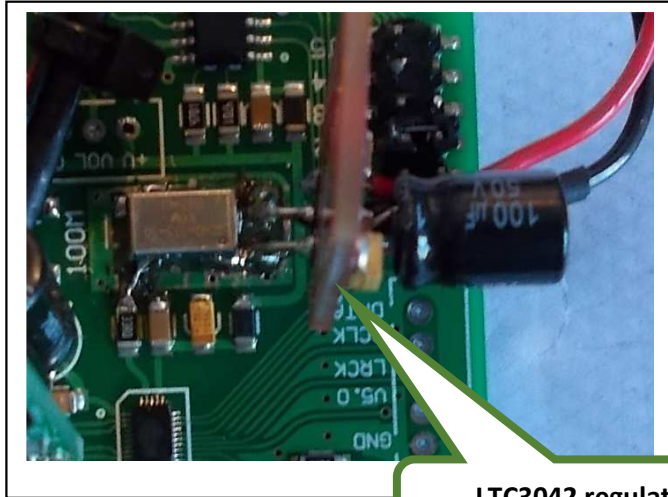


With a cutter I have
removed some GND copper

scianolyte glue



OSC mods



LTC3042 regulator



Connect GND to VOL

Now wait and see

Oufff it works

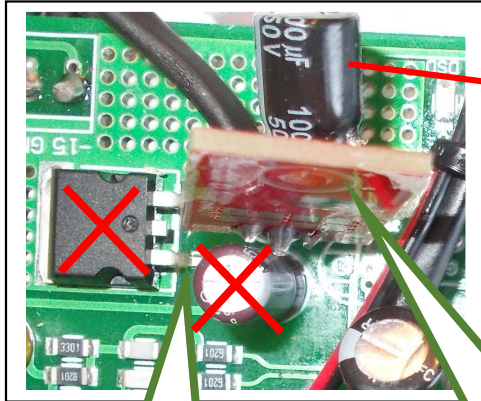


Marw4 advices

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

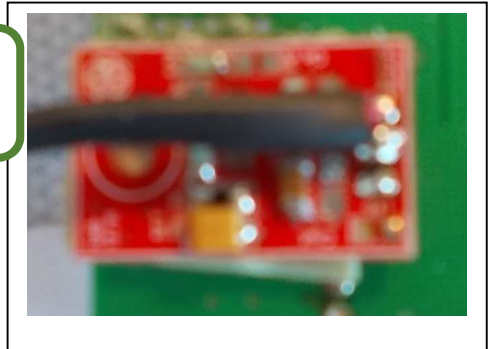
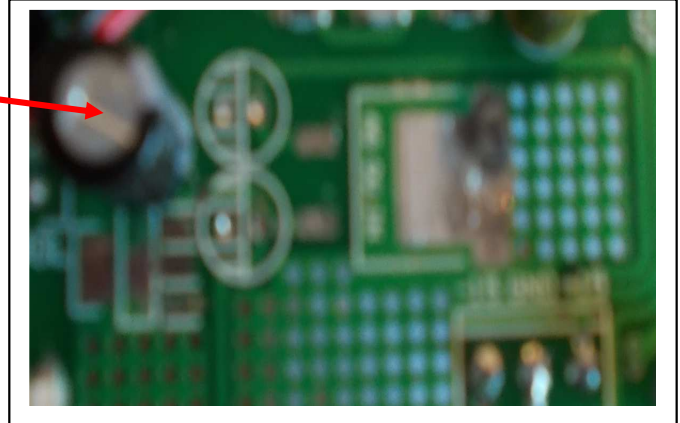
post #4 by **Markw4**

Digital 3.3v mods update

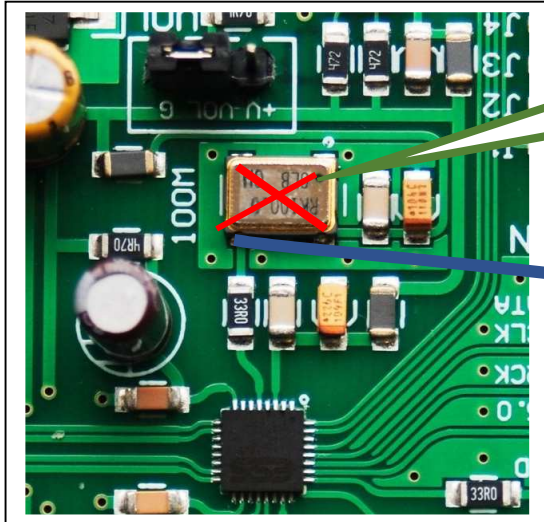


I have removed the +5v
regulator the capa after
the regulator

The LT3042 regulator
is now under the PCB

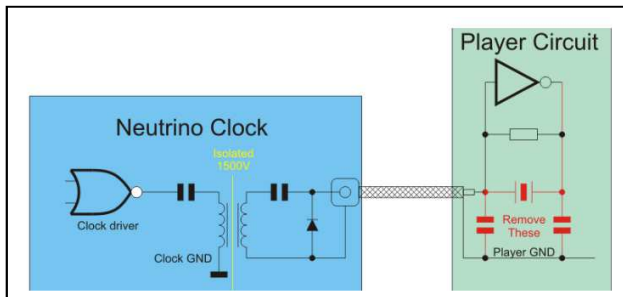


OSC Another solution but more expensive



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.