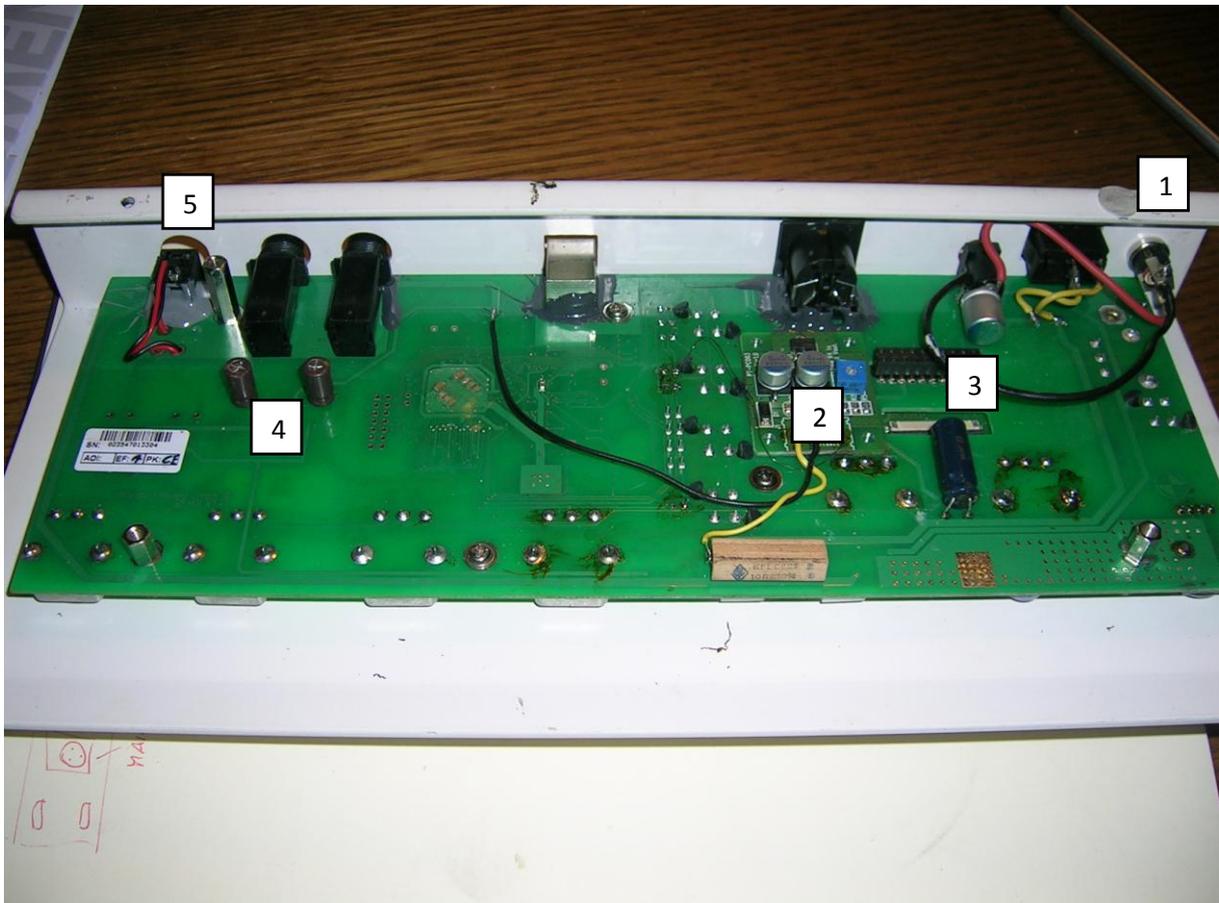


Blofeld modding....

This should give you a little inspiration to have your customized blofeld synthesizer ;)

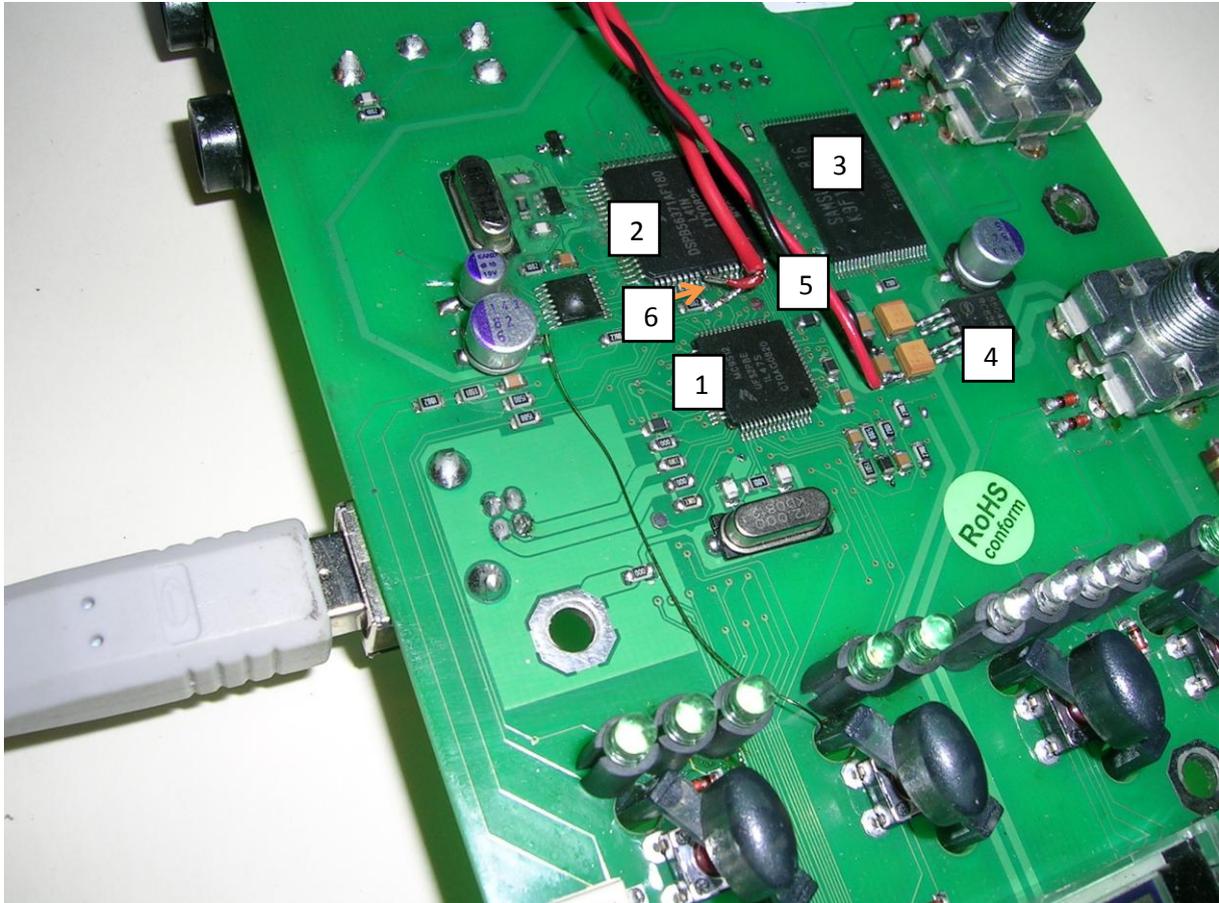
Here with the bottom cover removed...



... as you can see there's another DC jack mounted too (1) while the Dac got it's own DC-regulator (2), added 12DC input capacitors (3) and other output capacitors (4). And, of course, the S/PDIF TOSLINK transmitter (5)

Next side here to see blofelds other side →

And there we have it:



There's the intelligence, the USB-MCU (1), DSP (2), Flash (3), regulator (4). To get 3V3 for the TOSLINK transmitter, there are wires (5) connected near the regulator (→4). Simply measure it out. The other wire that can be seen is a coaxial cable carrying the S/PDIF signal (6) that is connected to the correspondent Pin at the DSP. So little time, and I've lost the datasheet. I'm too tired now to look at that extra, please do not mind, search for it by yourself, get a little bit more useless knowledge, which besides is fundamental to do this mod as you otherwise wish me too hell "for killing your blofeld" ;)

We go further On the next side →

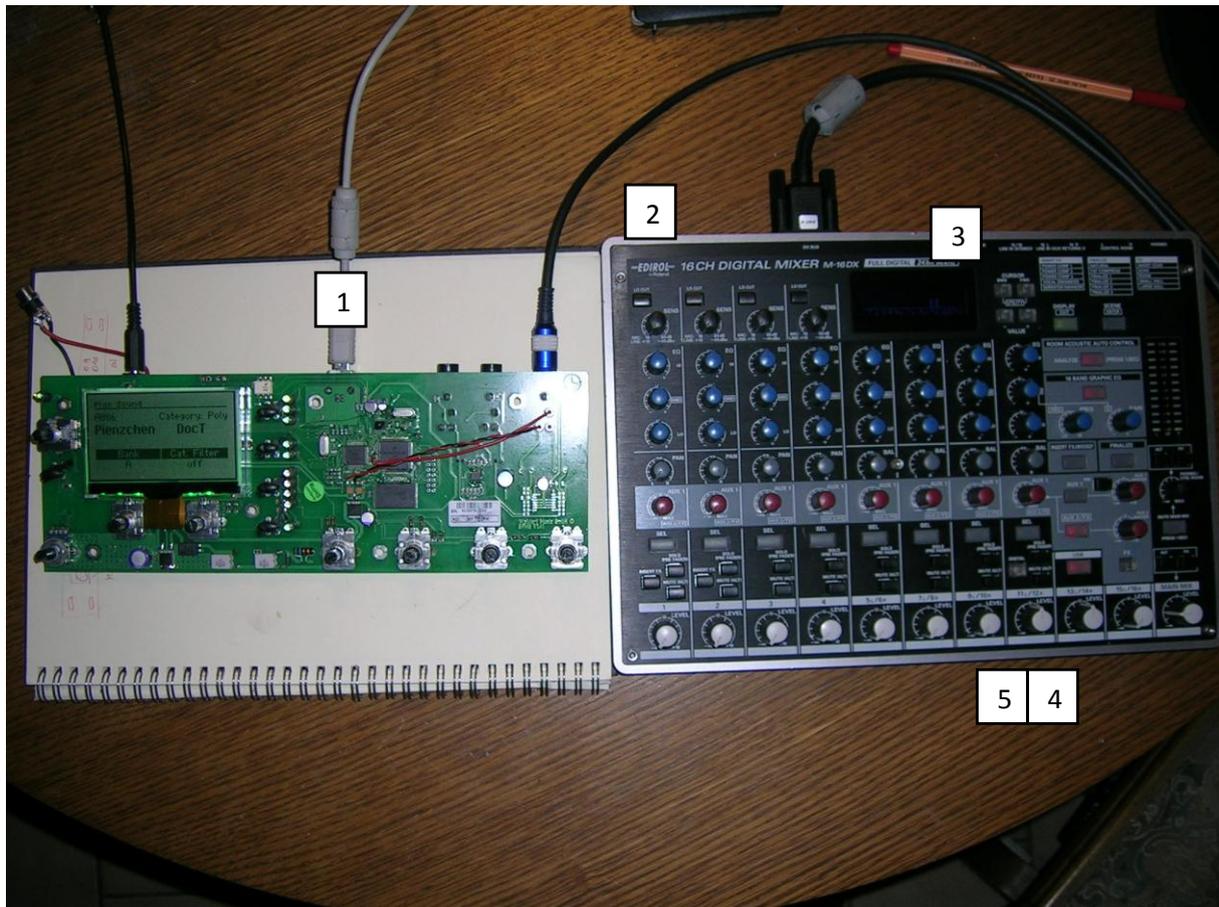
More pictures....



For anyone wondering, encoders got replaced by “stepped” ones. Well – I’m more the engineer ;)

Next side for the prove →

A quick setup



Blofeld connected via USB and controlled by Ableton Live, audiowise connected via an TOSLINK cable (1) to the digital mixer (2) – you may see on the tiny display (3) that there's input on CH11/12 and that the correspondent Channel Vol is set at middle (4) and that S/PDIF is enabled for this channel (5)

Got inspired? ...hope so ;)

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This is under no licence at all

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