

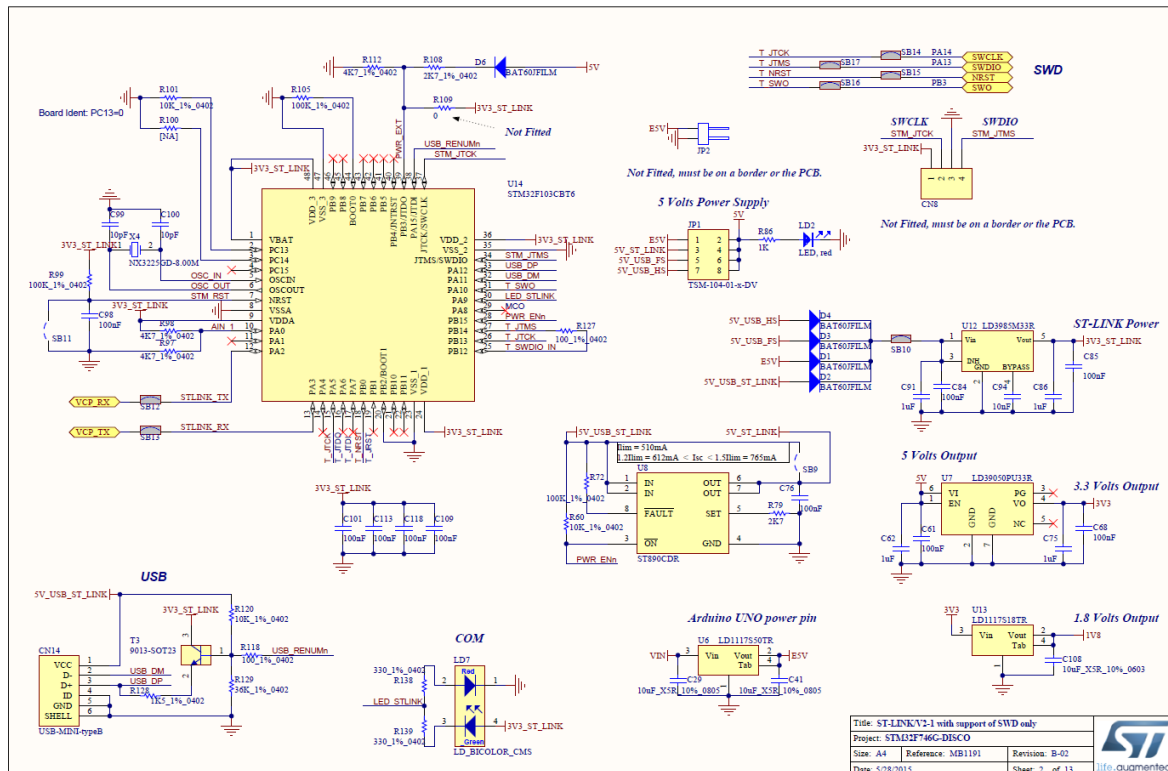
STM32F746G-Discovery with chinese STLINKV2

To make it possible to use this Discovery board with the EmBitz 1.1 IDE

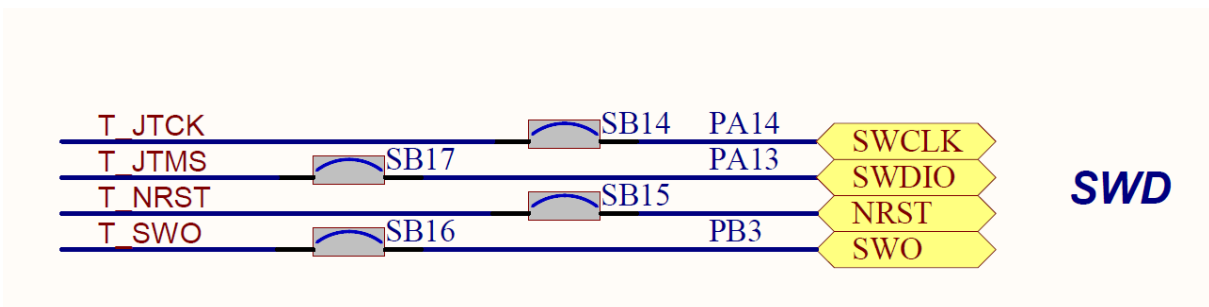
I know there are some more beautiful solutions, but I think it is the easiest way (quick and dirty) to evade the embedded STLinkV2 and just solder some cables, to use it with an STLINKV2.

1 Thoughts

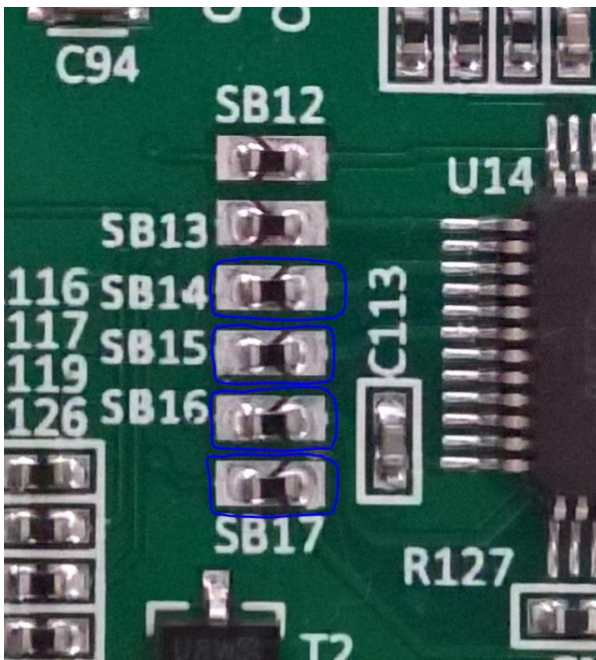
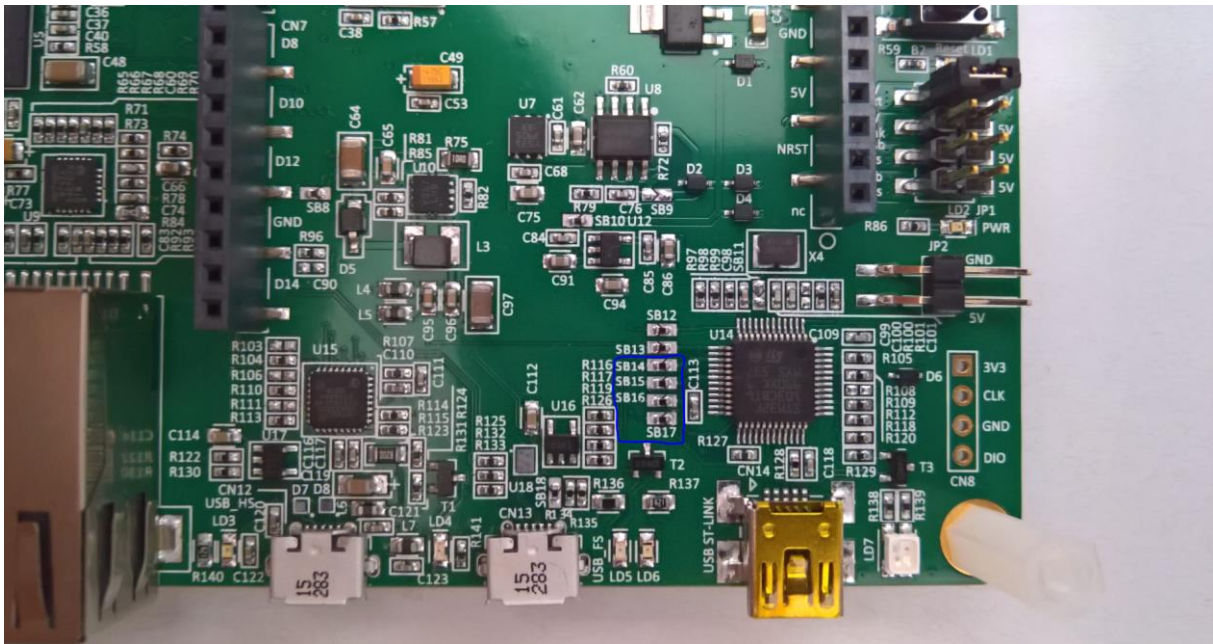
We need to have a look on the schematic page of the Discovery board with the embedded STLinkV2



In the upper right corner, you can see the debugging connection between the embedded STLinkV2 and the STM32F746 MCU.



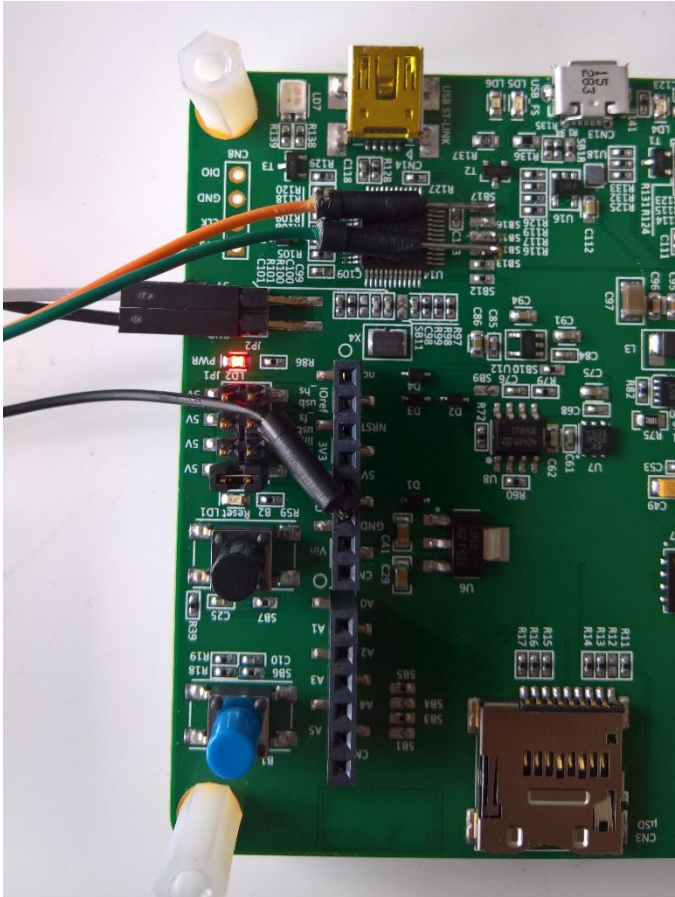
STM put some solder bridges SB14-SB17 in these connections. My idea is to desolder these bridges, and to solder some cables to these connections.



The two important connections are SB14 and SB17, because those are SWCLK and SWDIO, which are necessary for Serial Wire debugging.

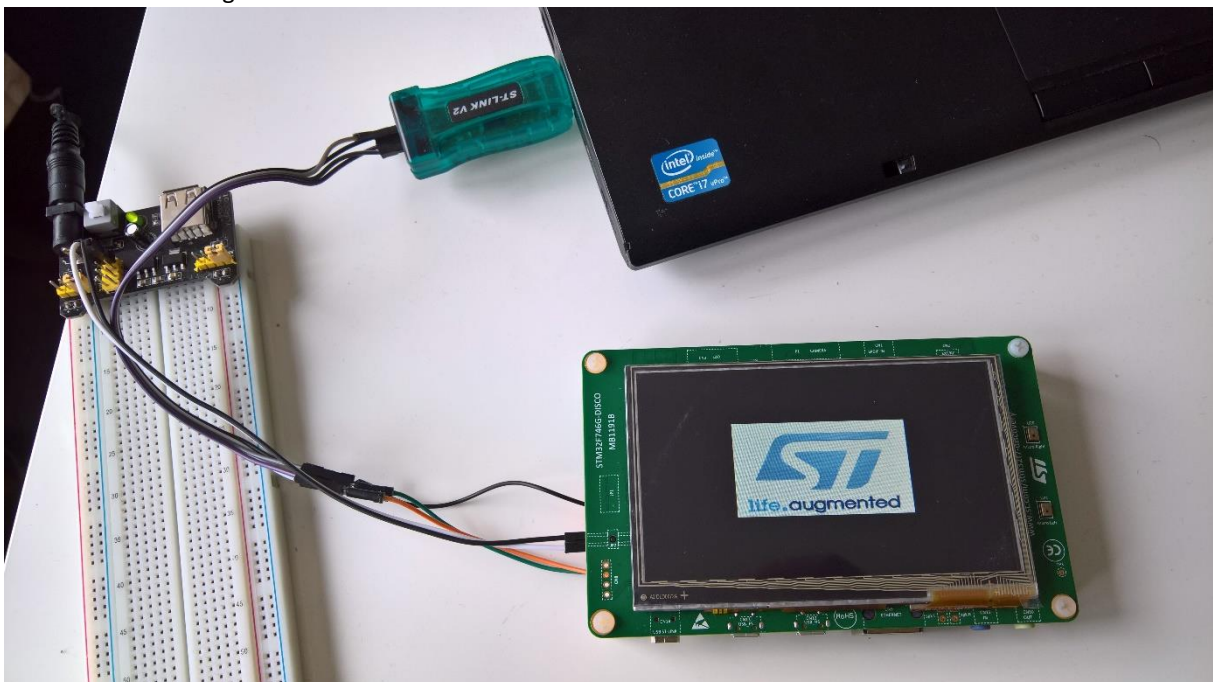
2 Connecting

Therefore, I desoldered these four bridges and connected soldered one cable to SB14 and one cable to SB17.



Do not forget to connect the ground pin of the external STLINKV2 to the board. I used one connector of the Arduino pinout on the board.

Finished and working!



3 License



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