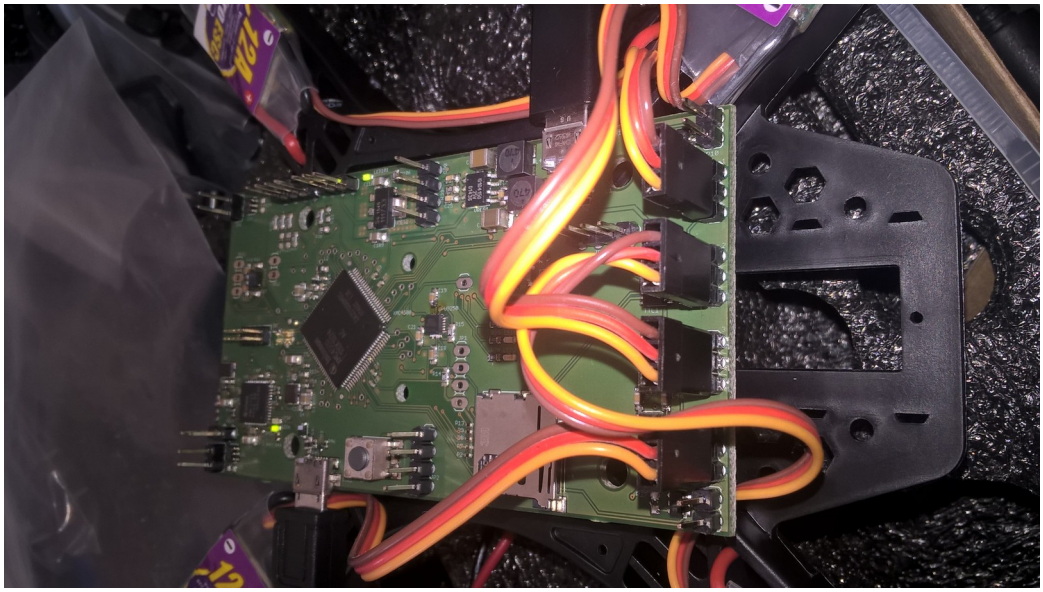
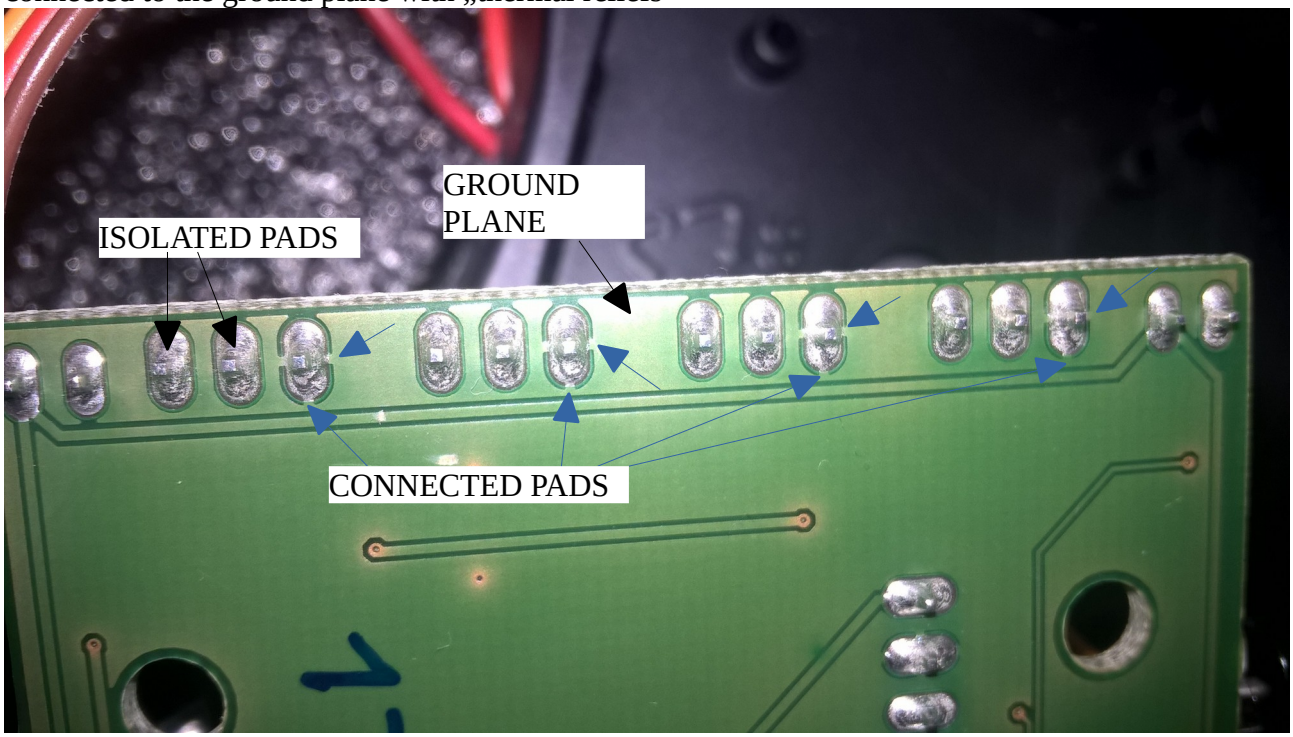
How we built a Quadrocopter with Infineon Widefield

Regarding the cabling:

This is the orientation the cables should be attached:

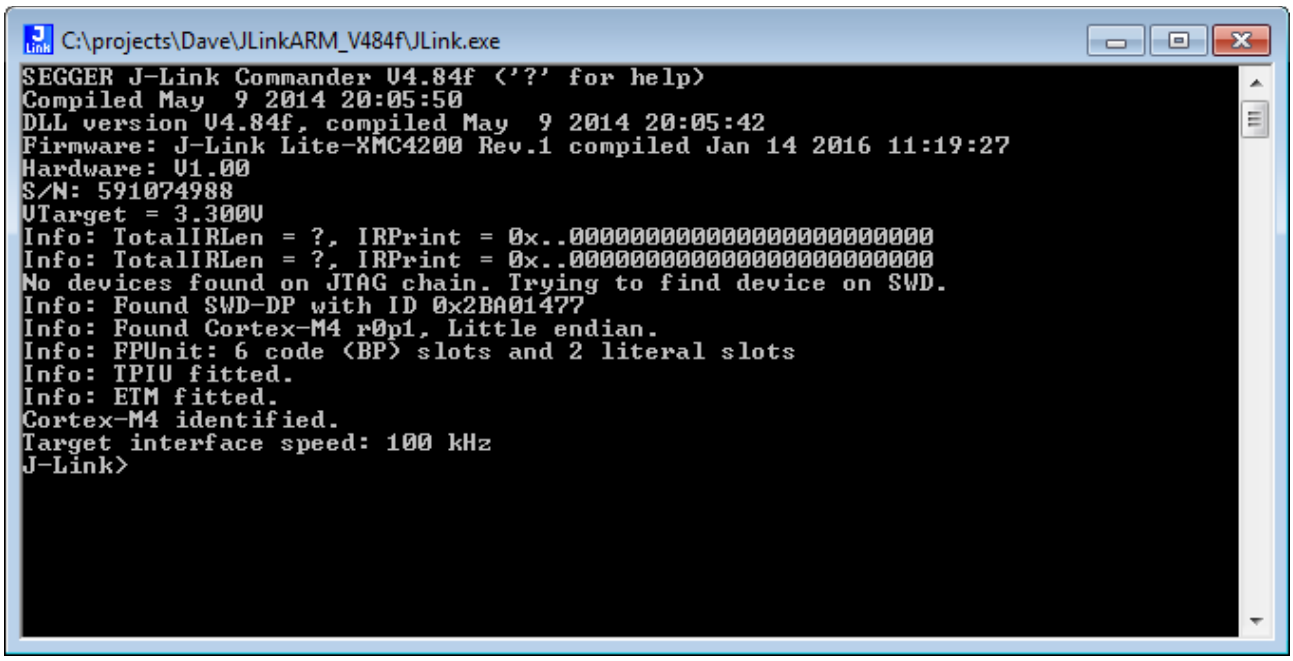


The brown cables are GROUND, and at the bottom side, you can see that the rightmost pads are connected to the ground plane with „thermal reliefs“

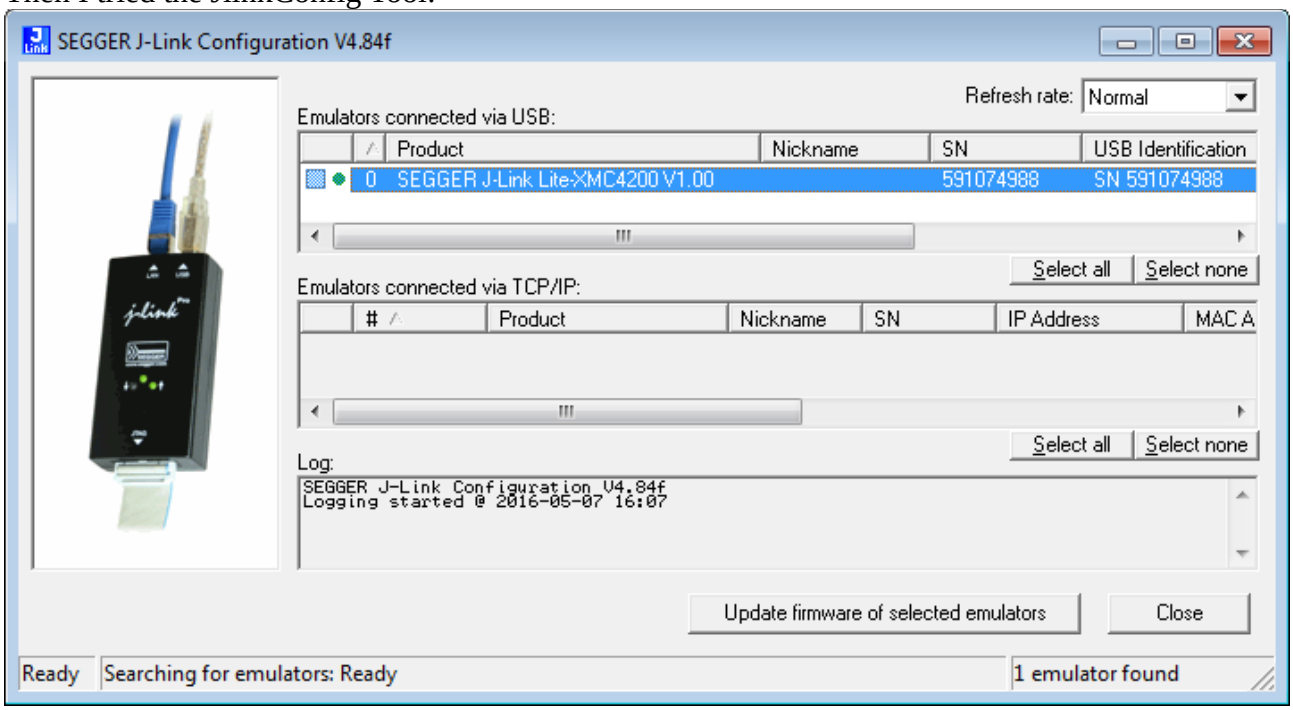


You can verify this by continuity testing (with a Multimeter)

I connected the lower USB port (on the same edge as the MicroSD card slot), and I started JLINK.EXE, and I got this, hooray!



Then I tried the JlinkConfig Tool:



Now to DAVE:
If DAVE is not installed on C:\DAVE-3.1.1, you will get the following error:

c:/projects/dave/arm-gcc/bin/../lib/gcc/arm-none-eabi/4.7.4/../../../../arm-none-eabi/bin/ld.exe: cannot find -larm_cortexM4_mathL_1
c:/projects/dave/arm-gcc/bin/../lib/gcc/arm-none-eabi/4.7.4/../../../../arm-none-eabi/bin/ld.exe: cannot find -larm_cortexM4_mathL_2
collect2.exe: error: ld returned 1 exit status
make: *** [LARIX_Software_150907.elf] Error 1

**** Build Finished ****

The solution is to correct the path as can be found here:
https://www.infineonforums.com/archive/index.php/t-780.html?s=ca4e196a26b45c4ea2e8626e184df745
2) Go to Project -> Active Project Properties -> C/C++ Build -> Settings -> ARM-GCC C Linker, correct ""C:\DAVE.../CMSIS/Lib/GCC"" in the Libraries search path (-L)