

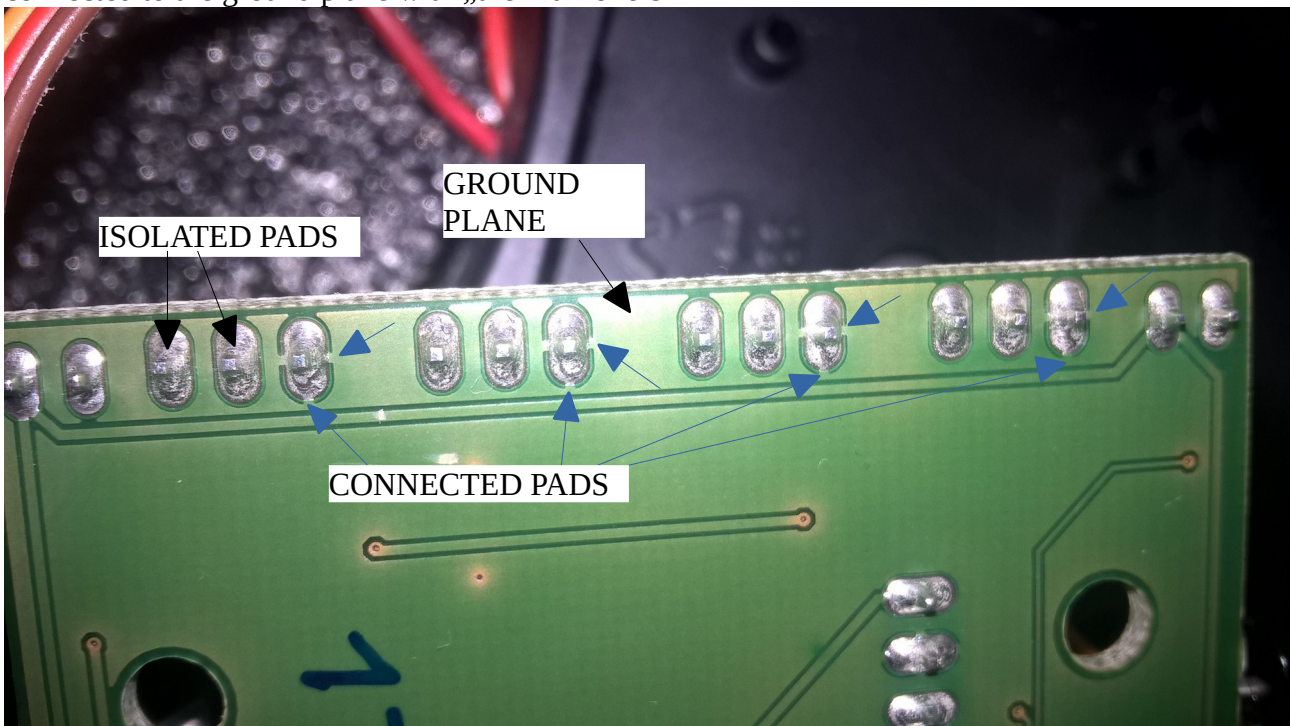
How we built a Quadcopter with Infineon Widefield

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)

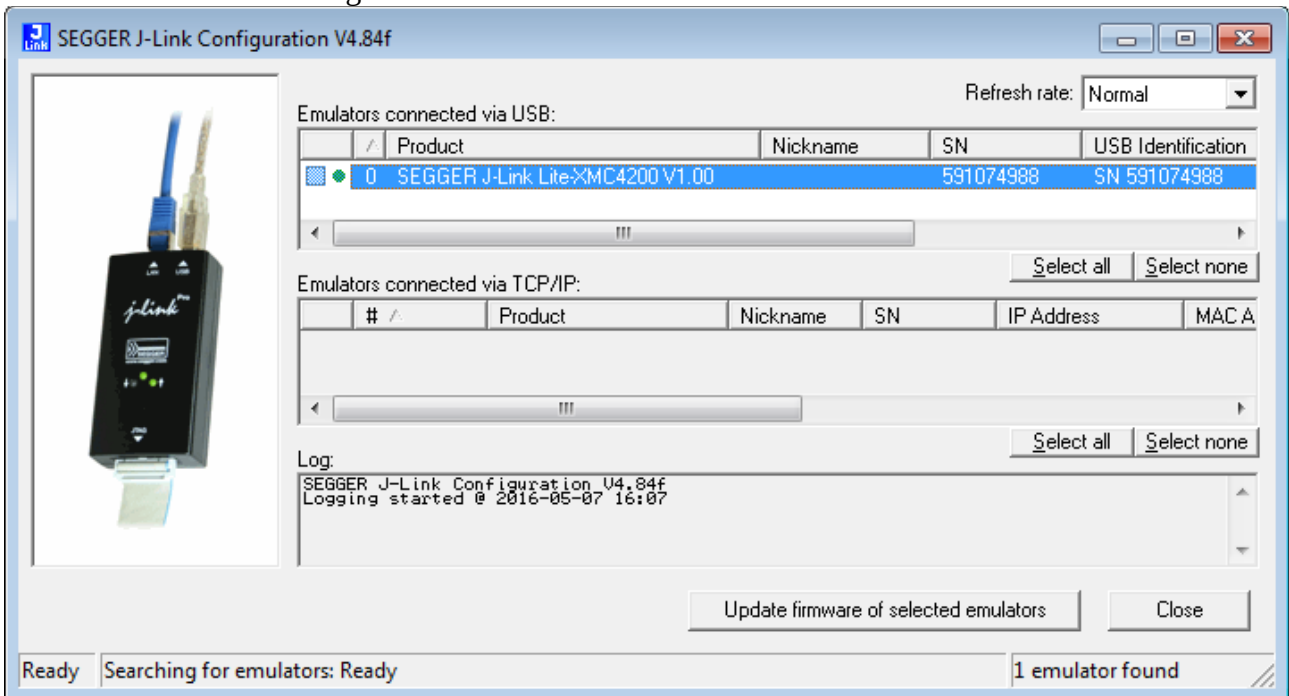
I connected the lower USB port (on the same edge as the MicroSD card slot), and I started JLINK.EXE, and I got this, hooray!

```

C:\projects\Dave\JLinkARM_V484f\JLink.exe
SEGGER J-Link Commander V4.84f ('?' for help)
Compiled May  9 2014 20:05:50
DLL version V4.84f, compiled May  9 2014 20:05:42
Firmware: J-Link Lite-ARM4200 Rev.1 compiled Jan 14 2016 11:19:27
Hardware: V1.00
S/N: 591074988
Utarget = 3.300V
Info: TotalIRLen = ?, IRPrint = 0x..000000000000000000000000
Info: TotalIRLen = ?, IRPrint = 0x..000000000000000000000000
No devices found on JTAG chain. Trying to find device on SWD.
Info: Found SWD-DP with ID 0x2BA01477
Info: Found Cortex-M4 r0pl, Little endian.
Info: FPUnit: 6 code <BP> slots and 2 literal slots
Info: IPIU fitted.
Info: ETM fitted.
Cortex-M4 identified.
Target interface speed: 100 kHz
J-Link>

```

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)