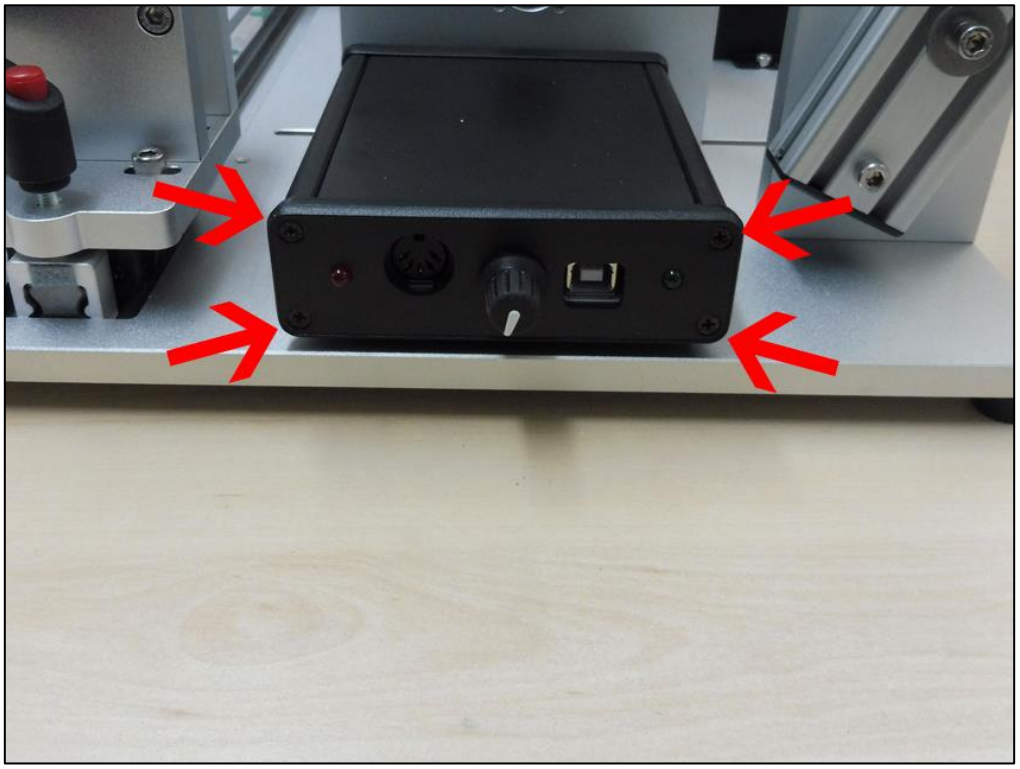
UPGRADING FIRMWARE

Connecting the JTAG Programmer

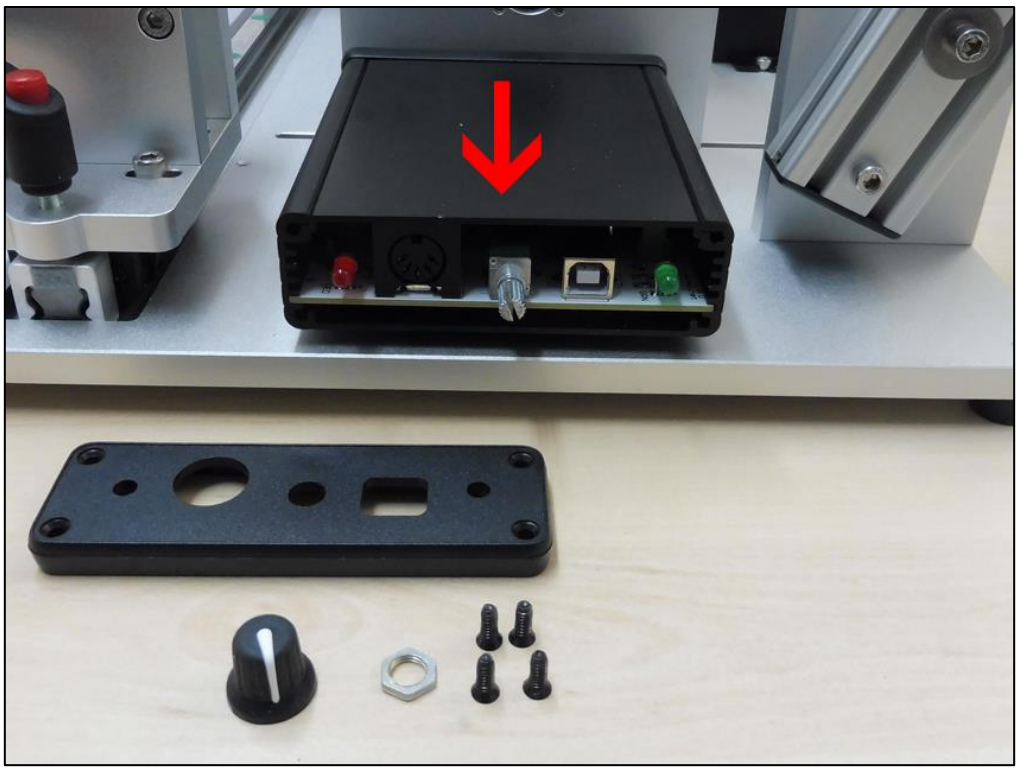


Remove the 4 screws on the front panel.

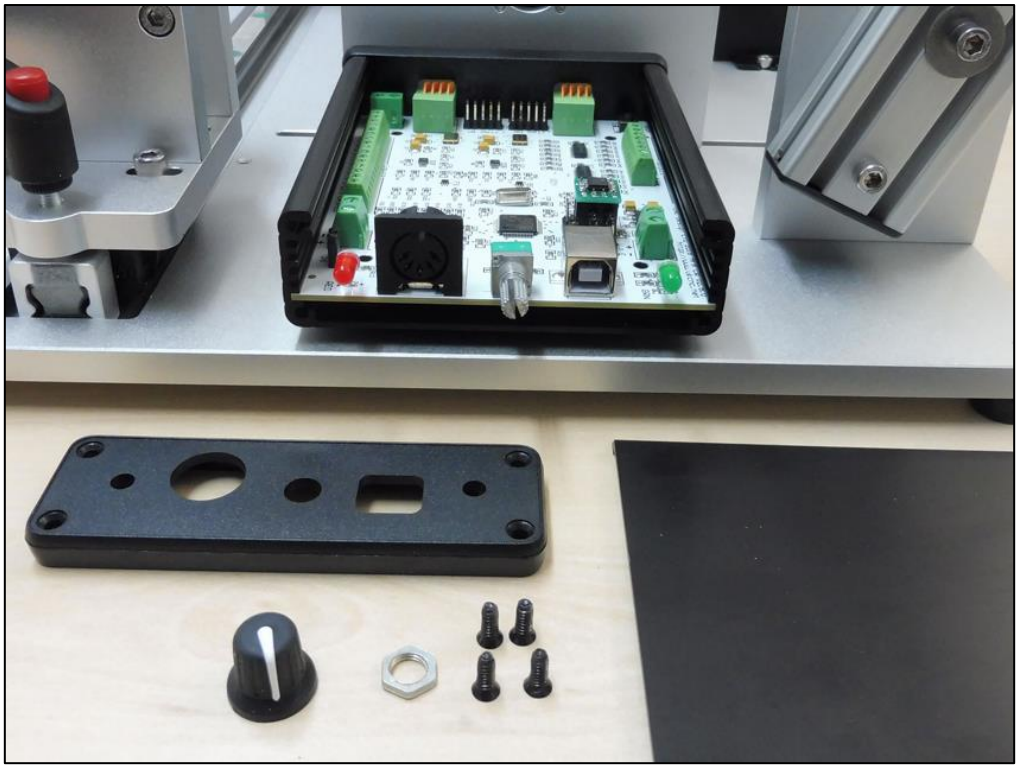
Pull the manual winder cap off.

Using a 10mm spanner remove the nut.

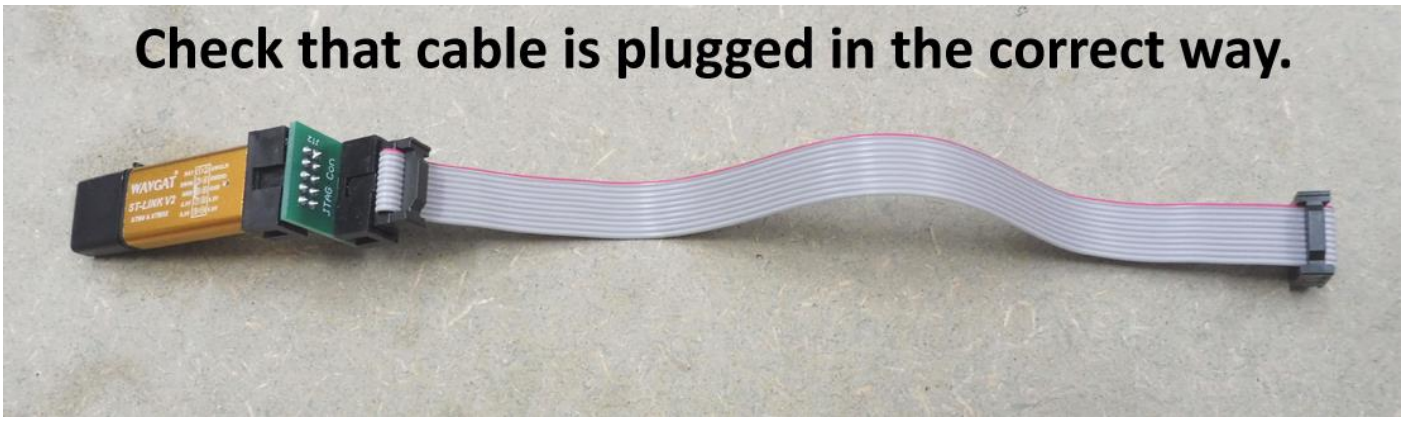
Pull the front panel off.

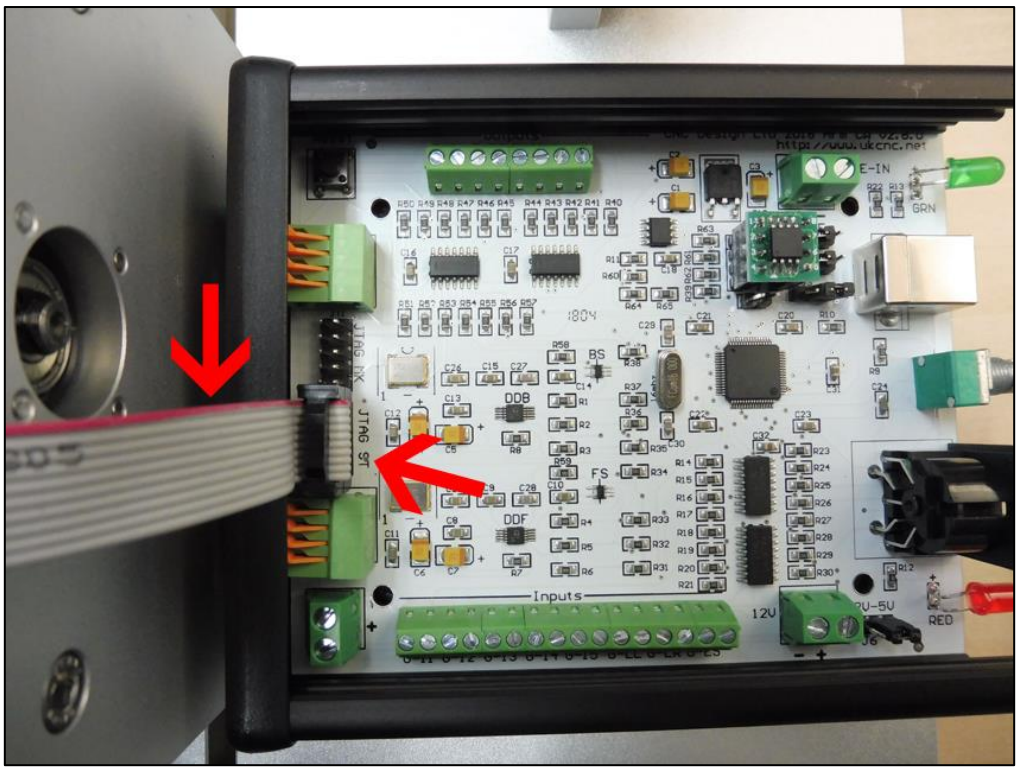


Then slide the lid out of the casing.



Now the lid is off we can connect the JTAG programmer.

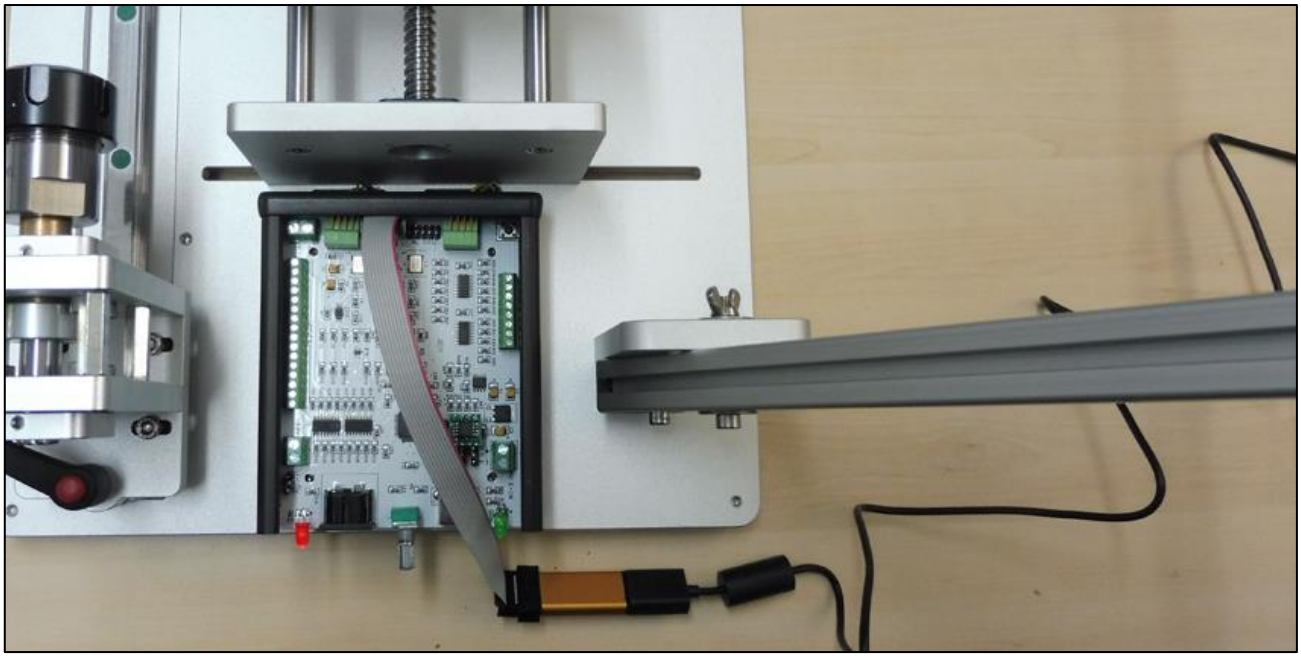




Ensure your JTAG Programmer is connected as shown above with the red line at the top. (IMPORTANT: Always connect your programmer to “JTAG ST” on the controller Board.

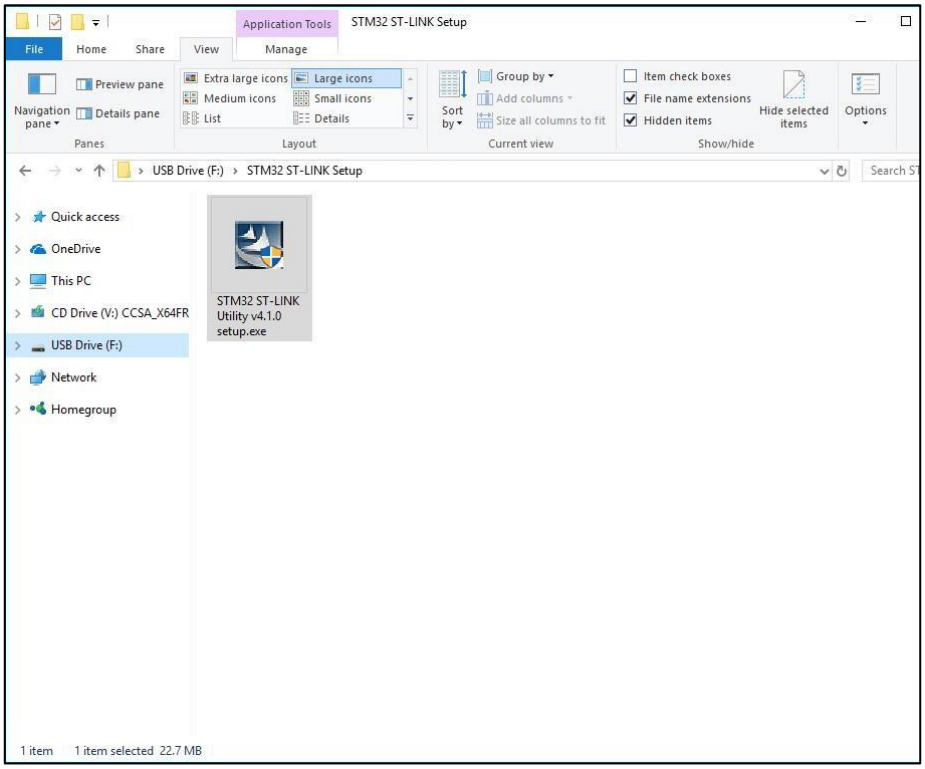
Make sure the adapter PCB is connected the correct way.

JTAG to ARM Controller MKII for Firmware Updates



Please Note: If the JTAG programmer does not reach your PC, use a Male to Female USB Lead as shown above.

Installing STM32 ST-Link Utility and programming firmware



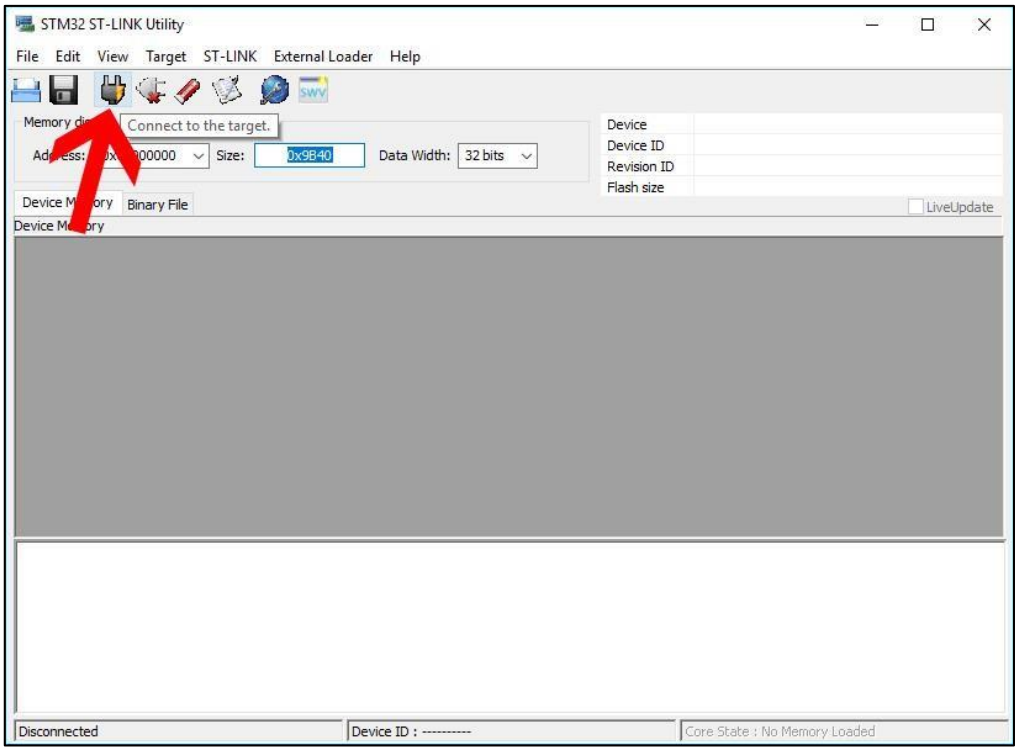
The STM32 ST-LINK Utility Setup Executable is located on the supplied USB memory stick as shown above.

Follow the instructions on the wizard to install the Program.

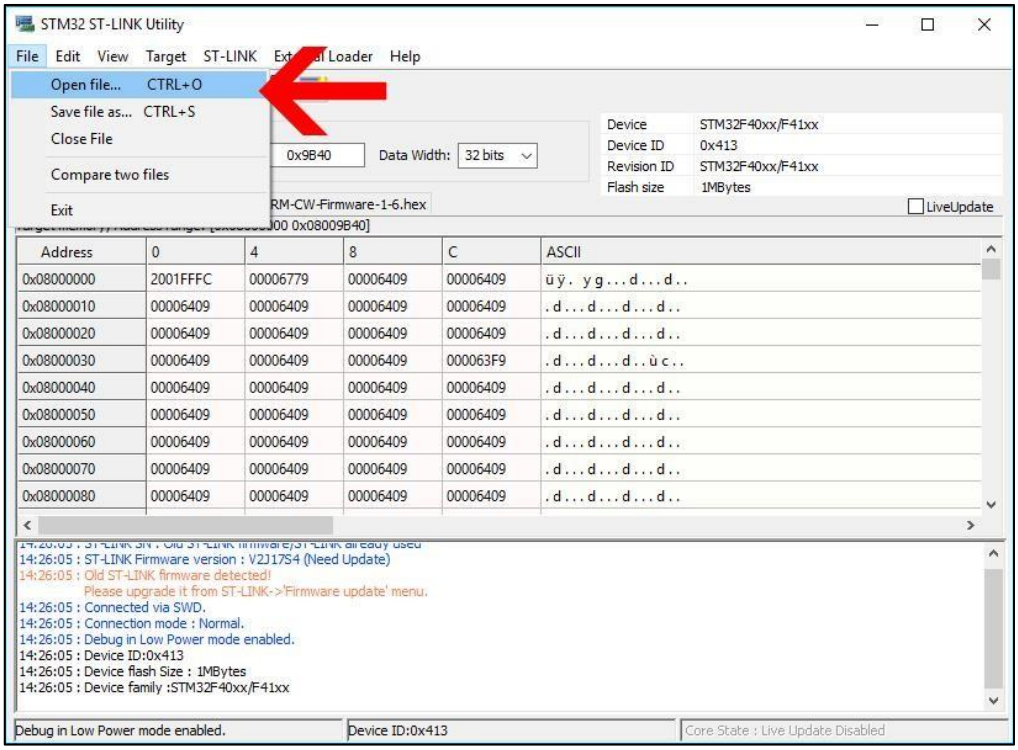
Alternatively you can download the software via the official Website.

http://www.st.com/en/development-tools/stsw-link004.html

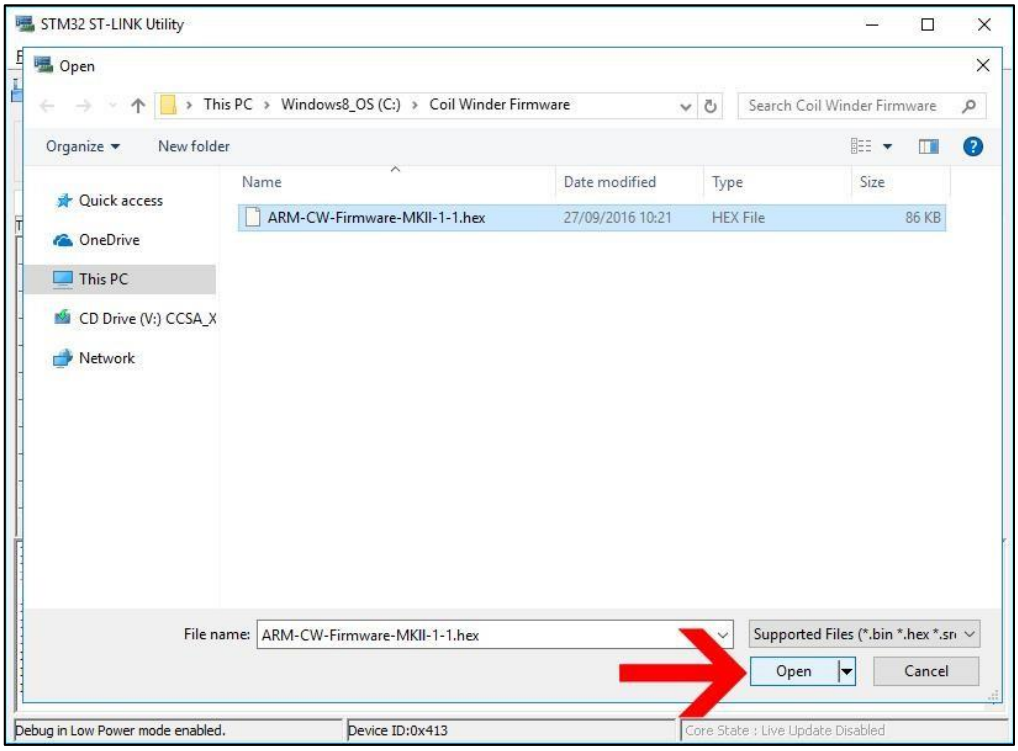
Once installed run the program.



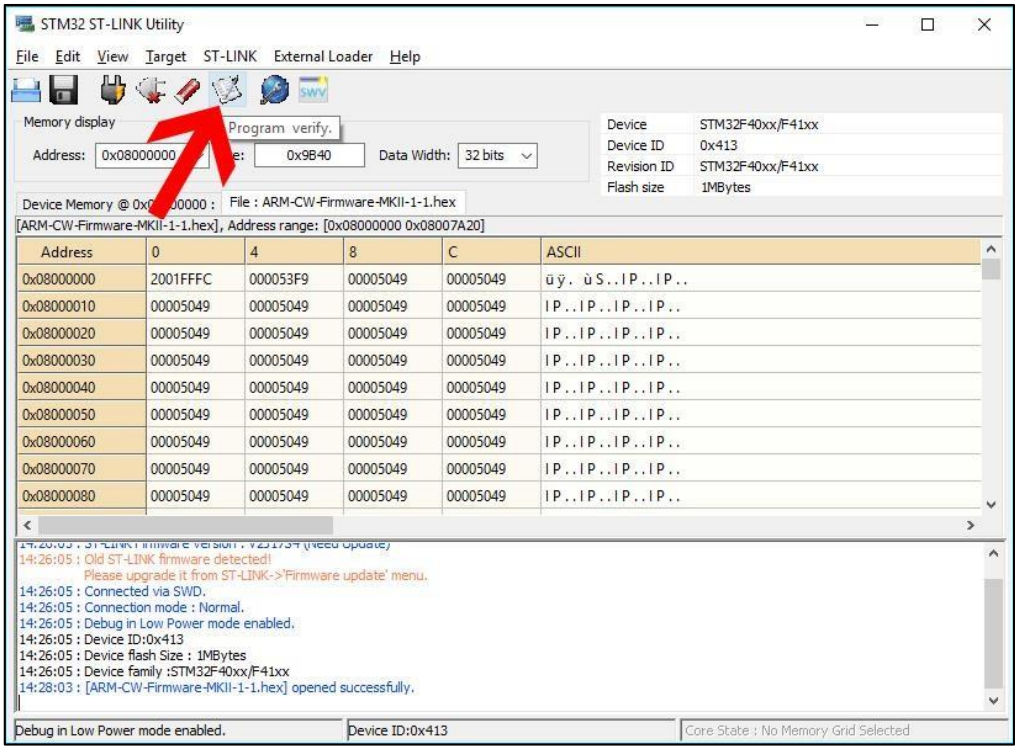
Ensure your JTAG Programmer is connected to your PC and click the Connect button.



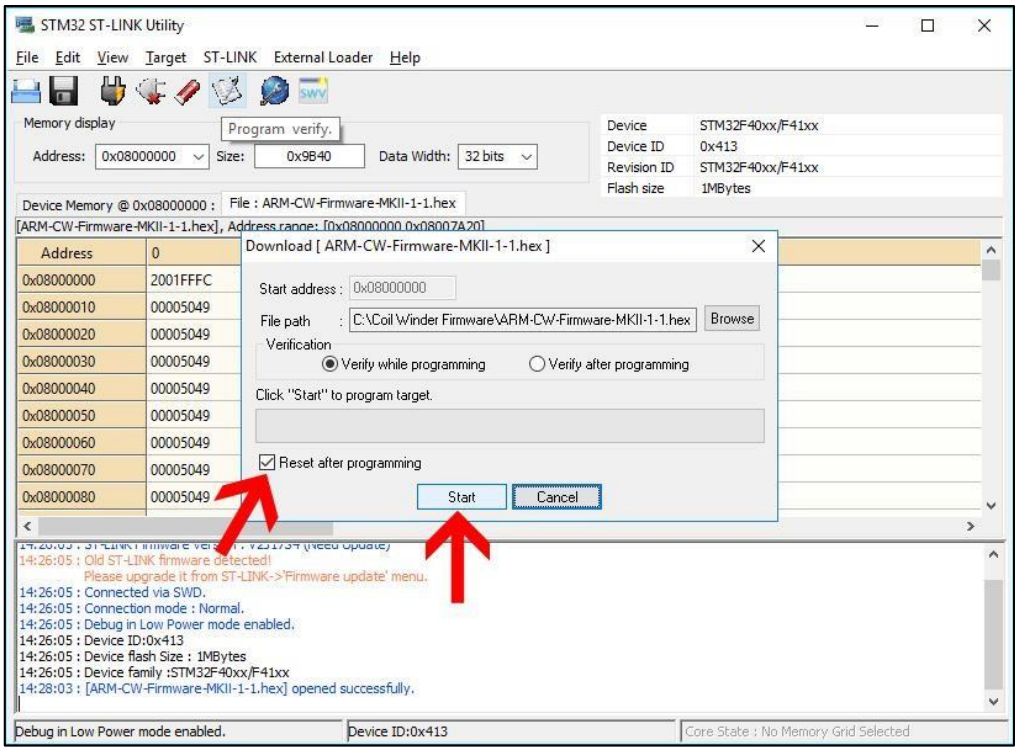
Along the top bar click “File” then select “Open file…” from the sub menu.



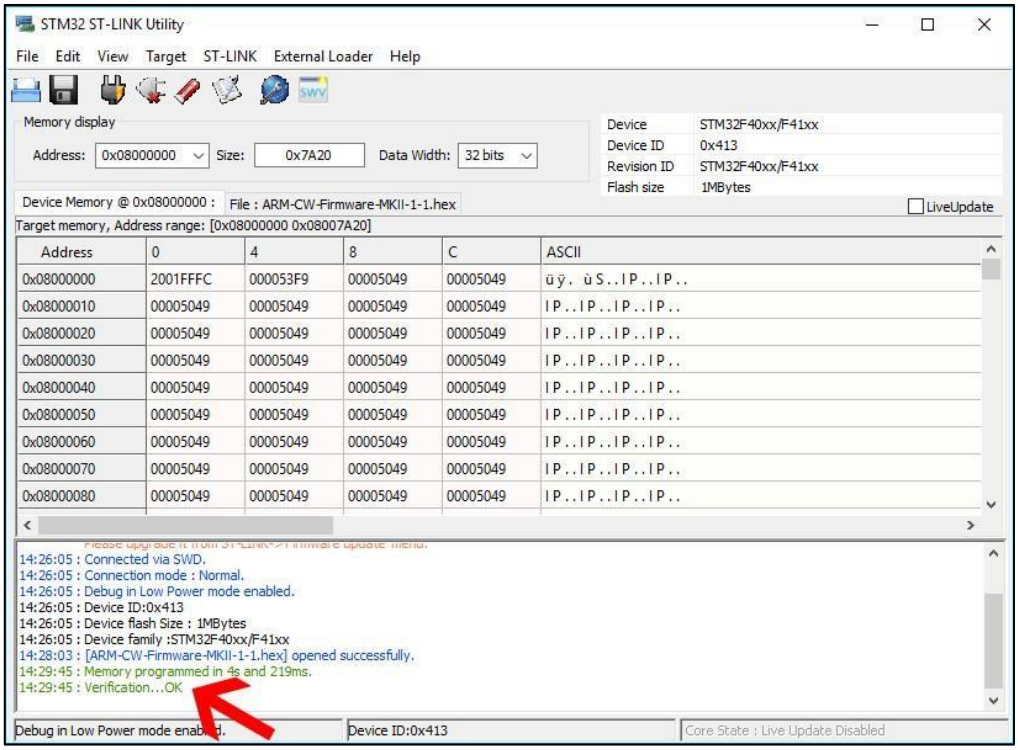
Locate the latest firmware file and click open.



Now click the Program Verify button.



Check the “Reset after programming” checkbox and click the start button.



Once complete you should see a verification…OK message in your log and now your Coil winder has the latest Firmware.

Now re-assemble the coil winder following the beginning steps in reverse.