

## ST-Link/V2 installation notes

To download software you have enter your name & Email address as requested on screen

First install the Driver software

Download the Drivers

[http://www.st.com/content/st\\_com/en/products/embedded-software/development-tool-software/stsw-link009.html](http://www.st.com/content/st_com/en/products/embedded-software/development-tool-software/stsw-link009.html)

unzip the file

in the folder \en.stsw-link009 find the follow driver installer programs

For 32bit Windows use the program dpinst\_x86.exe

For 64bit windows use the Program dpinst\_amd64.exe

Once drivers are installed Connect ST-Link/V2 to PC

PC should install STM32\_STLink

(check in Windows Device Manager / Universal Serial Bus Devices)

STM32\_STLink Should Be listed

LED on ST-Link will be Red

Next check firmware to see if it needs update

Download the latest firmware files

[http://www.st.com/content/st\\_com/en/products/embedded-software/development-tool-software/stsw-link007.html](http://www.st.com/content/st_com/en/products/embedded-software/development-tool-software/stsw-link007.html)

en.stsw-link007.zip

Unzip en.stsw-link007 in the folder en.stsw-link007\stsw-link007V2J28M18RC2\Windows

use program ST-LinkUpgrade.exe

When run Click [Device Connect]

Then it should show Current Firmware Version

If newer Version is shown , To Upgrade Click [Yes]

Once Upgrade is complete unplug USB & Reconnect USB

Installing STVP

[http://www.st.com/content/st\\_com/en/products/development-tools/software-development-tools/stm8-software-development-tools/stm8-programmers/stvp-stm8.html](http://www.st.com/content/st_com/en/products/development-tools/software-development-tools/stm8-software-development-tools/stm8-programmers/stvp-stm8.html)

Download the file en.stvp-stm8.zip

Unzip it

In the folder en.stvp-stm8

**Run As Administrator** the program sttoolset\_pack40.exe

Follow on screen instructions

Desktop Icon will have been added to desktop , the Programmer is **ST Visual Programmer**

Takes a few moments for programmer to Run

### See latest Release note documentation for each software version

Download setting with Handheld reader

write settings down

Once software updated reload settings

& check they are same as your written copy !

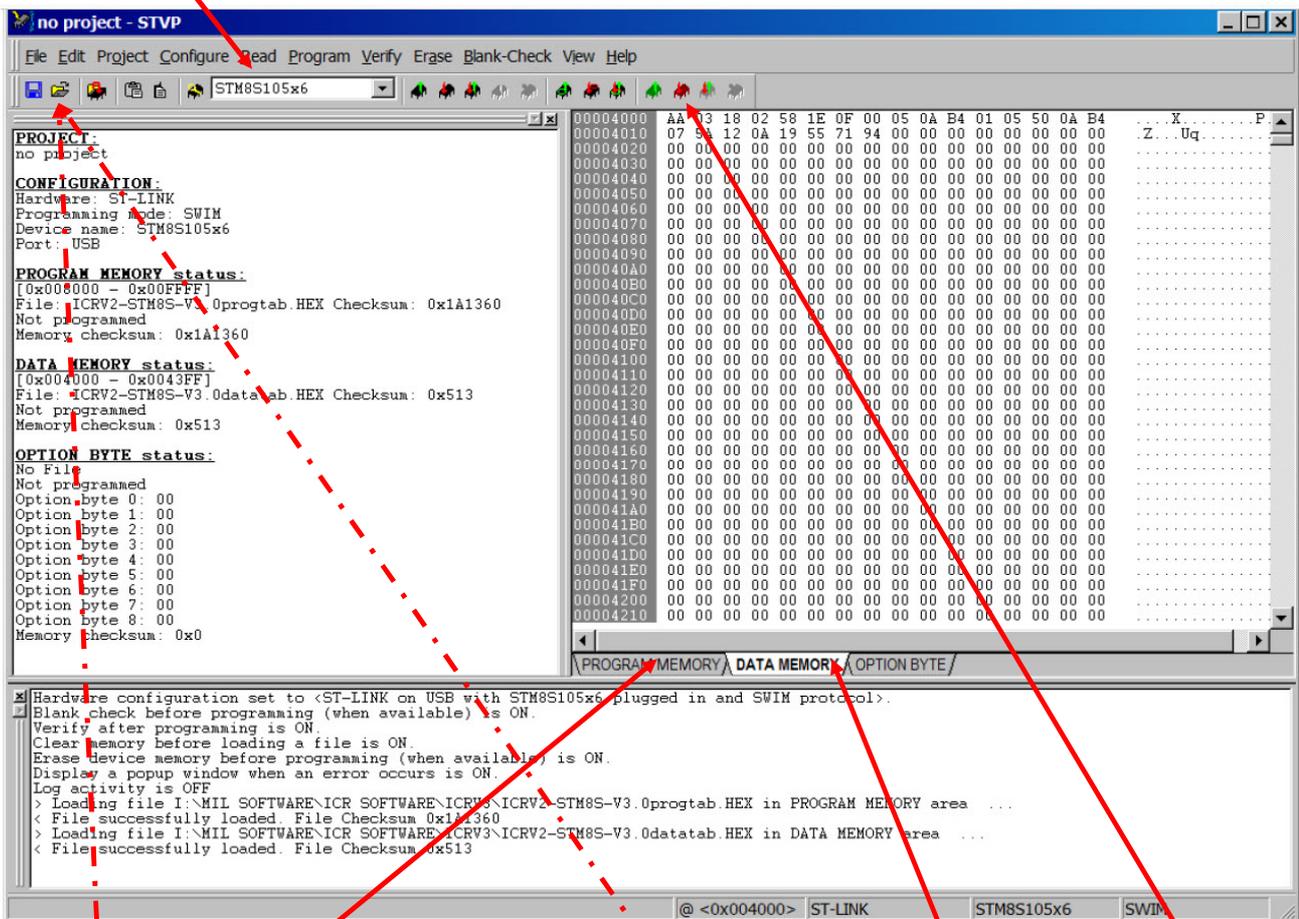
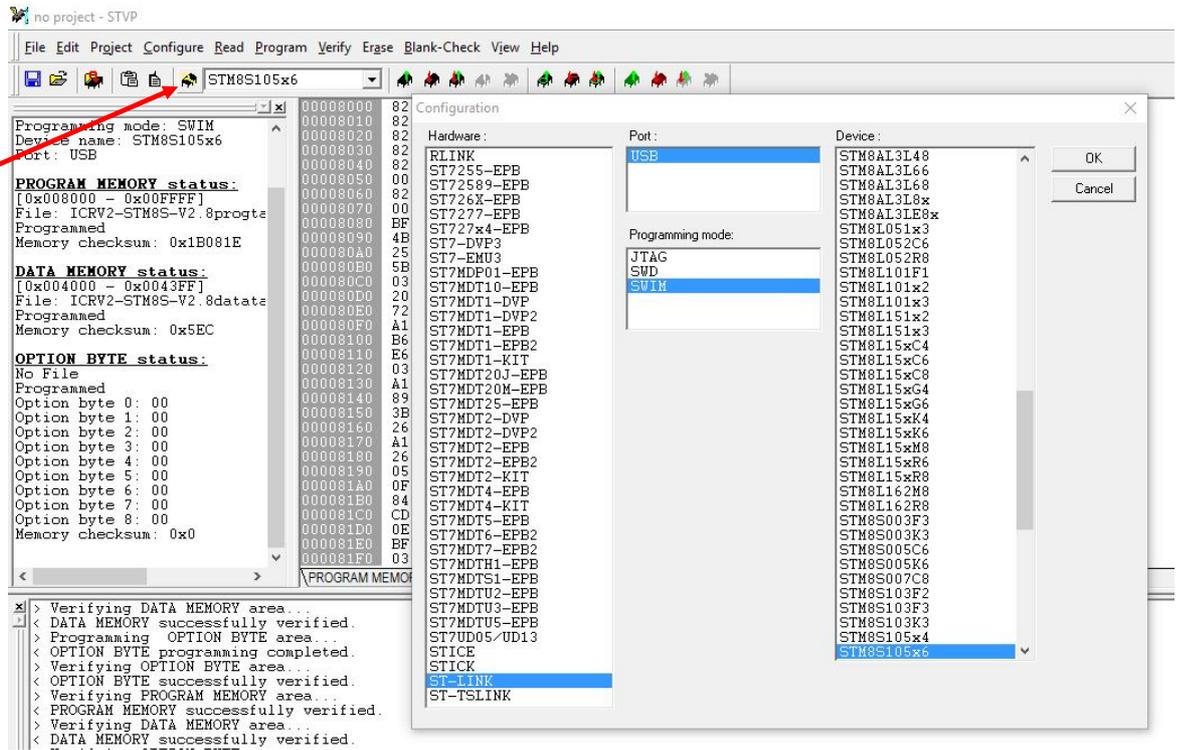
LED on ST\_link

Green/Red Flash when Connecting

Amber If fails to Connect

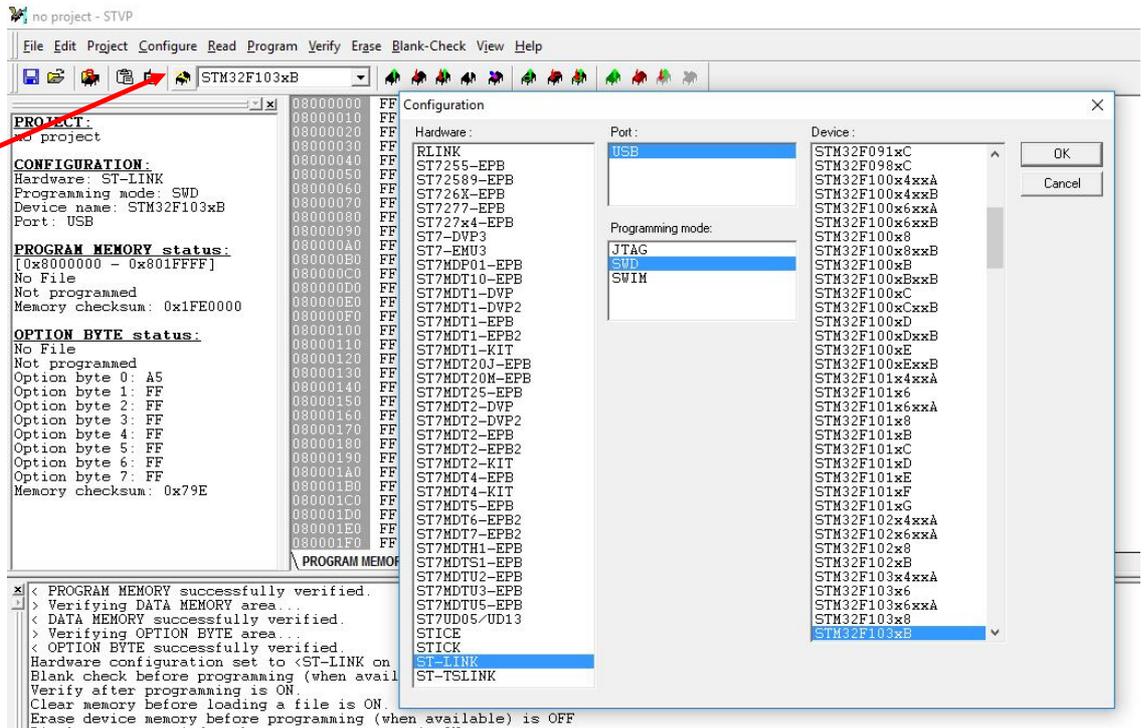
Green when Connected & OK

# ICR v2



To program click [Program All Tabs]

# iCore v3/3A



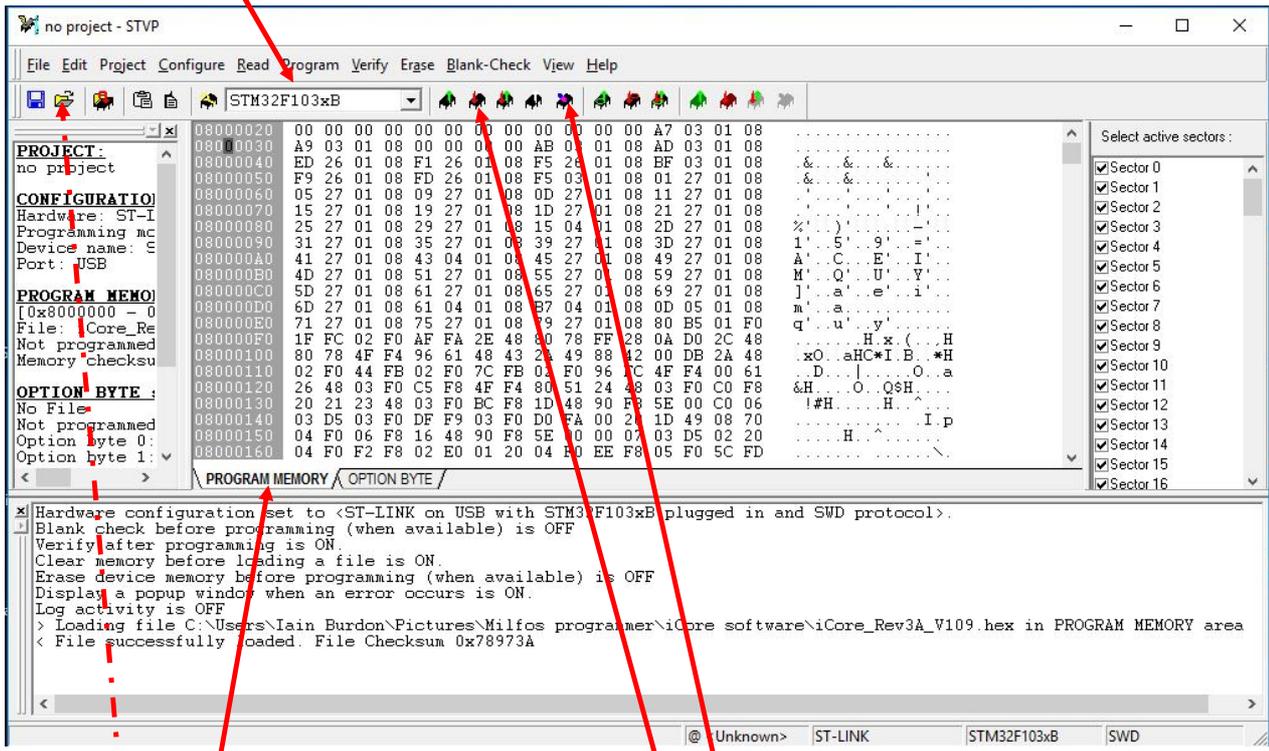
**Programmer Configuration**

Hardware  
**ST-Link**

Port  
**USB**

Programming Mode  
**SWD**

Device  
**STM32F103xB**  
Check Device type with Milfos Doc's

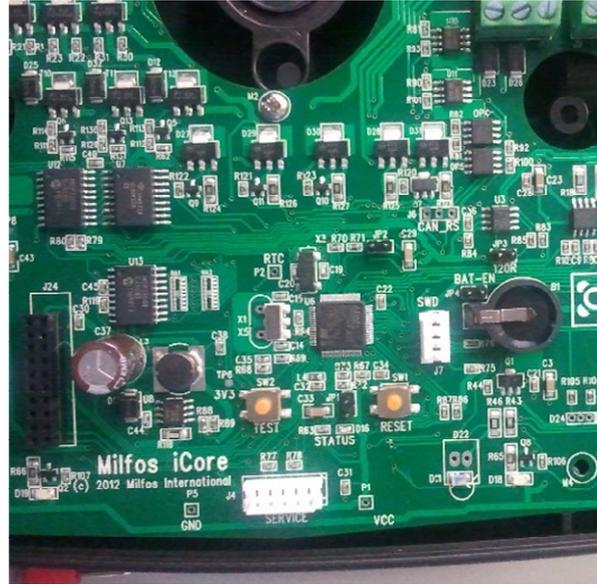


Select the Program Memory Tab  
Open File\iCore\_Rev3A\_V109.hex (this example for ver 3A)  
Lower screen should tell you loaded OK

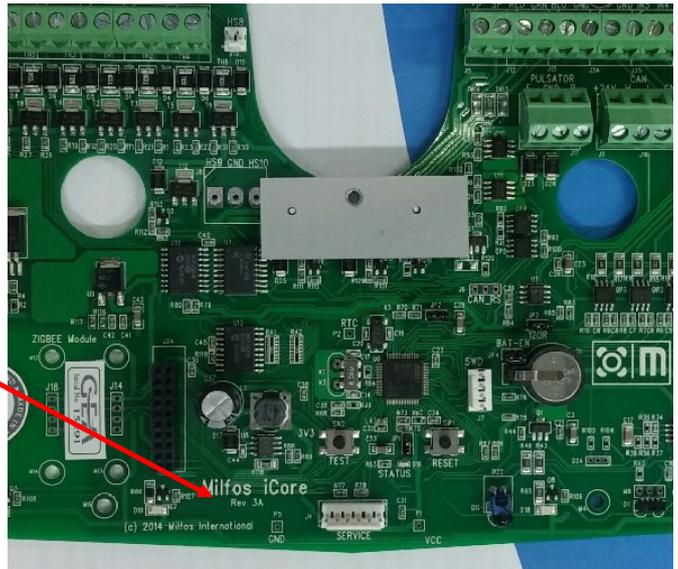
To Erase click [Erase]

To program click [Program current Tab]

Version iCore v3



Version iCore 3A



Below the Printing Milfos iCore  
See **Ver 3A**