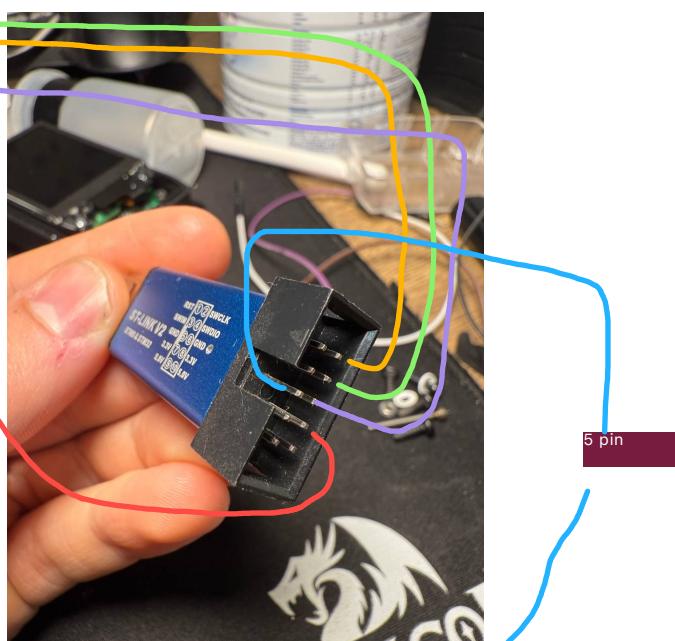




5 pin of stlink need to be shorted to C45 capacitor later

- 1) Connect all pins from st link to baord except 5 pin
 - 2) Short 5 pin to C45 capacitor
 - 3) execute dump_memory.bat
 - 4) when you will see this line, release capacitor



short to this pin



- 5) after you will see MEMORY_G3.bin near to dump_memory.bat
 - 6) execute fix_cpu.exe
 - 7) enter speed from 1 to 255 and the Y or N for changing serial number to US

```
-./D/P/h/fix_vcu (main|*2*)$ ./fix_vcu
Enter the speed (1 to 255): 255
Do you want to change the region (Y/N)? Y
Deleting existing copy: MEMORY_G3.bin.patched.bin
Created copy: MEMORY_G3.bin.patched.bin
Written value 255 to address 0x1F0BD
Written value 255 to address 0x1F091
Written value 255 to address 0x1F4BD
Written value 255 to address 0x1F491
Written value 0x43 to address 0xF023 (US SN)
Written value 0x43 to address 0xF423 (US SN)
Done
```

- 8) short stlink 5 pin to c45 capacitor
- 9) execute flash_memory_patched.bat
- 10) release capacitor as described above

DONE