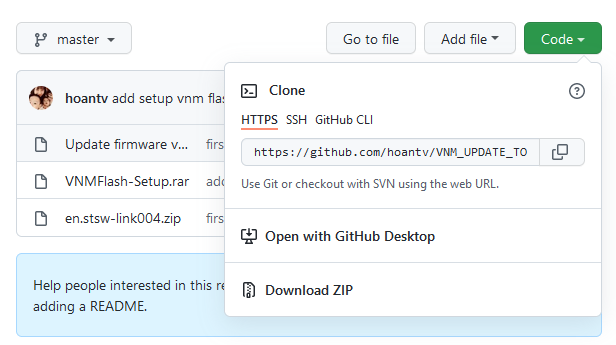
1. **Download Update tools from**

<https://vnmsimulation.com/download>

click download ZIP



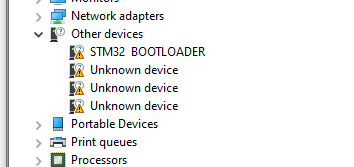
1. **Enable DFU Mode for VNM products**

* There are few type to enable DFU mode for VNM products.

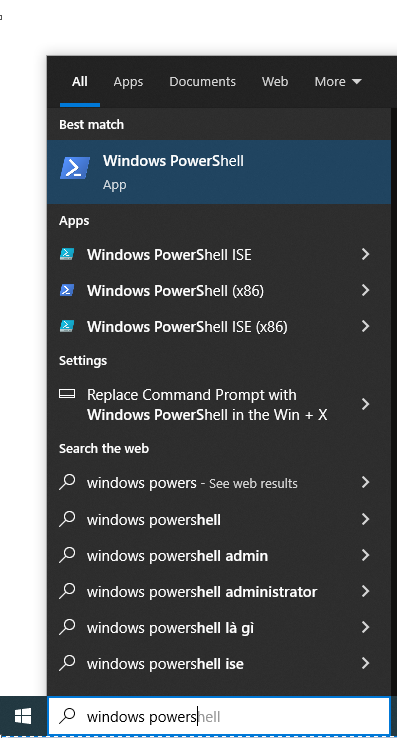
+ If it is a button (on the back of shifter, on the side of a handbrake): Push it and let it in high state, reconnect usb cable.

+ If it is a switch (on the back of shifter, on the side of a handbrake, on the pedal box, ffb controller box): toggle switch to DFU and reconnect usb cable.

* You will see an unknown device STM32 BOOTLOADER like is (it can be in other group device)

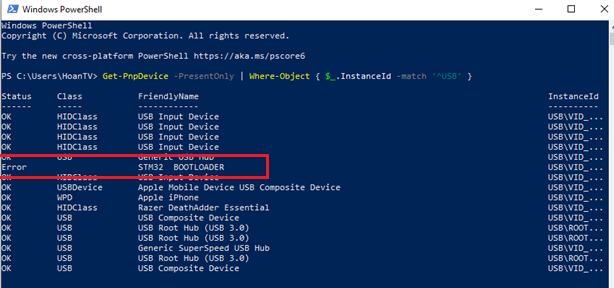


* To find it easier, use PowerShell:



Type: Get-PnpDevice -PresentOnly | Where-Object { $\_.InstanceId -match '^USB' }

It will show STM32 BOOTLOADER with status “Error”

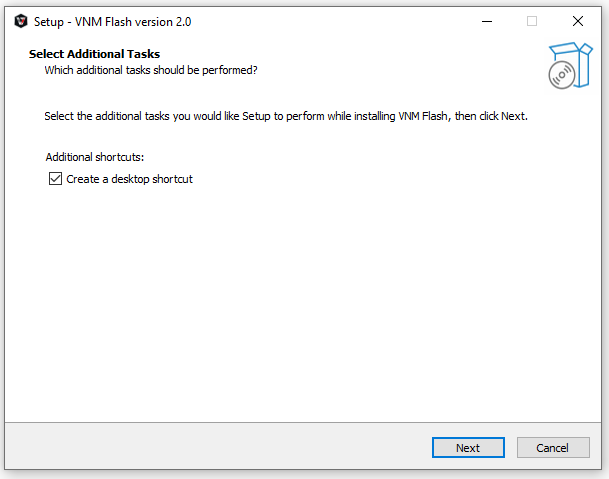


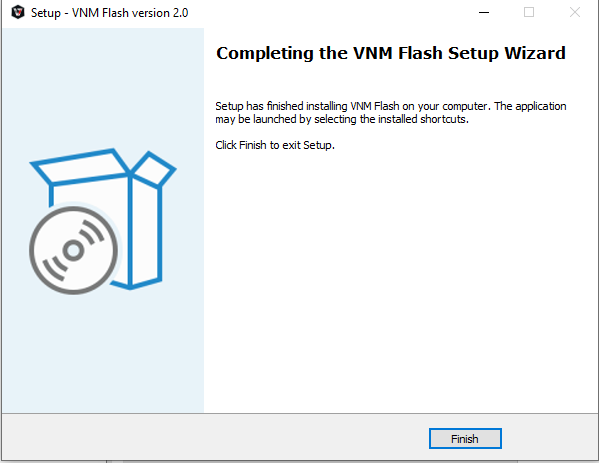
Note: If it shows “Guillemot STM DFU Device”, you must uninstall this driver before install VNM Flash:

Device manager -> choose “Guillemot STM DFU Device” -> uninstalling device (tick to checkbox “delete the driver software for this device) -> click uninstall -> restart PC.

1. **Install software and driver**

Open downloaded ZIP file -> open VNMFLASH-Setup.rar -> click Setup.exe and do as following:



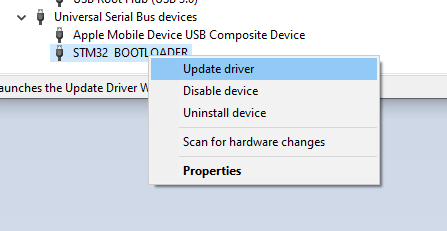


Using powershell check again, now status is “OK”.

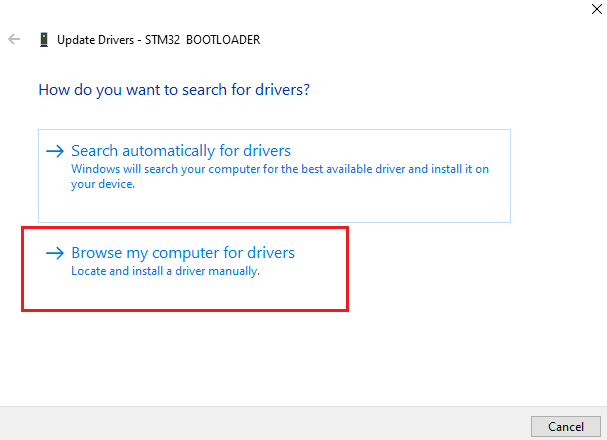


1. Choose DFU driver

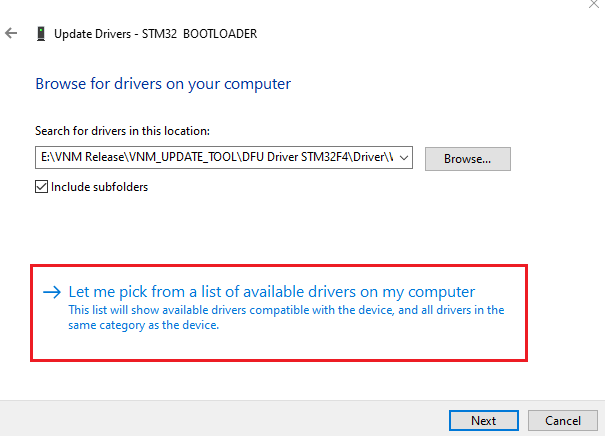
* Right click on STM32 BOOTLOADER -> update driver



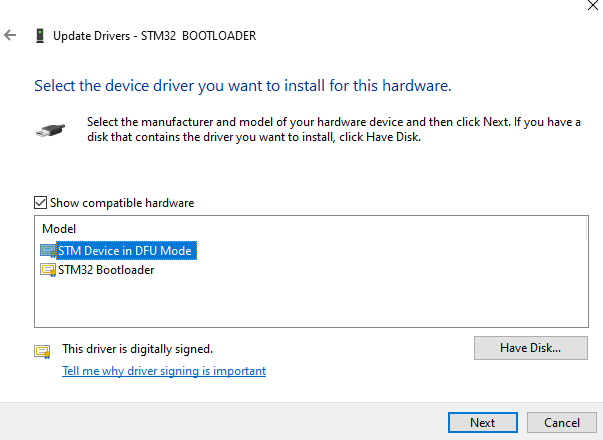
* Choose “Browse my computer for drivers



- Choose “Let me pick from a list of availaible drivers on my computer”



Choose ”STM Device in DFU mode” -> Next -> Close



* Open VNMFlash now you can see the VNM device in DFU mode. Do “Erase” if you start installing new firmware.

