

Nucleo Firmware Update

Last updated 8/12/22

EE2905 – Nucleo Firmware Update

- Why Update
 - It may have been a long time since your board was manufactured
 - Each board has “firmware” programmed at the factory
 - Firmware is a very low-level program that tells the processor what to do at power-up and how to communicate through the USB
 - Over time, bugs are fixed, or improvements are made to the firmware
 - We need to update the firmware to make sure it is current

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- Update Firmware
 - Step 1
 - **Plug** your processor board into your laptop
 - Step 2 – updated firmware code
 - **Download** the firmware “zip” file from the Lab 1 section of the website – use the downloads directory for the destination
 - **Rt-click** on the zip file and **select “extract all”** – use the downloads directory for the destination
 - Step 3 – firmware update
 - **Traverse** into the extracted directory
 - [Downloads/en.stsw-link007_v3-10-3/stsw-link007/Windows](#)
 - **Click** on the [ST-LinkUpgrade.exe](#) file

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- Update Firmware
 - If your device is not automatically found – **select Device Connect**
 - **Select Yes >>>>** to upgrade the firmware

