

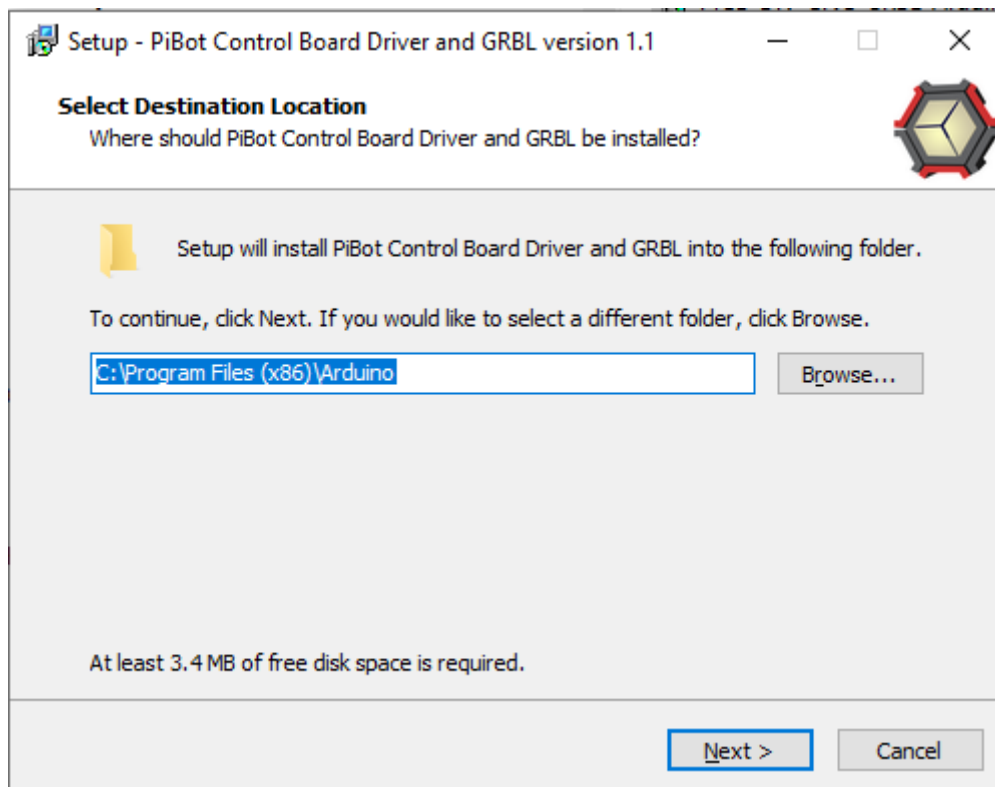
## Upload the GRBL 1.1 Firmware for PiBot Control Board HW Rev 2.3

1. Download and install the latest Arduino, from official website:

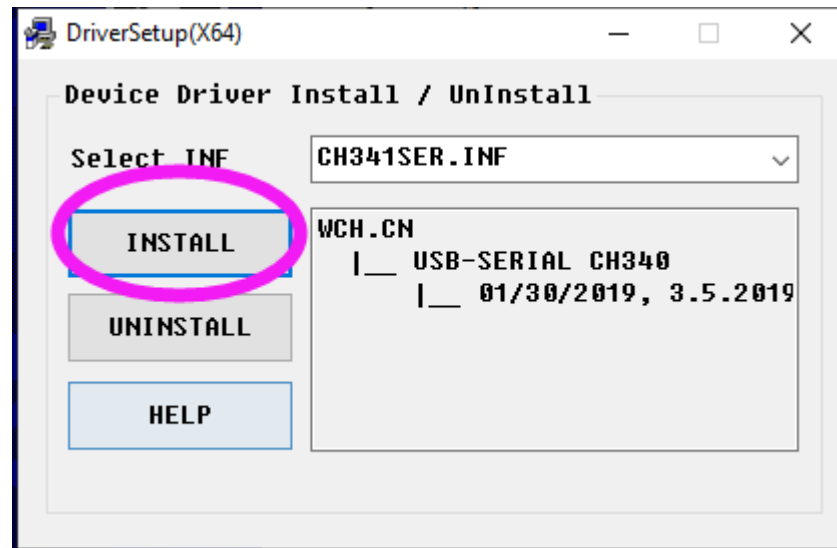
<https://www.arduino.cc/en/Main/Software>



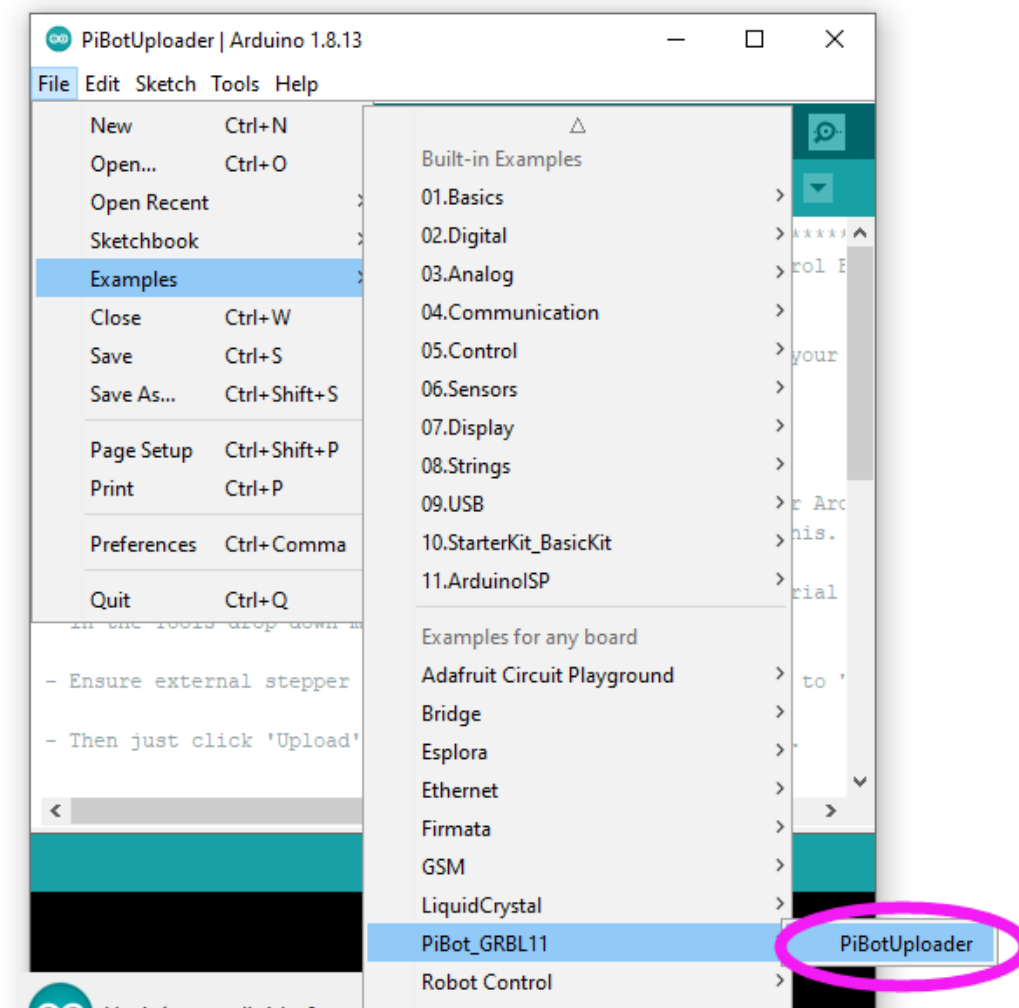
2. Install the PiBot Addon for Arduino. Run "picb\_drv\_cnc\_grbl\_arduino\_addon.exe" and follow the install instructions. Note at the end of the installation, a new pop-up window will ask if you wish to install the USB drivers, click "INSTALL" button if you haven't done this.



## Upload the GRBL 1.1 Firmware for PiBot Control Board HW Rev 2.3

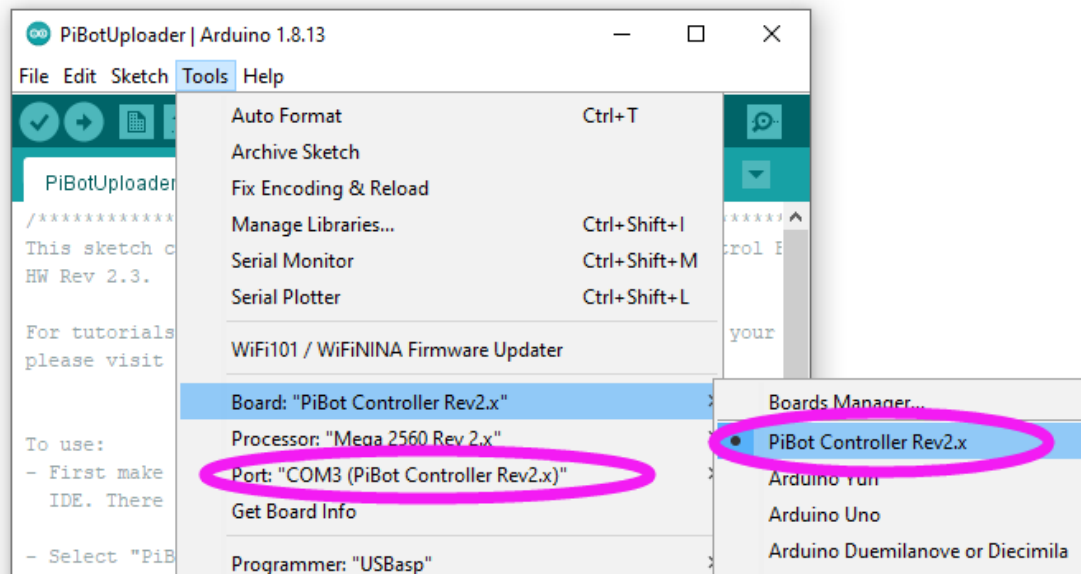


3. Start Arduino IDE, from menu, select "Files" -> "Examples" -> "PiBot\_CNC\_GRBL11" -> "PiBotUploader".

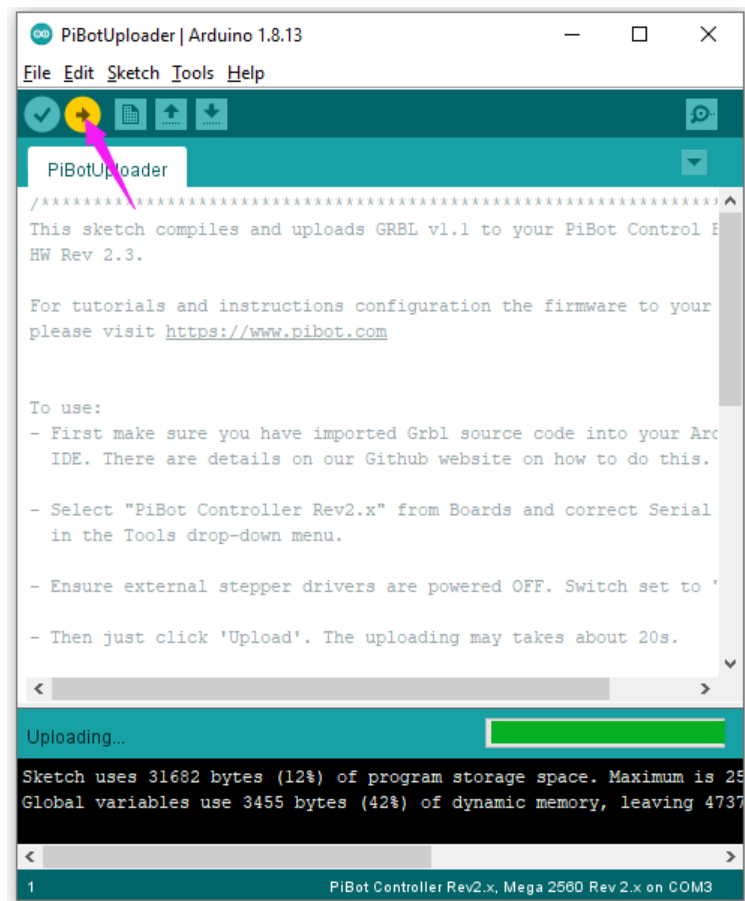


## Upload the GRBL 1.1 Firmware for PiBot Control Board HW Rev 2.3

4. from menu, select "Tools" -> "Board" -> "PiBot Controller Rev2.x". Then select the correct Port.



5. 6. Read the instructions then click Upload.



NOTE: Before Uploading, ensure external stepper drivers are powered OFF. Control board "Driver" switch set to "3D".