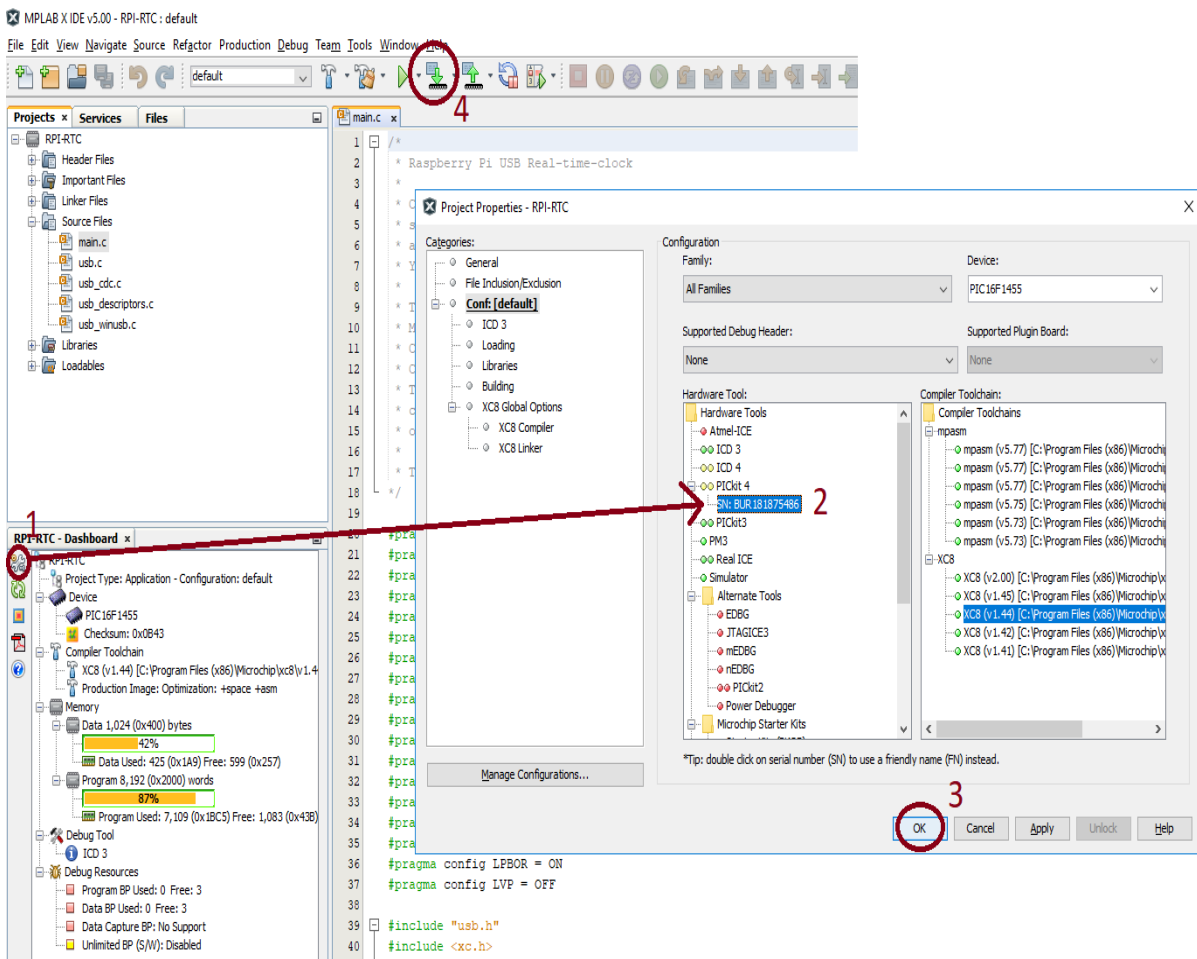


Steps to program the micro-controller:

1. To program a PIC microcontroller you need a PICKIT3 (or PICKIT4) programmer from microchip, you can get these from microchip or digikey for about \$70 or you can get a clone from aliexpress for about \$15
2. You then need to download and install the free MPLABX IDE from microchip.com here => <https://www.microchip.com/mplab/mplab-x-ide>
3. Then download the free 8-bit C compiler XC8 from microchip.com here => <https://www.microchip.com/mplab/compilers>
4. Connect the PICKIT3 to your PC USB port and the other end to the 5-PIN header on the RPI-RTC
5. download and unzip the files from EasyEDA and open the project in MPLABX IDE as below and say YES to upgrade your project
6. Select your PICKIT3 as the programmer in the configuration as below (1) and press OK (3)



7. Click on the program and upload button (4) to program the PIC
8. Some more information here => <http://rodyne.com/?p=880>