FOSS DOT USER GUIDE

XIAO SEED STUDIO ESP32C3 edition

This document will teach you how to use your FOSS Dot

Welcome to the Blue Printz Tactical Family!

You have just received your FOSS Dot and are ready to charge it up and maybe even add some of your own reticles!
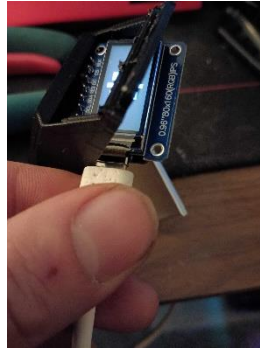
This guide is specific to the Seed Studio version of the logic board.

CHARGING YOUR FOSS DOT

- First remove the Carriage from the foss dot main body. This is done by removing the retention ring on the back and then pushing the carriage up and out.

- Next tilt the screen downward until you can see the usb port.

Insert USBC cable and see the red indicator

ADDING RETICLES: REPORGRAMMING

- The same first steps to remove the carriage and plug it in as to charge it.

  I used Arduino IDE so it should be easy enough for you as well.

  - If you do not have the Arduino IDE installed do so now -
    https://www.arduino.cc/en/software

First get the Program:
https://github.com/urBoyBlu88/BluPrntzTtcl
-download the XiaoSeedStudioFossDot ZIP
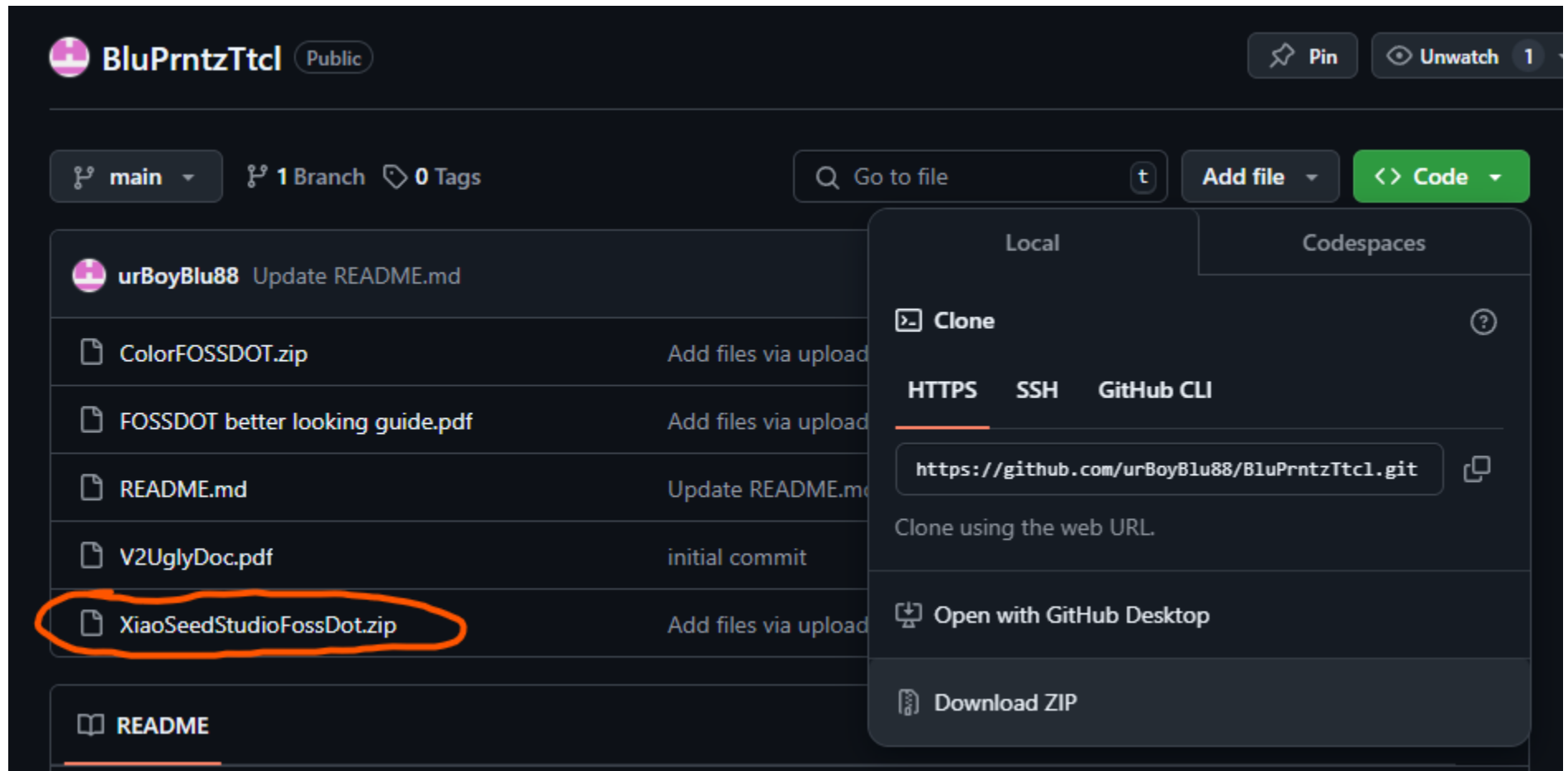
-Unzip the file in a location you want

-inside the file-
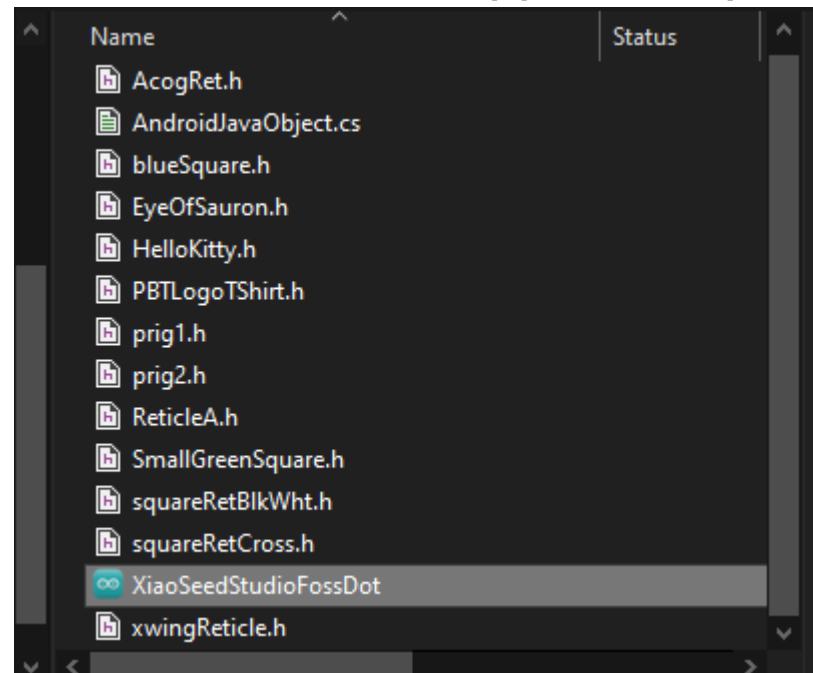-run the .ino file (should have the Arduino app icon if you have it downloaded)

| Name	Status
AcogRet.h	
AndroidJavaObject.cs	
blueSquare.h	
EyeOfSauron.h	
HelloKitty.h	
PBTLogoTShirt.h	
prig1.h	
prig2.h	
ReticleA.h	
SmallGreenSquare.h	
squareRetBlkWht.h	
squareRetCross.h	
XiaoSeedStudioFossDot	
xwingReticle.h	

When you open, it will ask you to save, say yes.

-Getting Setup Inside the Arduino IDE-
Download this board manager, updating to the latest version is probably best, mine may be old
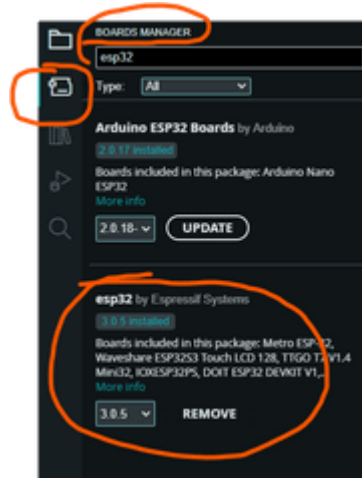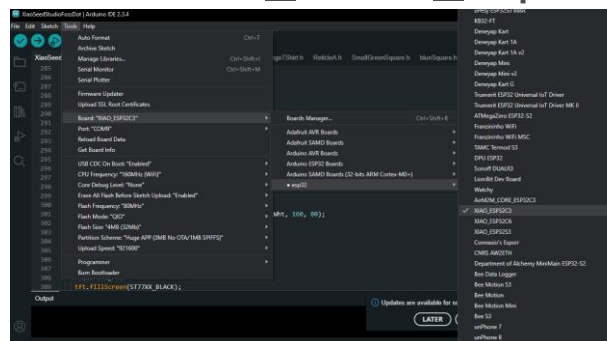

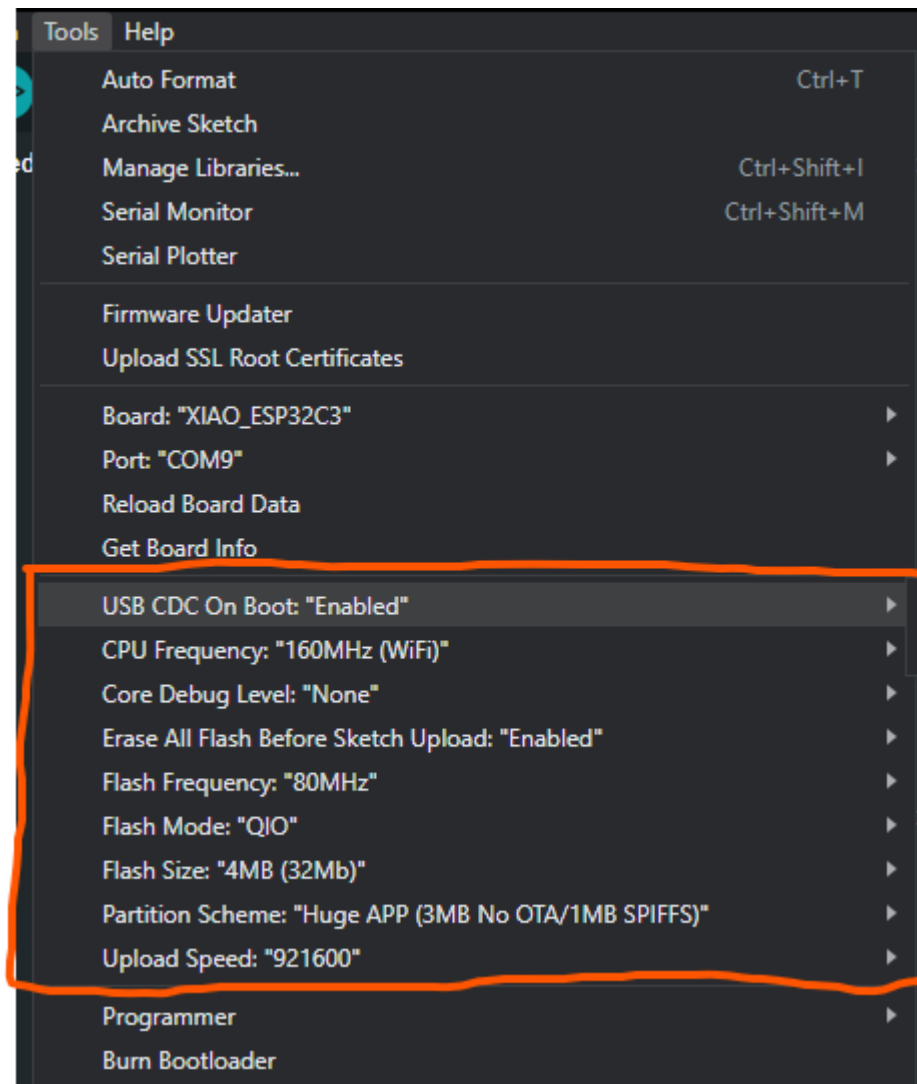## Add the adafruit st7735 and st7789 lib
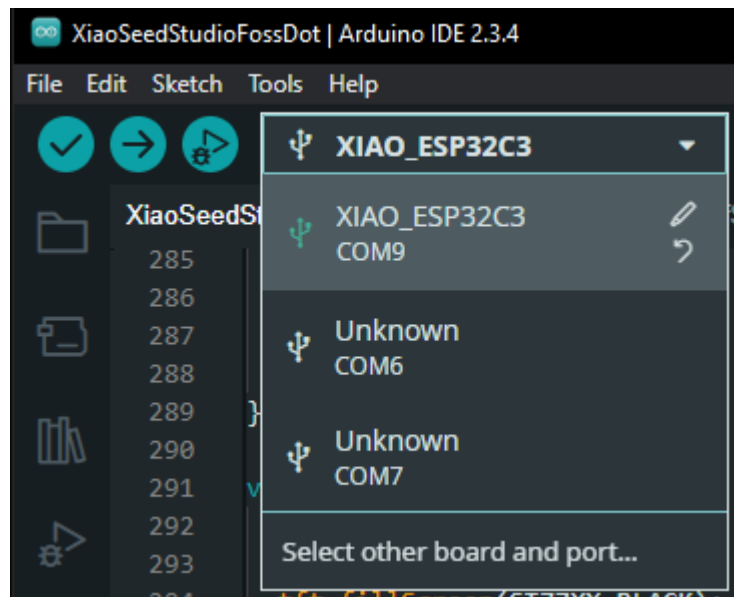
the correct board to select is XIAO_ESP32C3

– if it says esp32 family device:
• Go to tools on the top left
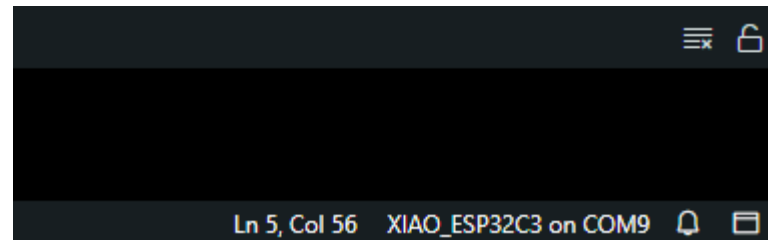• Board->ESP32_>Xiao_Esp32C3

-Make sure the tool settings are correct-

UPLOAD THE CODE

- Make sure your device is connected and visible on a com in the Arduino IDE.

Once you change the program your ready to press upload and test your work!