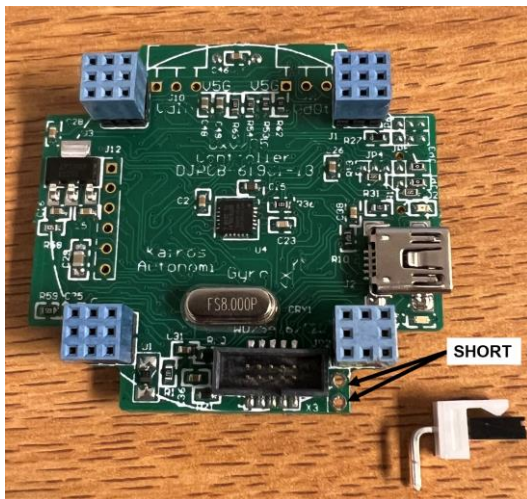


## Flight Controller Programming Through USB

### Materials Needed:

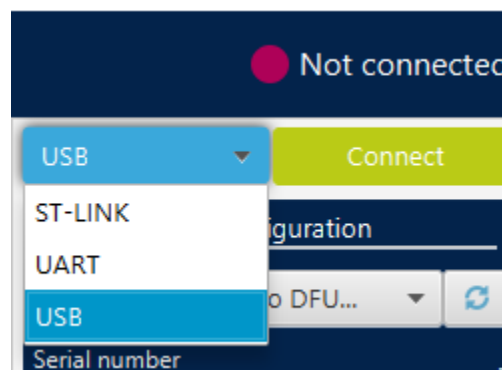
- Flight Controller
- Laptop with STM32 Cube Programmer
- USB A to USB Mini B cable
- Something to short the “Boot” socket (Jumper, Wire, Paperclip, Etc.)



Short a connection between the 2 sockets shown in the picture to the left and ensure a solid connection.

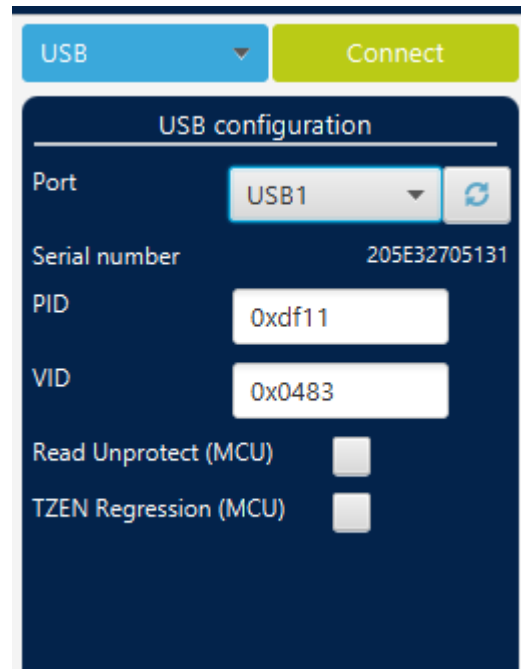
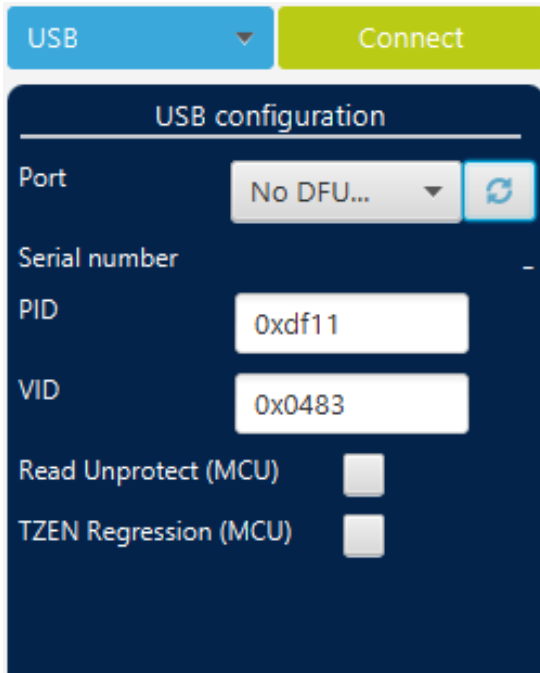
This connection must be shorted while the board is first receiving power either through the USB cable or through a UxV/35 Power Base Board

Open the STM32 Cube Programmer software and using the drop-down menu in the top right, ensure that the connection method is USB



## Flight Controller Programming Through USB

If the board was successfully shorted while booting up, then it will display as **USB 1** in the port dropdown menu and display a serial number



## Flight Controller Programming Through USB