DISCIPLINE

Flashing VIA compatible firmware:

Please note:

CFTKB keyboards shipped April 2020 or later with be pre-flashed with VIA compatible firmware.

Because of some current firmware limitations with ATmega32A and ATmega328P and their communication with VIA, volume control is disabled if using VIA with either microcontroller.

If you need volume control you may reflash using the QMK Configurator Flashing Guide to do so

Step 1

Install the latest version of VIA at caniusevia.com.

If you have a Discipline V2 PCB purchased from cftkb.com purchased April 2020 or later your board is already set up and ready to use VIA.

For Discipline PCBs purchased before April 2020 follow the additional steps below.

Step 2

Download **coseyfannitutti_discipline_via.hex** from the VIA firmware page.

Step 3

You are now ready to flash your firmware with QMK Toolbox.
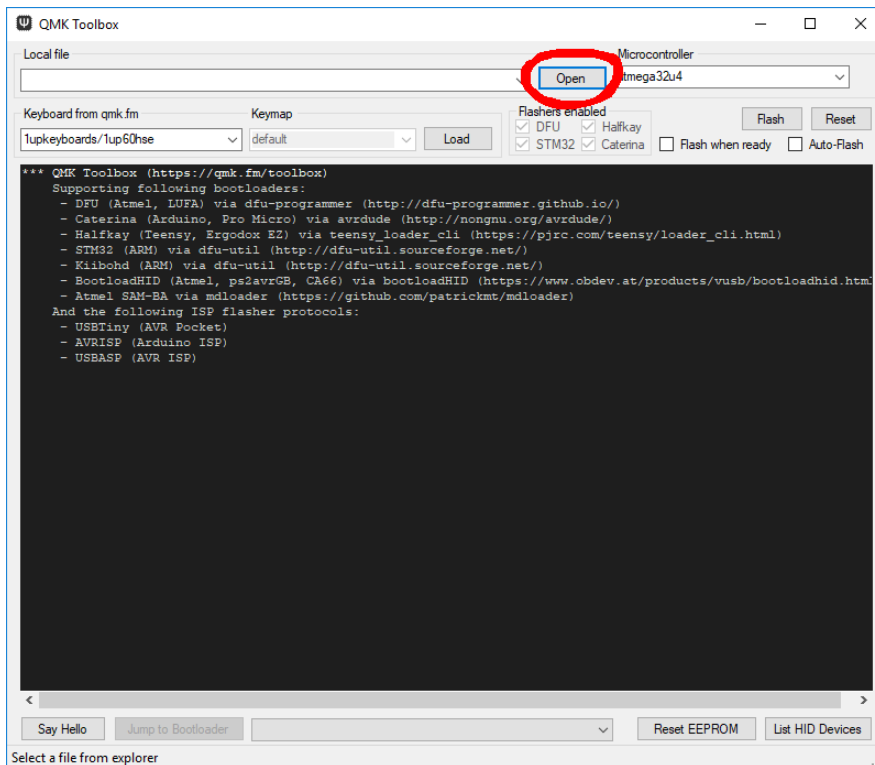**Please ensure you have the latest version of QMK Toolbox.**
If you have an older version of QMK Toolbox or if you are unsure of which version you have please uninstall and visit the link below for the latest release.

Click here to get the latest release.

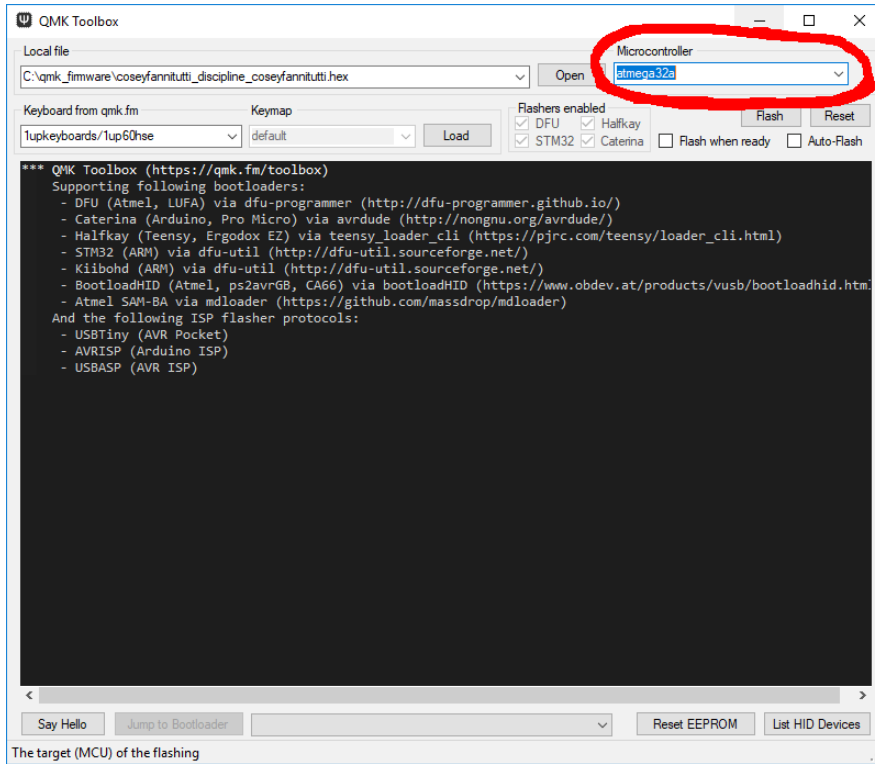|	
🗇 QMK.Toolbox.app.zip	512 KB
🗇 QMK.Toolbox.pkg	518 KB
🗇 qmk_toolbox.exe	10.5 MB
🗇 qmk_toolbox_install.exe	7.99 MB
📄 Source code (zip)	
📄 Source code (tar.gz)	

For Windows select
qmk_toolbox_install.exe
For Mac OS X select
QMK.Toolbox.pkg

Run QMK Toolbox

Click the open button, and navigate to the .hex file you saved from the VIA firmware page.

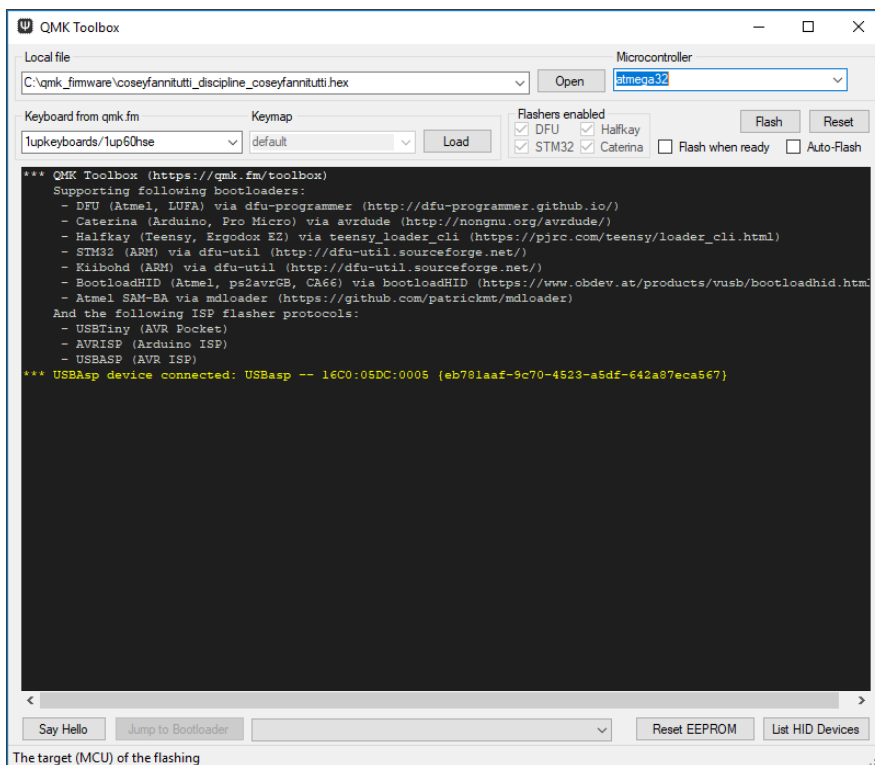# Step 5

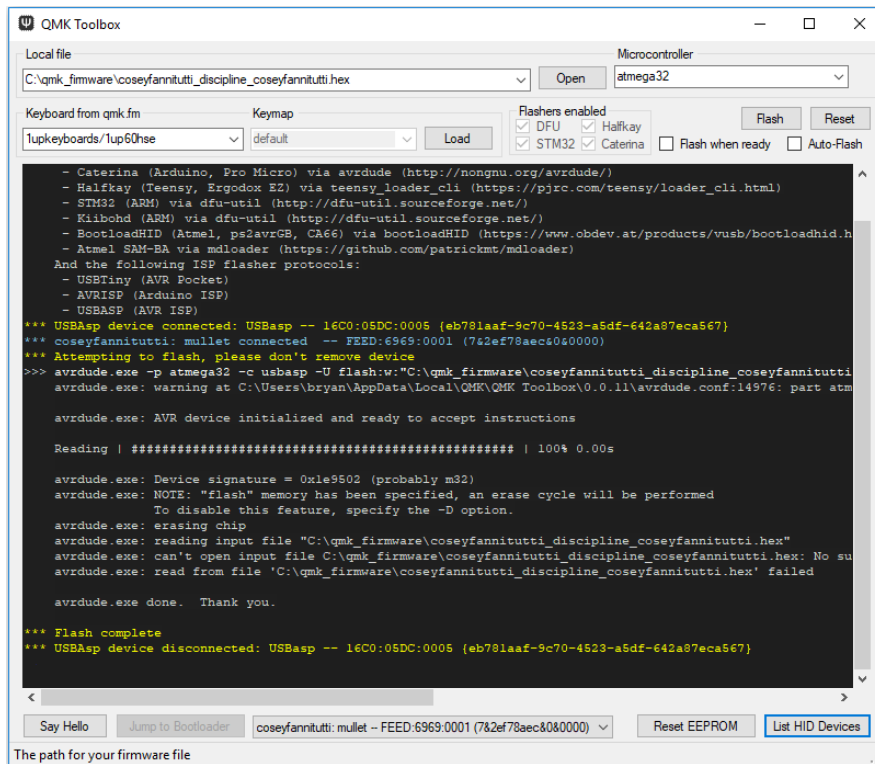Ensure microcontroller is set to atmega32a

Step 6

Put your keyboard into bootloader mode.
If you have a kit with pre-flashed firmware you can enter bootloader mode by pressing Fn+R.

Otherwise use the Reset and Boot switches in this order:
Press and hold BOOT
Press and release RESET
Release BOOT
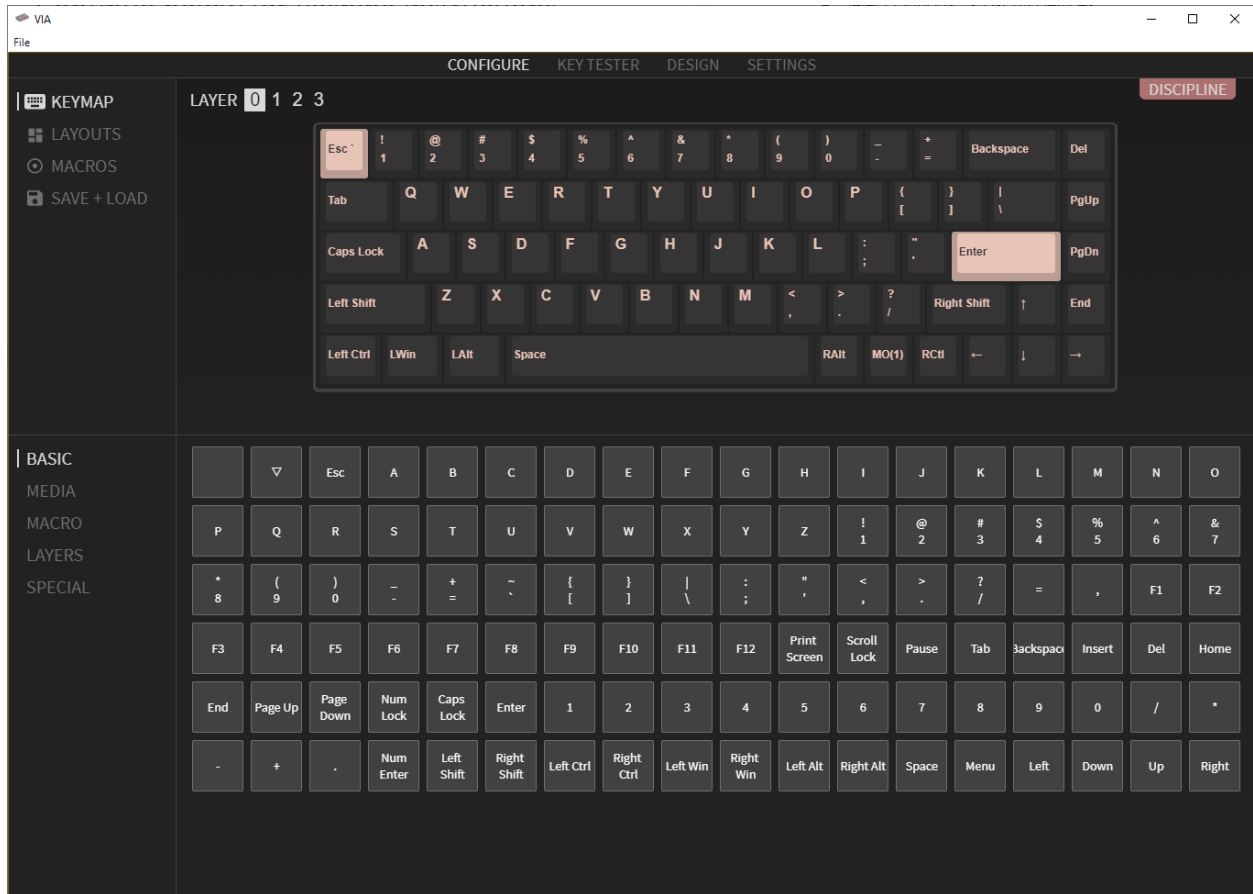The terminal should now say *** USBAsp device connected

Step 7

Click the Flash button.

Do not disconnect your keyboard or close the QMK Toolbox window during this step.

Once flashing is complete, press the RESET switch to exit bootloader mode.

Your Discipline is now ready to be configured with VIA

Alternate layouts can be accessed and configured by clicking the LAYOUTS tab.