

Quick Cheat Sheet – VIA

By Roland Huber, 2021

Important Notes:

The provided firmware versions are only tested with the Brand New Model F models F62 and F77 from Model F Keyboards. They will not work with any other models at this point.

The Util.app that was part of the initial QMK version is not working at this point in time.

Pre-Requisites:

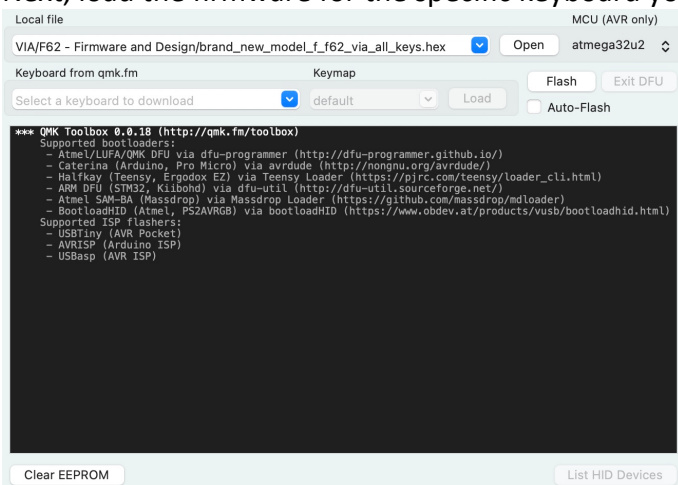
There are *two files* required to get the VIA application to work. One is ending with “hex” and contains the QMK firmware compiled to support VIA. The other is ending with “json” and contains the physical design of the keyboard. Both should be delivered with this document in a zip file. This zip file should contain sub-folders with the respective F62 or F77 folder. The VIA application itself can be downloaded from: <https://caniusevia.com>.

Step 1: Flash you keyboard with the VIA specific QMK firmware.

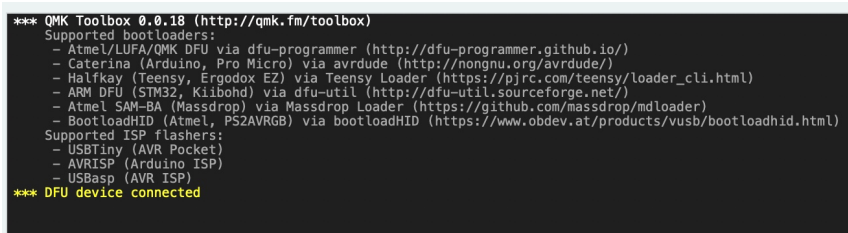
Start up the QMK Toolbox which you can download from:

https://github.com/qmk/qmk_toolbox/releases.

Next, load the firmware for the specific keyboard you have – in the I use the example of an F62:



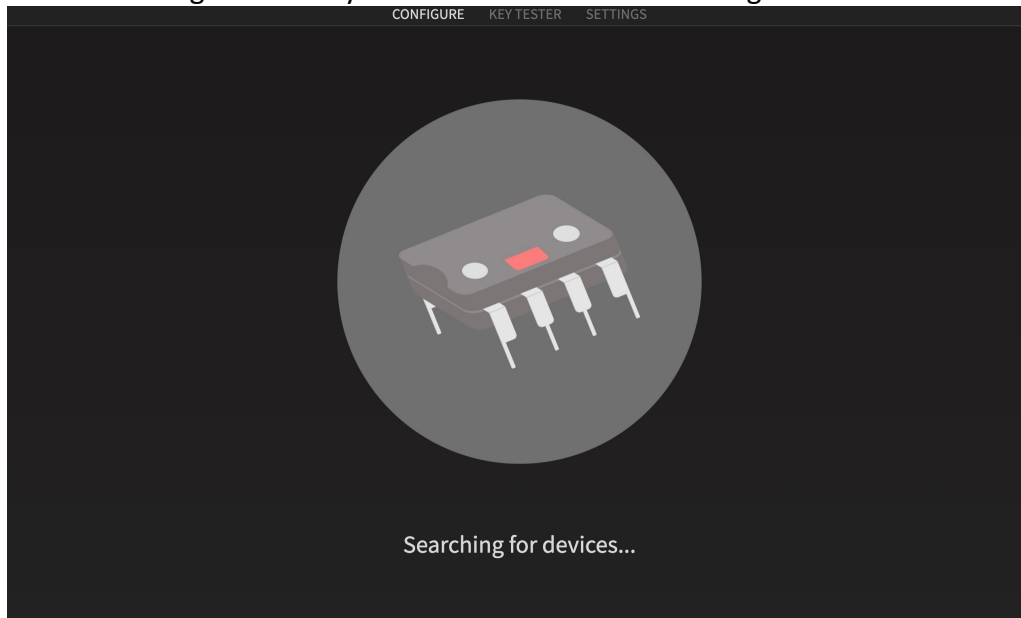
If you already have QMK pre-installed, you can just hit *Fn+Space+R* to bring the keyboard into DFU mode. Once you see the yellow line DFU device connected, you can click on the button Flash.



If all runs through, you have a VIA compatible QMK firmware now.

Step 2: Starting the VIA Application

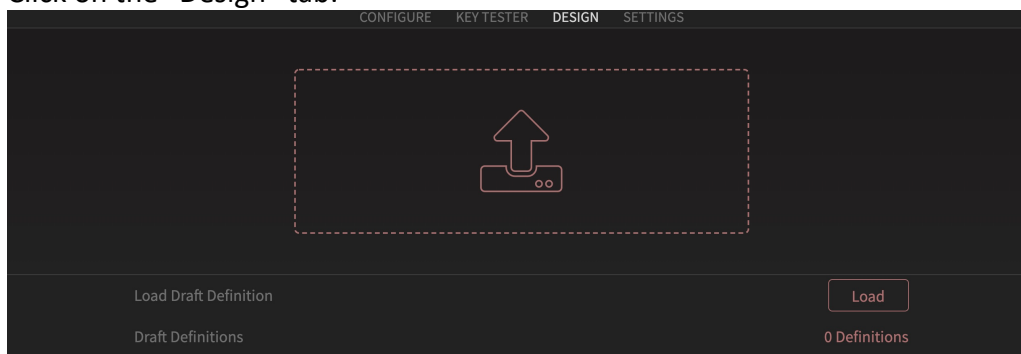
Once you have started the VIA application, you first need to tell it what physical device to look for. At this stage it will stay within the mode of “Searching for devices...”:



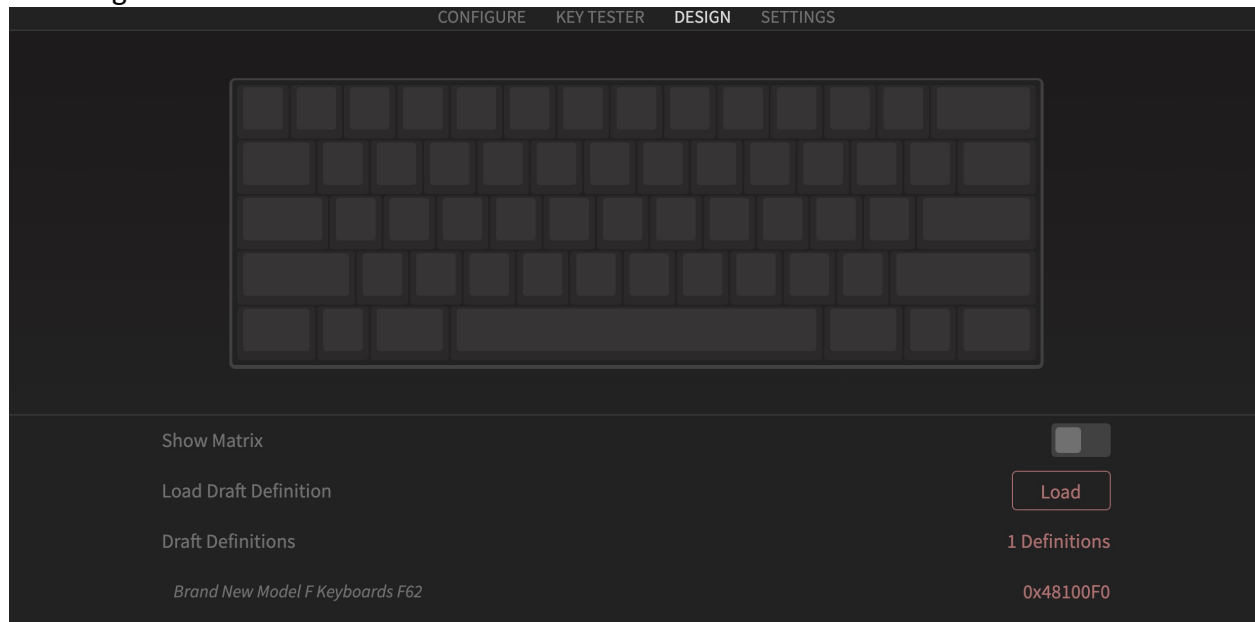
Click on the “Settings” Tab and enable “Show Design tab”:



Click on the “Design” tab:

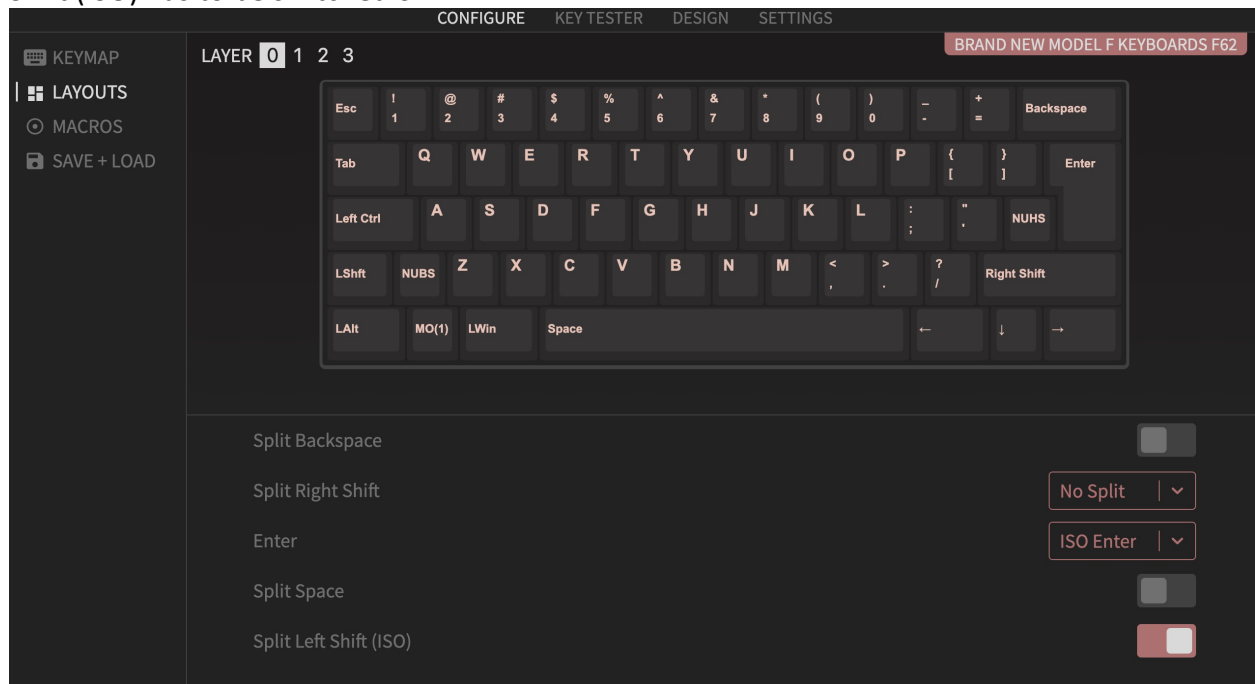


Drag and drop the json file now into the area with the red dotted line. This should instantly load the design:



Step 3: Adjusting to the proper physical layout.

Click on the “Configure” Tab and Layouts to the left. In this case I configured it for a standard ISO layout that needs two changes: The Enter needs to be set to ISO Enter and the Split Left Shift (ISO) has to be switched on:



Step 4: Adjust your Keymap

Stay in the same “Configure” Tab and click on “Keymap” to the left. Here you can change the layout by drag and drop of the keys in all layers.

You even can create your own Macros etc. All is stored right when you make the changes and doesn't require any load and store actions.

The next time you startup VIA, you only need to drag and drop the json layout file into the design tab and it will remember all other settings above.