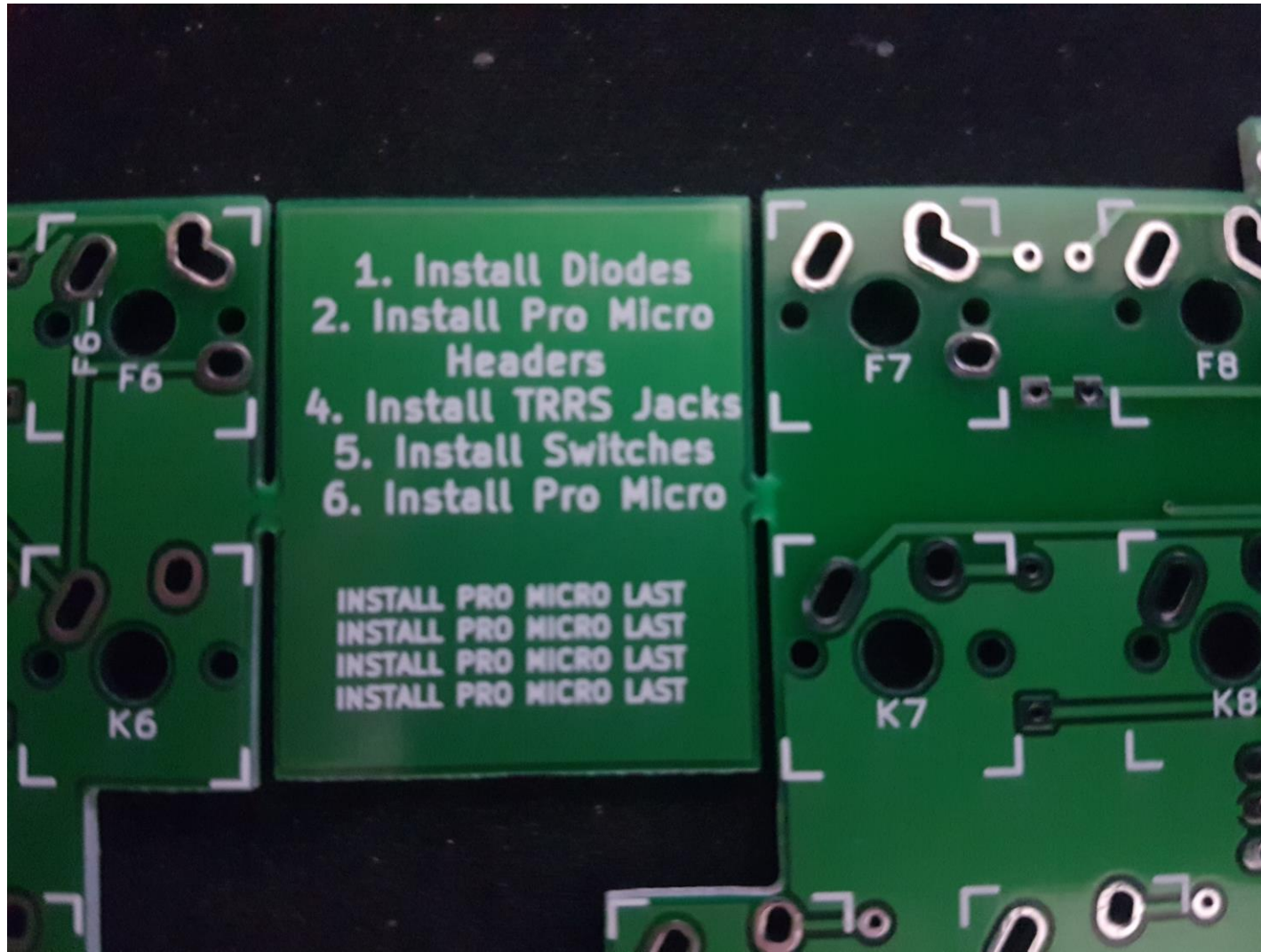Warning: I'm terrible at documentation, so if any section is unclear please do not hesitate to contact me either via email, reddit or discord, where I can better help you with your problem.
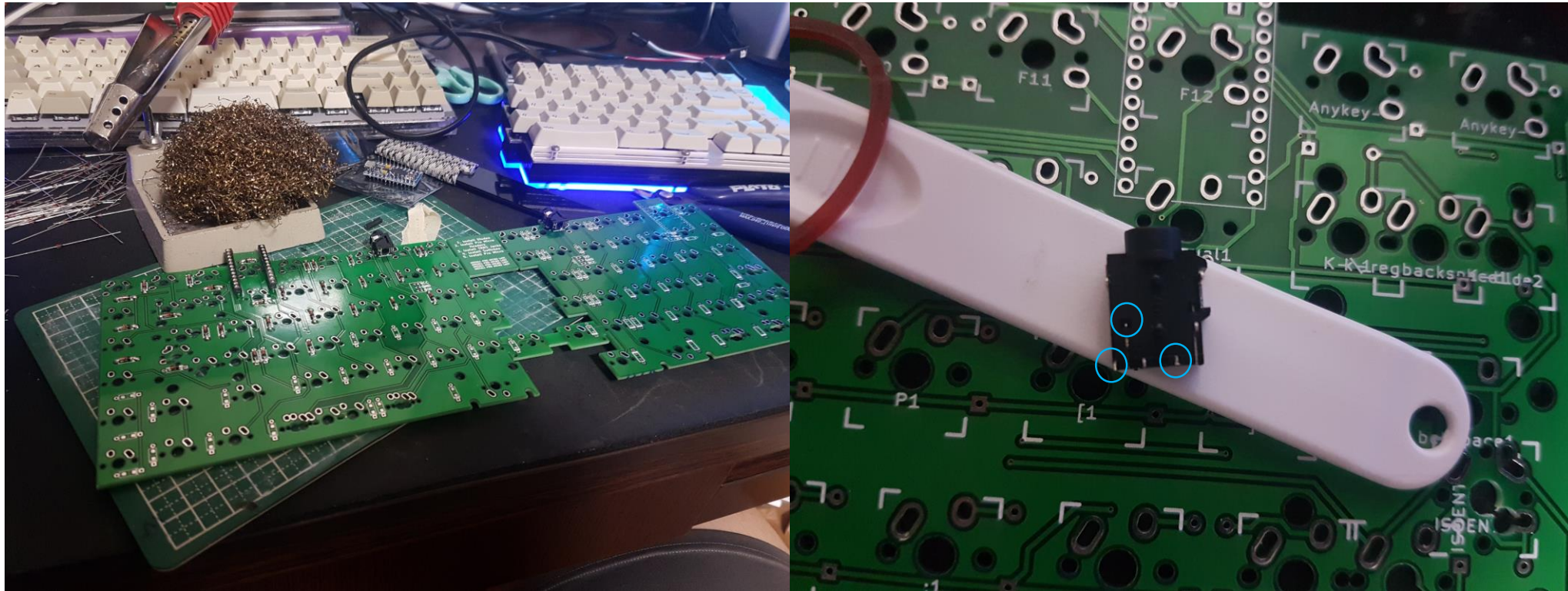
Follow instructions to see the order of assembly

1. Install Diodes
2. Install Pro Micro Headers
4. Install TRRS Jacks
5. Install Switches
6. Install Pro Micro

INSTALL PRO MICRO LAST
INSTALL PRO MICRO LAST
INSTALL PRO MICRO LAST
INSTALL PRO MICRO LAST

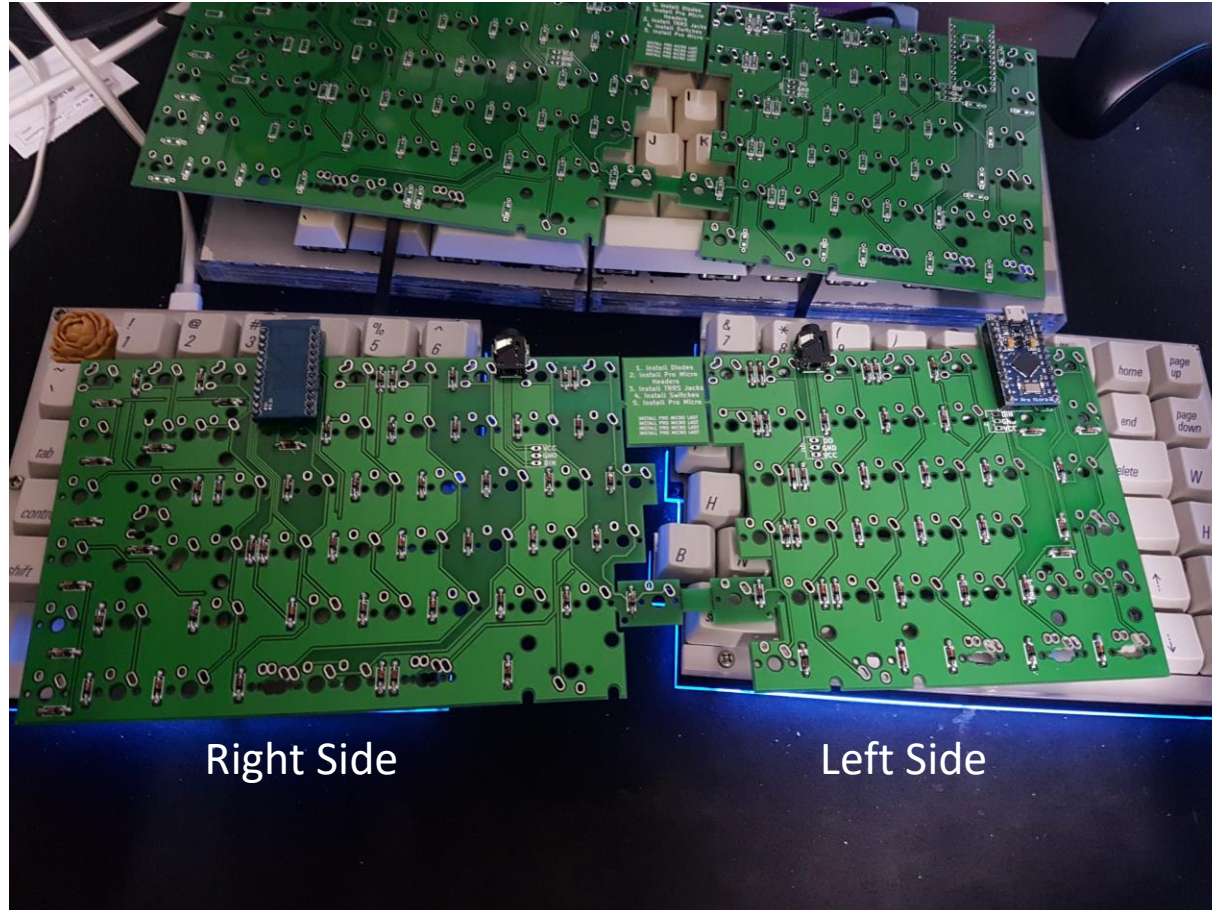Solder the diodes, black line pointing towards the square pad

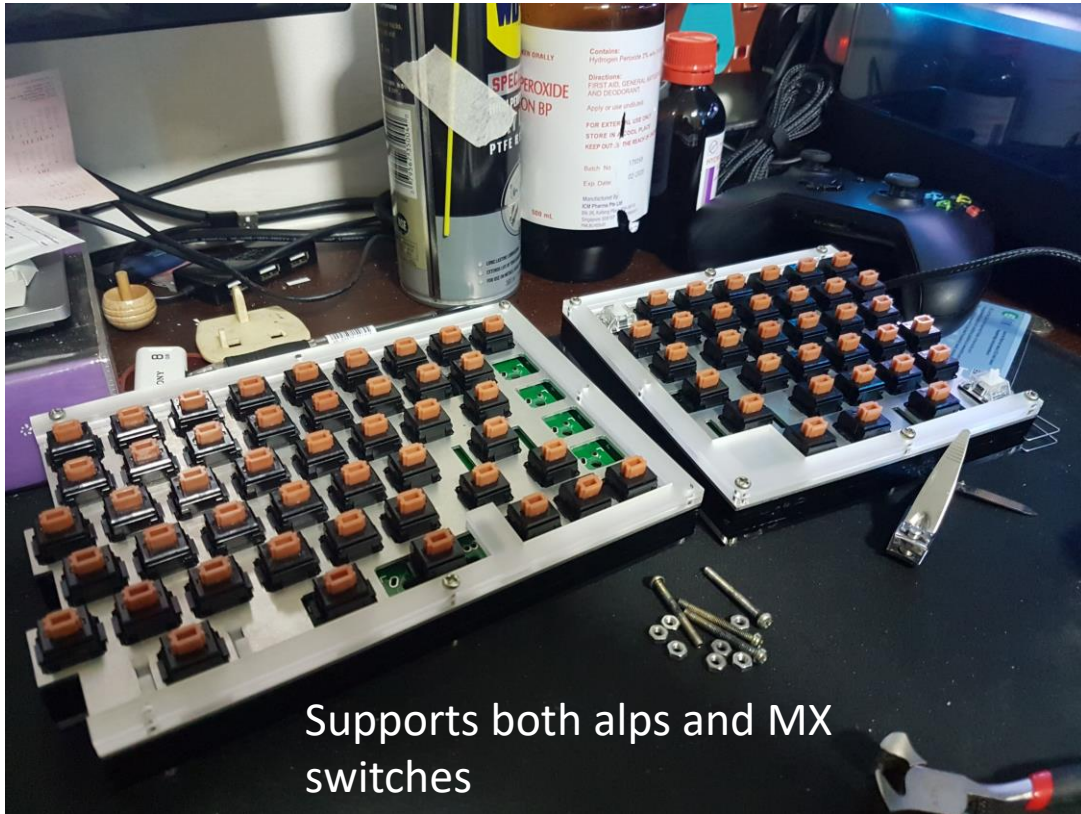# Solder Pro Micro headers/trrs jacks

You can opt to use IC sockets as well for the pro micro to enable easy swapping of the pro micro

Trim the 7-pin TRRS jacks accordingly before soldering

Solder pro micr in these positions

Right Side   Left Side

Solder switches

Supports both alps and MX switches

Flashing Guide

1) Set up a build environment for making and compiling the firmware
- Guide for this can be found here: https://docs.qmk.fm/build_environment_setup.html
- Notepad++ is nice to have if you need a good text editor

2) Download the DeltaSplit75 Firmware here: https://github.com/xyxjj/qmk_firmware/tree/master/keyboards/DeltaSplit75
- If you already have the qmk firmware you can just add the deltasplit75 folder to your existing firmware folder

3) Edit your keymap in DeltaSplit75/keymaps/Default
- If you have one of my prototype PCBs with a mislabeled silkscreen, edit it in ProtoSplit instead (see keymap editing for a guide to which keycode to edit)

4) Run the following commands depending on which PCB you have. The built hex files can be found in a .build folder in the main directory

```
make V2

or

make ProtoSplit-ProtoSplit (if you have one of the prototype PCBs)
```

5) Upload firmware using an uploader of your choice
- personally I use xloader, you can get it here: https://www.lewys.eu/dev/XLoader.zip
- Select the built hex file in xloader
- Put the pro micro in to the bootloader mode by bridging RST and GND twice
- adjust the COM port in xloader to the appropriate one (there should be a new COM port that shows up) and hit upload
- do the same step for both sides
- if everything is done right the keyboard should work
- ensure both halves are connected with a TRRS cable with 3 rings on the tip, other wise it will not work
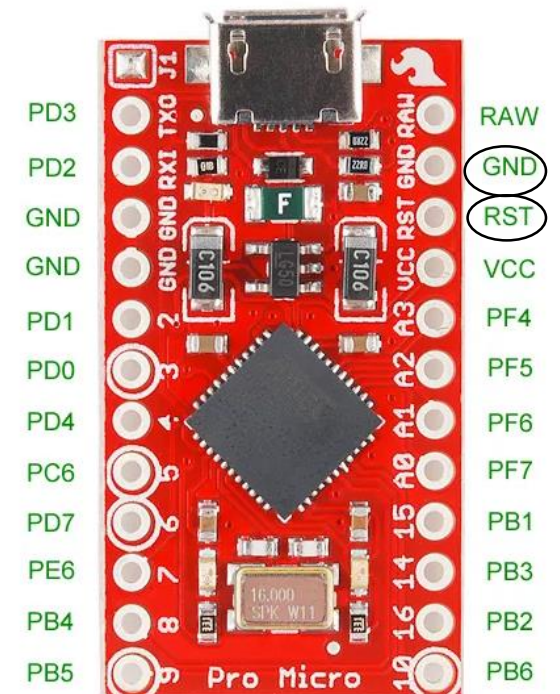
Keymap editing (for Default Keymap)

Edit this for
regular backspace

```
KEYMAP(
    KC_ESC, KC_F1, KC_F2, KC_F3, KC_F4, KC_F5, KC_F6, KC_F7, KC_F8, KC_F9, KC_F10, KC_F11, KC_F12, KC_INS, KC_HOME, KC_PGUP,
    KC_GRV, KC_1, KC_2, KC_3, KC_4, KC_5, KC_6, KC_7, KC_8, KC_9, KC_0, KC_MINS, KC_EQL, KC_DEL, KC_END, KC_PGDN,
    KC_TAB, KC_Q, KC_W, KC_E, KC_R, KC_T, KC_Y, KC_U, KC_I, KC_O, KC_P, KC_LBRC, KC_RBRC, KC_BSPC, KC_SLCK,
    KC_LCTL, KC_A, KC_S, KC_D, KC_F, KC_G, KC_H, KC_J, KC_K, KC_L, KC_SCLN, KC_QUOT, KC_TRNS, KC_ENT, KC_PAUS,  //modify KC_TRNS to enable ISO Support
    KC_LSFT, KC_TRNS, KC_Z, KC_X, KC_C, KC_V, KC_B, KC_B, KC_N, KC_M, KC_COMM, KC_DOT, KC_SLSH, KC_LSFT, KC_UP, KC_PSCR, //modify KC_TRNS to enable ISO Support
    KC_LCTL, KC_LGUI, KC_LALT, KC_SPC, MO(1), KC_SPC, KC_RALT, KC_RGUI, KC_RCTL, KC_LEFT, KC_DOWN, KC_RGHT),
```

Edit these for ISO
layout

Edit these for left B/Right B/both

Keymap editing (for ProtoSplit Keymap)

Edit this for
regular backspace

```
KEYMAP(
    KC_ESC, KC_F1, KC_F2, KC_F3, KC_F4, KC_F5, KC_F6, KC_F7, KC_F8, KC_F9, KC_F10, KC_F11, KC_F12, KC_INS, KC_HOME, KC_PGUP,
    KC_GRV, KC_1, KC_2, KC_3, KC_4, KC_5, KC_6, KC_7, KC_8, KC_9, KC_0, KC_MINS, KC_EQL, KC_DEL, KC_END, KC_PGDN,
    KC_TAB, KC_Q, KC_W, KC_E, KC_R, KC_T, KC_Y, KC_U, KC_I, KC_O, KC_P, KC_LBRC, KC_RBRC, KC_BSPC, KC_SLCK,
    KC_LCTL, KC_A, KC_S, KC_D, KC_F, KC_G, KC_H, KC_J, KC_K, KC_L, KC_SCLN, KC_QUOT, KC_ENT, KC_PAUS,
    KC_LSFT, KC_Z, KC_X, KC_C, KC_V, KC_B, KC_B, KC_N, KC_M, KC_COMM, KC_DOT, KC_SLSH, KC_LSFT, KC_UP, KC_PSCR,
    KC_LCTL, KC_LGUI, KC_LALT, KC_SPC, MO(1), KC_SPC, KC_RALT, KC_RGUI, KC_RCTL, KC_LEFT, KC_DOWN, KC_RGHT),
```

Edit these for left B/Right B/both