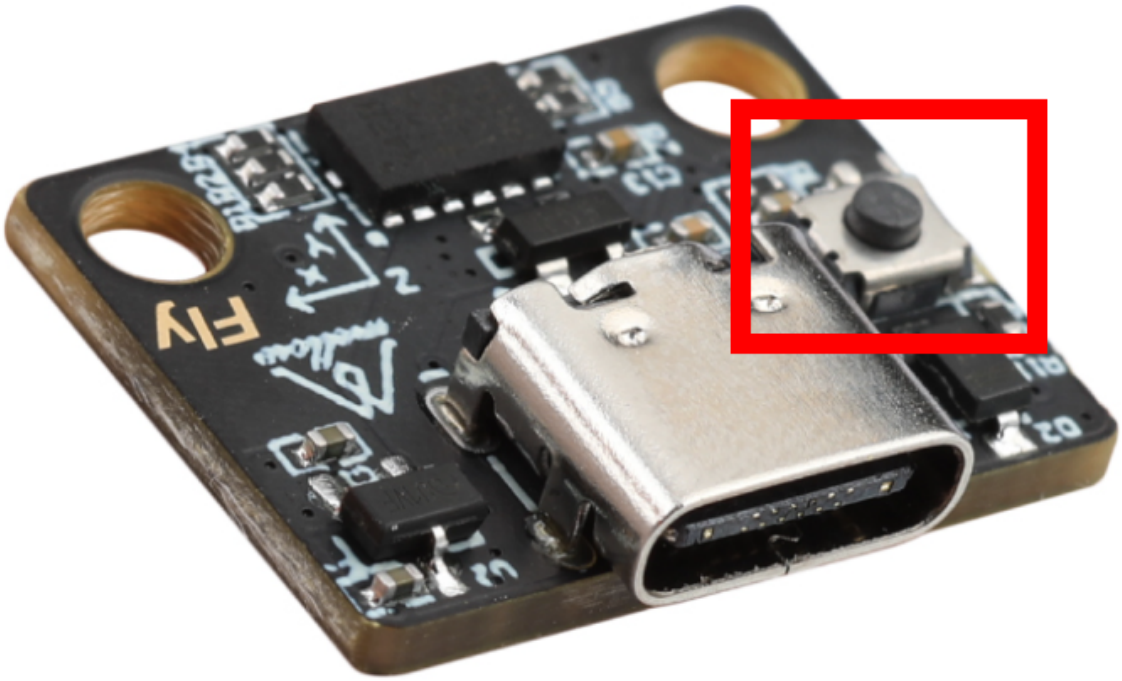
Fly-ADXL345-USB

Klipper flashen

- `cd ~/klipper`
- `make menuconfig`

```
[*] Enable extra low-level configuration options
    Micro-controller Architecture (Raspberry Pi RP2040)  --->
    Bootloader offset (No bootloader)  --->
    Flash chip (W25Q080 with CLKDIV 2)  --->
    Communication interface (USB)  --->
    USB ids  --->
()  GPIO pins to set at micro-controller startup
```

  - Mit Q und dann Y beenden
- `make clean && make -j4`



- Die Taste **gedrückt halten (!)** und den USB-C Stecker anschließen.
- `dmesg` im Terminal eingeben

```
[126509.556147] usb 1-1.4: new full-speed USB device number 13 using
dwc_otg
[126509.688730] usb 1-1.4: New USB device found, idVendor=2e8a,
idProduct=0003, bcdDevice= 1.00
[126509.688767] usb 1-1.4: New USB device strings: Mfr=1, Product=2,
SerialNumber=3
[126509.688783] usb 1-1.4: Product: RP2 Boot
[126509.688795] usb 1-1.4: Manufacturer: Raspberry Pi
[126509.688807] usb 1-1.4: SerialNumber: E0C9125B0D9B
```

```
[126509.689785] usb-storage 1-1.4:1.0: USB Mass Storage device detected
[126509.690375] scsi host0: usb-storage 1-1.4:1.0
[126510.727183] scsi 0:0:0:0: Direct-Access     RPI      RP2
3    PQ: 0 ANSI: 2
[126510.727877] sd 0:0:0:0: Attached scsi generic sg0 type 0
[126510.728901] sd 0:0:0:0: [sda] 262144 512-byte logical blocks: (134
MB/128 MiB)
[126510.729746] sd 0:0:0:0: [sda] Write Protect is off
[126510.729766] sd 0:0:0:0: [sda] Mode Sense: 03 00 00 00
[126510.730619] sd 0:0:0:0: [sda] No Caching mode page found
[126510.730636] sd 0:0:0:0: [sda] Assuming drive cache: write through
[126510.744971]  sda: sda1
[126510.746027] sd 0:0:0:0: [sda] Attached SCSI removable disk
```

Es muss sowas am Ende stehen ... **Product: RP2 Boot**, **Manufacturer: Raspberry Pi**

- `make flash FLASH_DEVICE=2e8a:0003`
- Eigentlich muss sich das Ding dann schon mit Klipper melden ...
  `ls -lR /dev/ | grep -v '\->\s../tty' | grep -e 'tty[[:alpha:]]' -e serial`

```
/dev/serial:
/dev/serial/by-id:
lrwxrwxrwx 1 root root 13 Jan 22 20:26 usb-
Klipper_rp2040_E66138935F3C6B28-if00 -> ../../ttyACM0
/dev/serial/by-path:
lrwxrwxrwx 1 root root 13 Jan 22 20:26 platform-3f980000.usb-
usb-0:1.4:1.0 -> ../../ttyACM0
```

  - Wenn nicht einfach mal USB raus und wieder rein und fertig 😉

Links

- https://mellow-3d.github.io/fly_adxl345_usb_general.html

From:
https://drklipper.de/ - **Dr. Klipper Wiki**

Permanent link:
https://drklipper.de/doku.php?id=klipper_faq:flash_guide:rp2040:fly-adxl345-usb

Last update: **2024/01/22 21:18**