





















## Breaking changes:

- \* !! new I2C address of EEPROM: 0b1010001 (prev: 0b1010000)
- \* 3 LEDs are replaced by a Neopixel connector (pin D5)

# Additions:

- \* Button 2 is connected to A1 too with JP1 3V3 can be provided to plug.
- \* D3 can be used to detect if there are 3V3 on button 2
- \* Instead of MPX pressure sensor, a breakout for Honeywell MPR series (I2C) can be connected to J7

## Minor changes:

- \* Program button is NC
- \* 4 IŘ LEDs
- \* AUX header is moved 4mm to the sensors

## Orders in addition to BOM

- FLipMouse

  \* Silicon tube, 2x4mm, ~5cm length

  \* LuerLock with M5 screw

  \* Sensor board PCB (see second KICAD project & BOM)

  \* TBA: screws according to case

  \* Mouthpleces

FLipPad
\* Glide adapter PCB (see addons folder for KiCAD project & BOM)

- Both:

  \* Neopixel Strip (one LED needed)

  \* 3D printed case (depending on type)

  \* HotShoe Adapter

  \* USB cable with magnetic plug

  \* Packaging

These parts should be placed in the .xls BOM file.

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| ile: FM3_mainboard.kicad_ |                  |           |
| itle: FLipMouse (FL       | ipPad) Mainboard |           |
| ize: A3 Date: 20          | 022-04-07        | Rev: v3.1 |
| iCad F.D.A. kicad 6.0.6+  | dfsa-1           | ld: 1./1  |