Whammy NEO

https://github.com/melatroid/Whammy-4/

Layer 1/2

Time

Momantary
Change Preset 1 / 2

Layer 1 - Guitar Playground

-Play with Momentary
-Set Time
-Change Preset 1 / 2

Layer 2 – Effect Box

- Normal Effect with Presets
- Momentary Mode with Presets
- Holding Mode with Presets and Time
- Shutter Mode with Time
- Harmony Shift with Time

- Whammy Legacy Mode, No Presets Full Effects

How to Flash and Test
-Raspberry Pi 2040 Zero

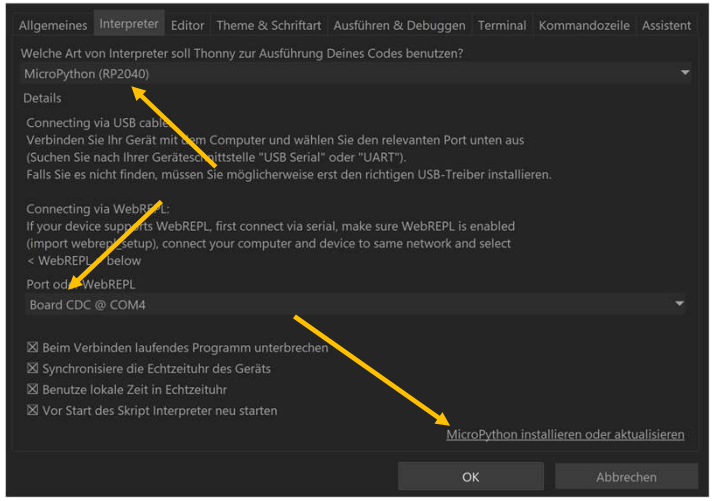
1.) Install Thonny → https://thonny.org/

2.) Download Code →

3.)

4.) Start Thonny, open Python File

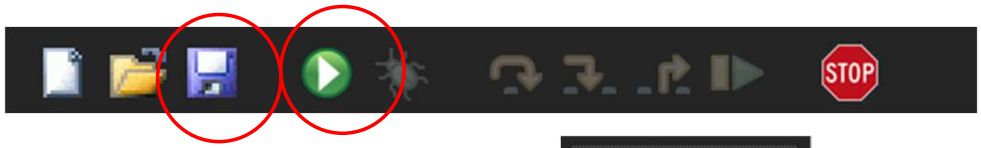
5.) Tools → Options → Interpreter

6.) → 

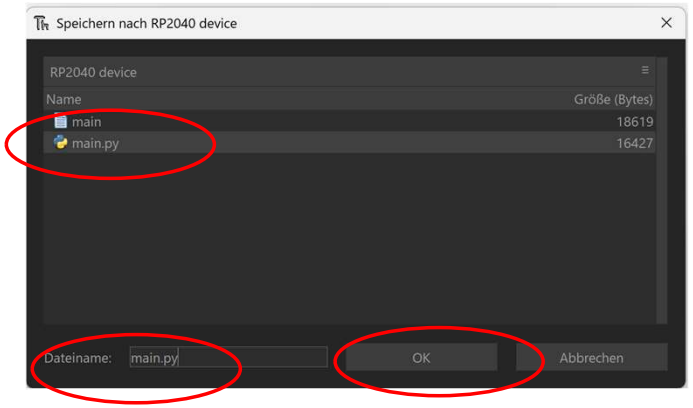
7.) Connect RP 2040 with PC

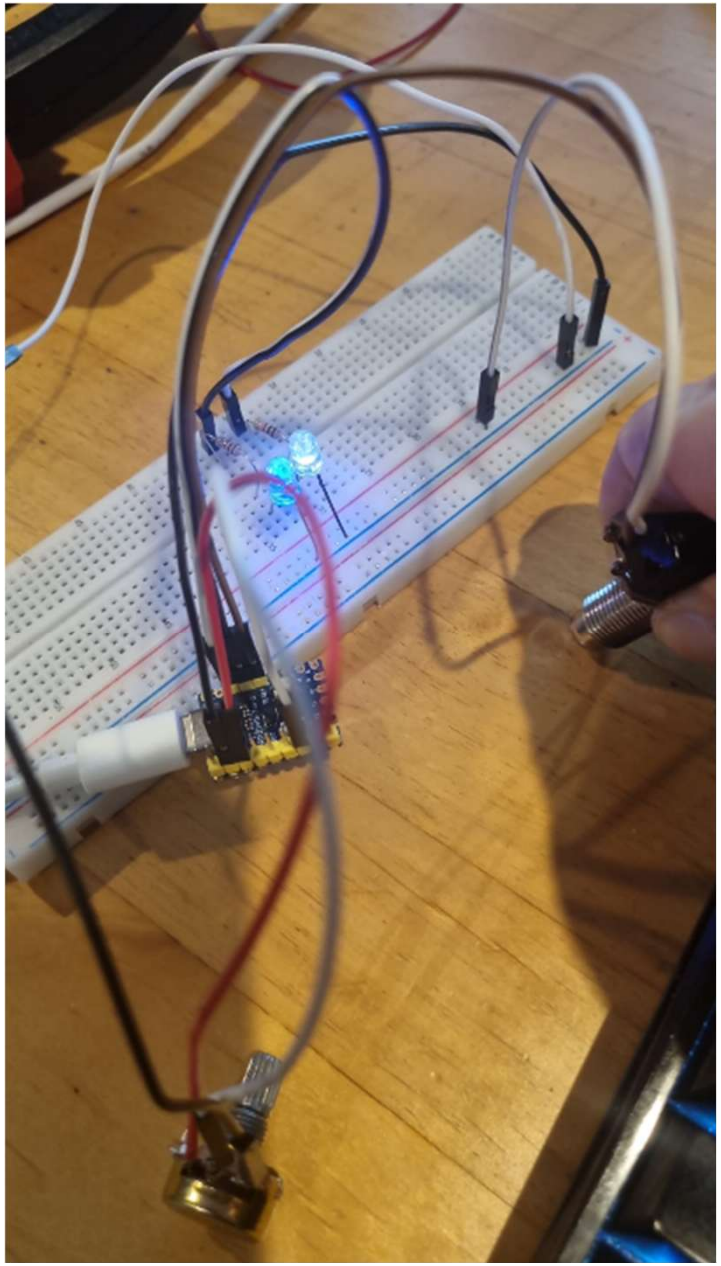
8.) Restart Thonny

9.) Test your Functions here

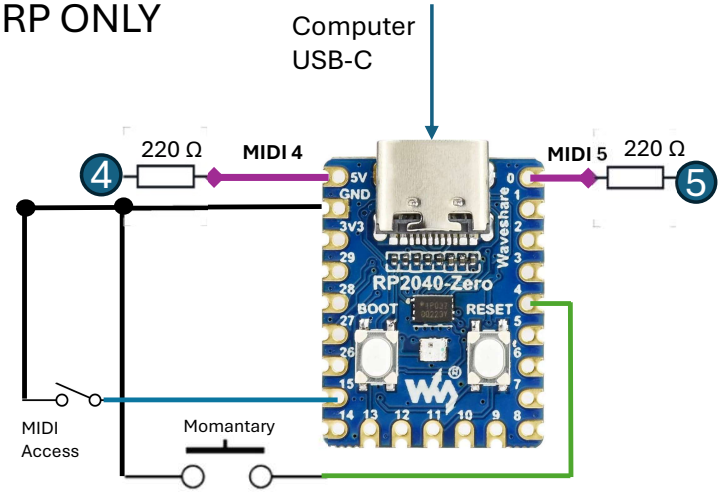


10.) Save as

11.) Flash → 



TEST RP ONLY


Computer
USB-C
220 Ω
MIDI 4
MIDI 5
220 Ω
4
5
5V
GND
3V3
29
28
27
26
15
14
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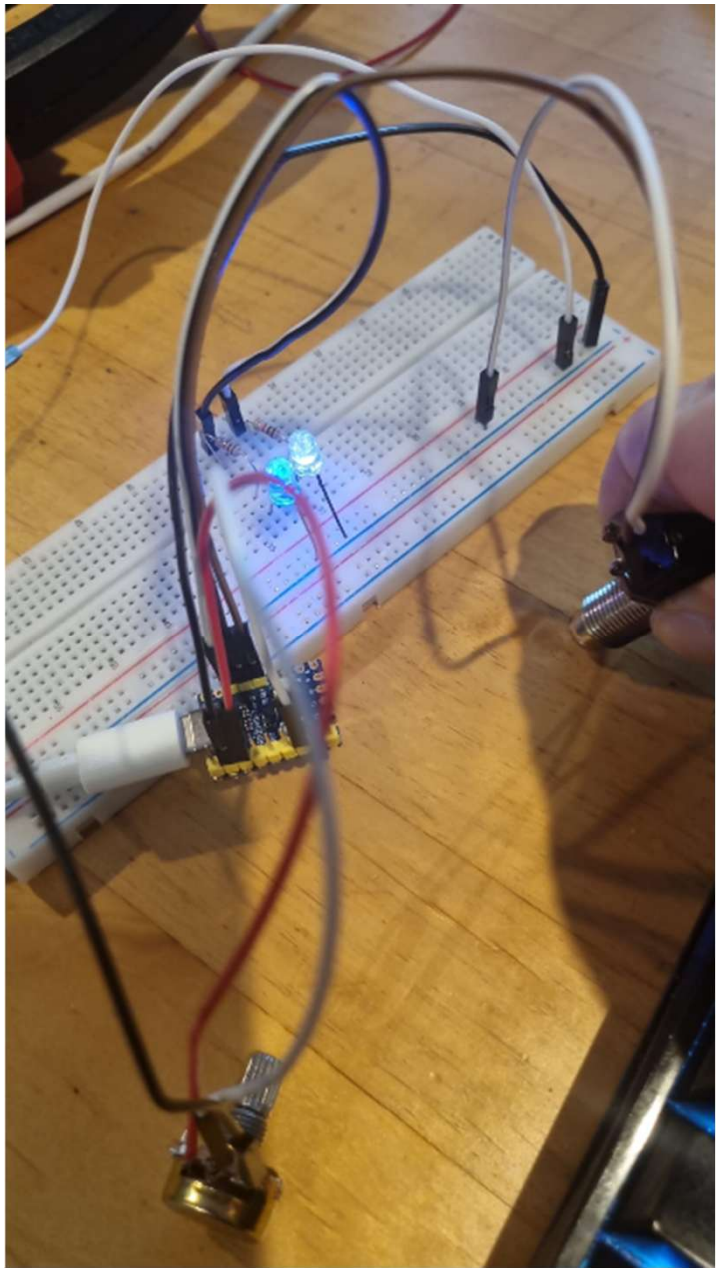
10
9
8
0
1
2
3
4
5
6
7
Waveshare
RP2040-Zero
BOOT
RESET
MIDI
Access
Momantary

```
from machine import Pin, ADC
import time

# ============================================================
# DEBUG
# ============================================================
DEBUG = False  # <-- For Tests, set True
DEBUG_A_EVENTS = False # <-- For Tests, set True
DEBUG_A_SCOPE = True # <-- For Tests, set True
SCOPE_EVERY_MS = 5
SCOPE_WIDTH = 80

# ============================================================
# DEVELOPMENT BYPASS
# ============================================================
DEV_BYPASS_MOMENTARY = False # <-- For Tests, set True

# ============================================================
# PC SOUND (Serial Frequency Output)
# ============================================================
FREQ_SEND_EVERY_MS = 50

# ============================================================
# BYPASS / GATE LOGIC
# ============================================================
BYPASS_B_INVERT = True
BBM_DELAY_US = 20

def dbg(msg):
```

Kommandozeile ×

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[SCOPE STOP]


[SCOPE START]
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