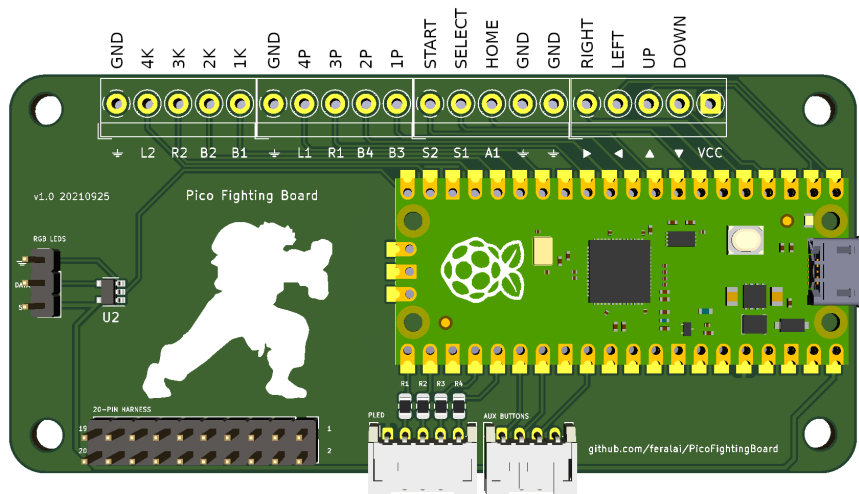


Pico Fighting Board Quick Reference

You're the proud owner of a Pico Fighting Board! But how does your PFB work?



Arcade/Brook	PFB	XInput	Switch	PS3	DInput
1P	B3	X	Y	SQUARE	1
2P	B4	Y	X	TRIANGLE	4
3P	R1	RB	R	R1	6
4P	L1	LB	L	L1	5
1K	B1	A	B	CROSS	2
2K	B2	B	A	CIRCLE	3
3K	R2	RT	ZR	R2	8
4K	L2	LT	ZL	L2	7
SELECT	S1	BACK	MINUS	SELECT	9
START	S2	START	PLUS	START	10
LS	L3	LS	LS	L3	11
RS	R3	RS	RS	R3	12
HOME	A1	XBOX	HOME		13
TP	A2		CAPTURE		14

Firmware

The Pico Fighting Board comes preinstalled with the latest GP2040 firmware. To update your firmware:

1. Download the latest version of GP2040 for the Pico Fighting Board from <https://github.com/FeralAI/GP2040/releases>.
2. Unplug your Pico Fighting Board from the computer.
3. Press and hold the white BOOTSEL button while plugging into the computer.
4. Copy the UF2 file to the RPI-RP2 drive that appeared when connecting the PFB.
5. Once finished the Pico Fighting Board will restart and be detected as a controller.

Input Modes

To select input mode, hold one of the following buttons when plugging in your controller:

- **1P** - PS3/DInput
- **1K** - Nintendo Switch
- **2K** - PC/XInput

D-Pad Modes

To select the active d-pad mode, while the controller is plugged in press:

- **SELECT + START + DOWN** - Normal D-pad operation
- **SELECT + START + LEFT** - Left analog stick emulation
- **SELECT + START + RIGHT** - Right analog stick emulation

SOCD Modes

To select the active SOCD mode, while the controller is plugged in press:

- **HOME + START + DOWN** - Neutral (U+D=N, L+R=N)
- **HOME + START + UP** - Up Priority (U+D=U, L+R=N)
- **HOME + START + LEFT** - Last Input Priority

RGB LEDs

The Pico Fighting Board supports WS2812 and similar RGB LEDs. To change LED settings, press:

- **SELECT + START + 1P** - Next Animation
- **SELECT + START + 1K** - Previous Animation
- **SELECT + START + 2P** - Brightness Up
- **SELECT + START + 2K** - Brightness Down
- **SELECT + START + 3P** - LED Parameter Up
- **SELECT + START + 3K** - LED Parameter Down
- **SELECT + START + 4P** - Pressed Parameter Up
- **SELECT + START + 4K** - Pressed Parameter Down

Advanced Configuration

The GP2040 firmware has a built-in configuration app which runs from a local webserver on the Pico. To access the configuration app from a computer:

1. Hold START while plugging the controller into a computer.
2. Open a browser and navigate to <http://192.168.7.1>

You now have access to adjust controller settings, configure RGB LEDs, reset settings, etc..

Links

Pico Fighting Board - <https://github.com/FeralAI/PicoFightingBoard>

GP2040 Firmware - <https://github.com/FeralAI/GP2040>

GP2040 Usage Guide - <https://feralai.github.io/GP2040/#/usage>