GP2040-CE

SHORTCUTS

Web-config:
Hold **[S2]** while plugging in the controller and then go to **192.168.7.1** on your computer browser.

Input Modes:
Hold **[P1]** while plugging in for PS3/DINPUT
Hold **[P2]** while plugging in for PS4
Hold **[K1]** while plugging in for Nintendo Switch
Hold **[K2]** while plugging in for XINPUT
Hold **[K3]** while plugging in for HID-Keyboard

D-Pad Modes:
[S1] + **[S2]** + **[DOWN]** = D-Pad
[S1] + **[S2]** + **[LEFT]** = Emulate left analog stick
[S1] + **[S2]** + **[RIGHT]** = Emulate right analog stick

SOCD Modes:
[S2] + **[A1]** + **[UP]** = Up Priority mode
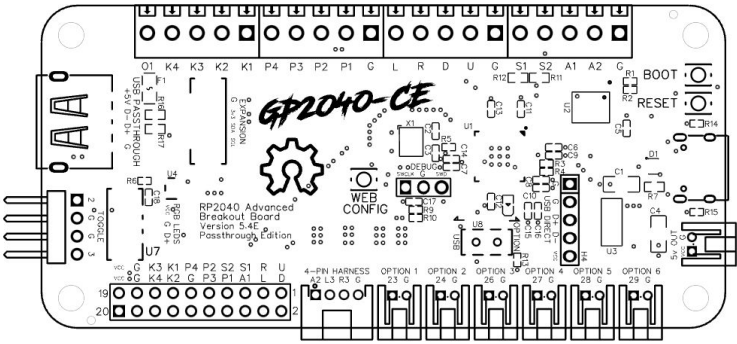**[S2]** + **[A1]** + **[LEFT]** = Last Input Priority (Last Win)
[S2] + **[A1]** + **[DOWN]** = Neutral mode

Find more at **gp2040-ce.info/#/gp2040-shortcuts**

Main Button Inputs

GP2040	XInput	Switch	PS3/4/5	DInput	Arcade	Keyboard
B1	A	B	Cross	2	K1	Left Shift
B2	B	A	Circle	3	K2	Z
B3	X	Y	Square	1	P1	Left Control
B4	Y	X	Triangle	4	P2	Left Alt
L1	LB	L	L1	5	P4	C
R1	RB	R	R1	6	P3	Spacebar
L2	LT	ZL	L2	7	K4	V
R2	RT	ZR	R2	8	K3	X
S1	Back	Minus	Select	9	Coin	5
S2	Start	Plus	Start	10	Start	1
L3	LS	LS	L3	11	LS	Equal
R3	RS	RS	R3	12	RS	Minus
A1	Guide	Home	Home	13	-	9
A2	-	Capture	-	14	-	F2

GPIO Pinout

SMD SWITCH

USB   OPTION

GPIO3 -
GPIO2 -
GPIO24 -
GPIO23 -

GPIO4 -
TOGGLE

GPIO01 -
GPIO00 -

+5 +5
G   G
05 06
07 08
G   09
10 11
12 13
14 15
16 17
18 19

20 19

USB PASSTHROUGH
+5V D- D+ G

RP2040 Advanced
Breakout Board
Version 5.4E
Passthrough Edition

GP2040-CE

EXPANSION
G SDA SCL

WEB
CONFIG

4-PIN HARNESS

OPTION 1

OPTION 2

USB

OPTION 3

OPTION 4
USB DIRECT

OPTION 5

OPTION 6

5v OUT

DEBUG

RESET   BOOT

- GPIO23
- GPIO5
- GPIO6
- GPIO7
- GPIO8
- GPIO9
- GPIO10
- GPIO11
- GPIO12
- GPIO16
- GPIO17
- GPIO18
- GPIO19
- GPIO15
- GPIO13
- GPIO14
- GPIO20

GPIO20 -
GPIO21 -
GPIO22 -
GPIO23 -
GPIO24 -
GPIO26 -
GPIO27 -
GPIO28 -
GPIO29 -

TOGGLE
1 G 2 G 3

USB PASSTHROUGH
G D+ D- 5V+

RGB LEDS
U7

GP2040-CE

RP2040 Advanced
Breakout Board
Version 5.4E
Passthrough Edition

VCC G
VCC G
G K3 K1 P4 P2 S2 S1 R U
G K4 K2 P3 P1 A1 L D
20 19
2 1

4-PIN HARNESS
A2 L3 R3 G

WEB CONFIG

OPTION 1 23 G
OPTION 2 24 G
OPTION 3 26 G
OPTION 4 27 G
OPTION 5 28 G
OPTION 6 29 G

USB

DEBUG

USB DIRECT
G D+ D- VCC
H4

5v OUT
VCC G

EXPANSION
3v3 SDA SCL

O1 K4 K3 K2 K1 P4 P3 P2 P1 G

L R D U G S1 S2 A1 A2 G

RESET BOOT