GP2040-CE

GP2040-CE.INFO

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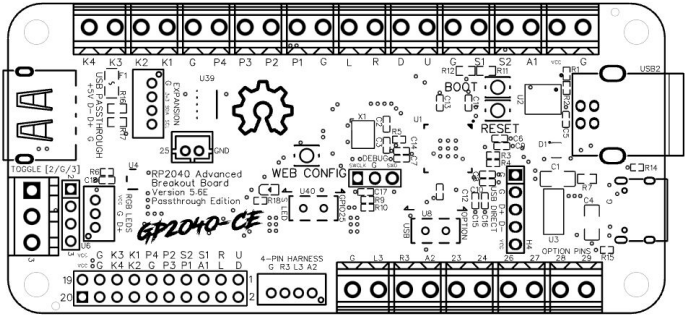**[S2]** + **[A1]** + **[UP]** = Up Priority mode
[S2] + **[A1]** + **[LEFT]** = Last Input Priority (Last Win)
[S2] + **[A1]** + **[DOWN]** = Neutral mode

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

Main Button Inputs

GP2040	XInput	Switch	PS3	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	-	13	-	9
A2	-	Capture	-	14	-	F2

GPIO Pinout

SMD SWITCH U40

LED — GPIO25

SMD SWITCH U8

USB — OPTION

GPIO00
GPIO01

GPIO03 -
GPIO02 -

GPIO04 -

TOGGLE [2/3]

+5V D- D+
USB PASSTHROUGH
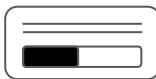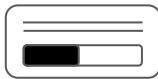
+5	+5
G	G
05	06
07	08
G	09
10	11
12	13
14	15
16	17
18	19

- GPIO5
- GPIO6
- GPIO7
- GPIO8
- GPIO25
- GPIO9
- GPIO10
- GPIO11
- GPIO12

RGB LEDS

RP2040 Advanced
Breakout Board
Version 5.6E
Passthrough Edition

EXPANSION

WEB CONFIG

GPIO20 -
GPIO21 -
GPIO22 -

4-PIN HARNESS
G R3 L3 A2

- GPIO16
- GPIO17
- GPIO18
- GPIO19

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

DEBUG

USB

OPTION

USB DIRECT

BOOT

RESET

OPTION PINS

- GPIO15
- GPIO13
- GPIO14
- GPIO20

USB2

TOGGLE [2/G/3]

USB PASSTHROUGH
+5V D- D+ G

K4
K3
K2
K1
G
P4
P3
P2
P1
L
R
D
U
G
S1
S2
A1
G

RGB LEDS
VCC G D+

EXPANSION
G SDA SCL
GND
U39

RP2040 Advanced
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GP2040-CE

20 19
VCC G
G K3 K1 P4 P2 S2 S1 A1 L
VCC G K4 K2 P3 P1 A2 R3 G D U
2 1

4-PIN HARNESS
G R3 L3 A2

WEB CONFIG

GPIO25

DEBUG

U1

BOOT

RESET

USB
OPTION

USB DIRECT
D+ D-
VCC

OPTION PINS
28 29

G
L3
R3
A2
23
24
26
27

USB2