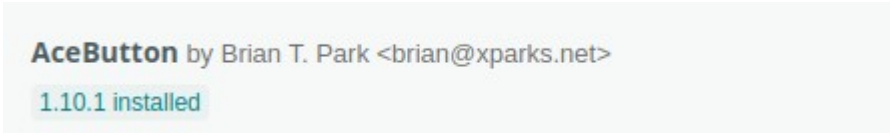
Flashing XCRemoteStick (ubuntu linux, similar on Windows):

Press Joystick ("+" button) in the middle and the reset button on the bottom of the PCB.

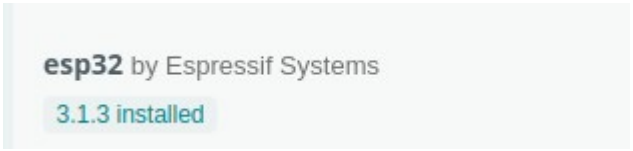
Use Adruino IDE 2.2.2 or later and freshly restart if device /dev/ttyACM0 is not seen as shown below. You might need a driver for the CP210x from Silicon Labs if not avail.

Select Board: "ESP32S2 Dev Module"

Install Library Versions:
1) AceButton 1.10.1
(or later may work as well)



2) esp32 by Espressif Systems 3.1.3
(or later may work as well)



Important Settings: Once CDC is not Enabled, the stick won't work
USE CDC on Boot: **Enabled**
CPU Frequency: 160 Mhz

Note: Do not open the Serial Monitor while Flashing

After flashing reset the stick and check monitor. Its fine if output looks like this:

```
23:14:45.656 -> XCStick kbd started: CPU: 80.000000 Mhz restart cause 1
23:14:55.979 -> Button: 0 evt: 0
23:14:56.019 -> Button: 0 evt: 1
23:15:05.495 -> Button: 8 evt: 0
23:15:05.656 -> Button: 8 evt: 1
23:15:07.307 -> Button: 4 evt: 0
23:15:07.533 -> Button: 4 evt: 1
23:15:09.088 -> Button: 6 evt: 0
23:15:09.285 -> Button: 6 evt: 1
```

Every button is notified with event 0 when pressed and event 1 when released. Plugging it to a PC and monitoring with a terminal should show the keybord strokes as provided by the corresponding .ino