

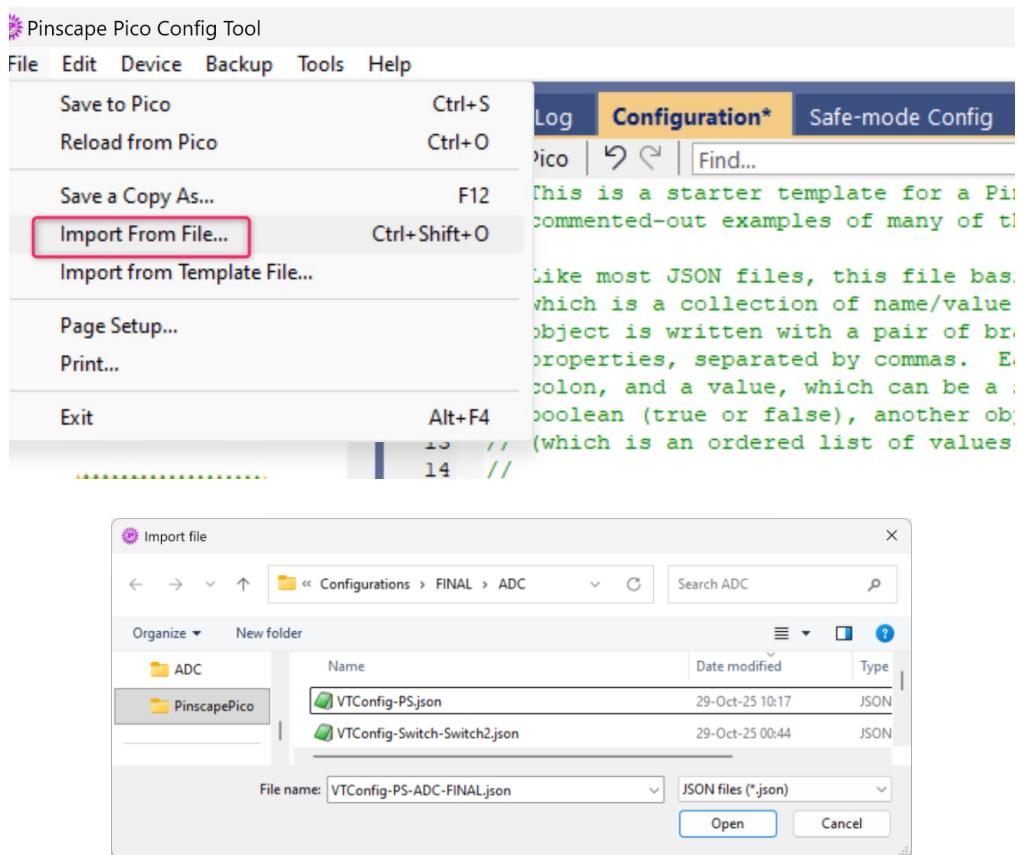
VIRTUATILT – PS SETUP GUIDE

Following some basic instructions to set up your new VirtuaTilt for PS systems.

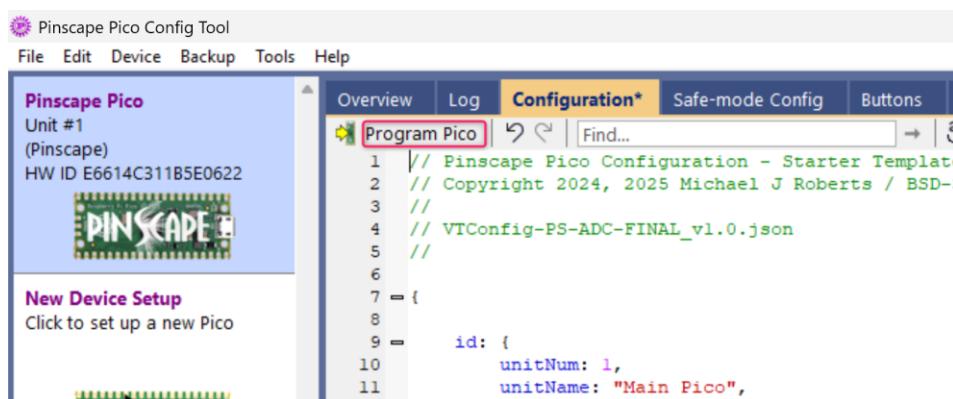
IMPORTANT NOTE: You need a proper USB dongle to make VirtuaTilt compatible with PS devices. If you connect directly, it won't be recognized as a controller.

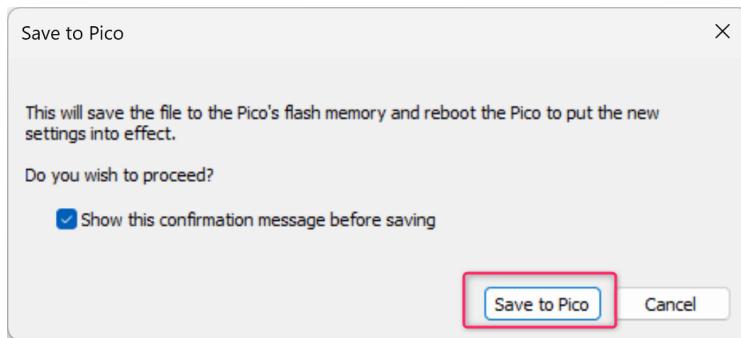
Load Profile

Load **VTConfig-PS.json** profile in **Pinscape Pico Config Tool**:

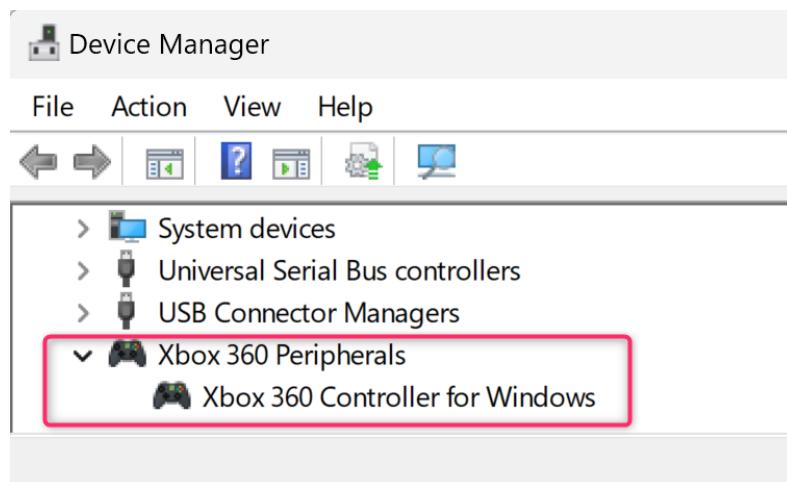
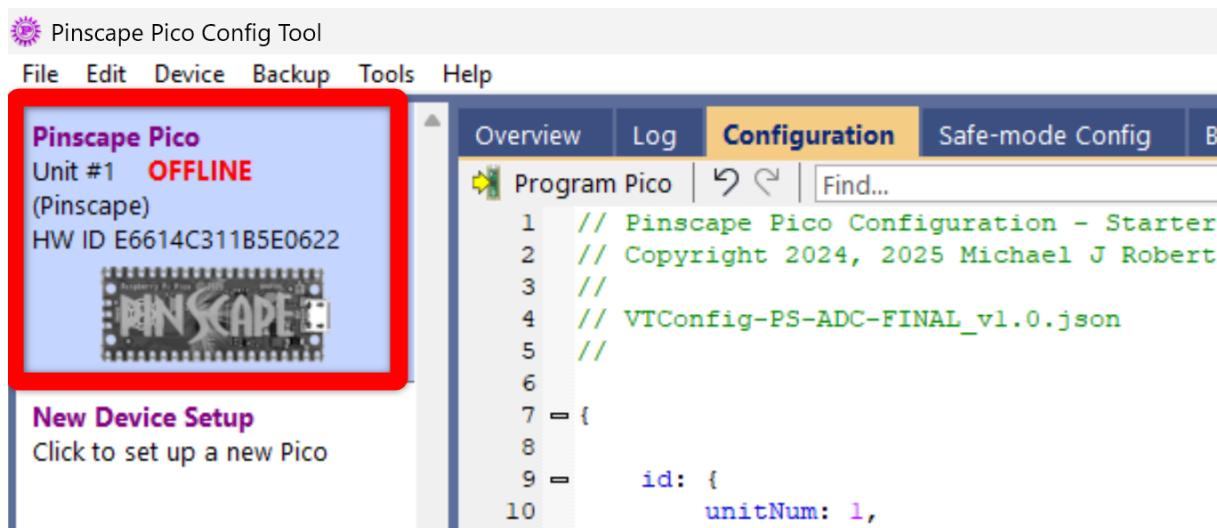


Click on “Program Pico” to save new configuration:





NOTE: Once this profile is loaded, Pico will go offline because the Windows X-Input device driver now is claiming exclusive access to the device, preventing anyone from seeing its other USB interfaces:



3DPTronics

Restore Profile

VirtuaTilt RP2040 – PS Setup Guide v1.0

To load/restore a different profile keep **VirtuaTilt's Reset button** pressed for 2 seconds; device will reboot in **Factory mode**:

The screenshot shows the Pinscape Pico Config Tool interface. The left sidebar has a 'New Device Setup' section with a 'Click to set up a new Pico' button. The main area displays the 'Overview' tab with the following information:

- Pinscape Pico**: Unit #1 (Pinscape), HW ID E6614C311B5E0622.
- Virtual LedWiz ID**: 1.
- Pinscape firmware version**: 1.0.0, build 202510231210.
- Target board**: Pico.
- Hardware ID**: E6614C311B5E0622.
- CPU**: RP2040, Version: 2, ROM: 3 (RP2040-B2).
- Build environment**: Pico SDK 2.2.0, TinyUSB 0.18.0, GNUC 14.3.1.

Uptime: Time since Pico reset: 84,454,446 us (1:24 minutes). Main loop iterations since reset: 3,834,089. Secondary core loops since reset: 49,562,213.

USB Interfaces: USB device identification: VID 1209, PID EAEB. Pinscape Vendor Interface: Configured (always present). Pinscape Feedback Controller: Configured. LedWiz Protocol Emulation: Not Configured. Virtual COM port (CDC): Not Configured. Keyboard: Not Configured. Gamepad: Not Configured. Xbox Controller: Not Configured. Open Pinball Device: Not Configured.

Recent main loop counters: Iterations (recent rolling window): 90,888. Avg main loop time: 22 us. Max main loop time: 731 us.

Recent secondary core loop counters: Iterations (recent rolling window): 1,175,561. Avg main loop time: 1 us. Max main loop time: 12 us.

Memory: Heap memory size: 209,560 bytes. Heap unused: 184,320 bytes. Malloc arena size: 25,240. Arena in use: 22,120. Arena unused: 3,120. Total free memory: 187,440.

The right side of the screenshot shows a detailed pinout diagram for the Raspberry Pi Pico board, mapping pins 0 through 40 to various functions like VBUS, VSYS, GND, 3V3_EN, 3V3_OUT, ADCVREF, GP28, GP27, GP26, GP25, GP24, GP23, GP22, GP21, GP20, GP19, GP18, GP17, GP16, and DEBUG.

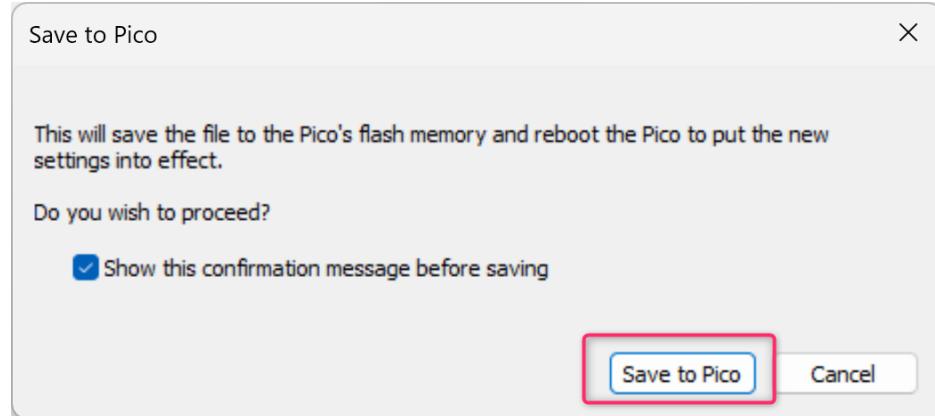
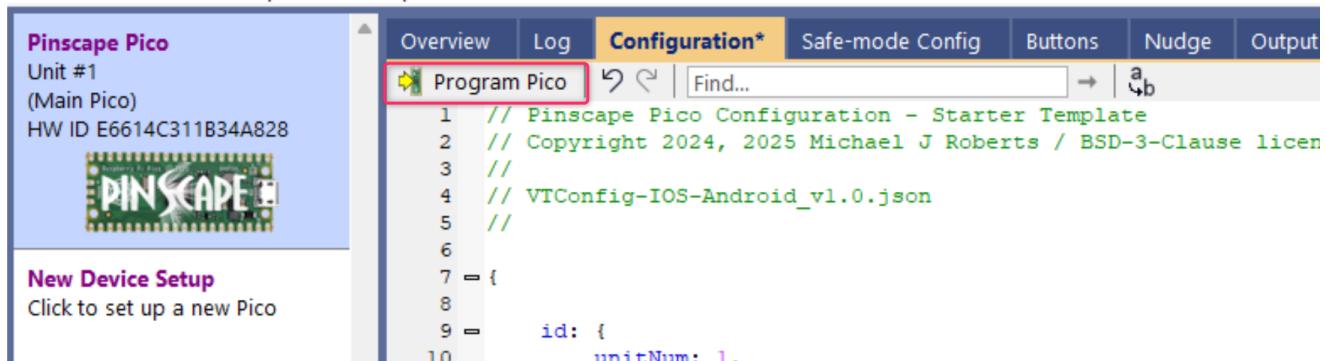
Go to **Configuration → File → Import From File** and choose the profile you need:

The screenshot shows the 'File' menu of the Pinscape Pico Config Tool. The 'Import From File...' option is highlighted with a red box. Other options in the menu include 'Save to Pico', 'Reload from Pico', 'Save a Copy As...', 'Page Setup...', 'Print...', and 'Exit'. The 'Configuration' tab is selected in the top navigation bar.

Click on “**Program Pico**” to save new configuration and you’re done:

Pinscape Pico Config Tool

File Edit Device Backup Tools Help



That's it, enjoy!

Default Buttons Mapping

This is the default buttons mapping for Switch profile. You can of course change assignments in Pinscape Pico Config Tool.

