

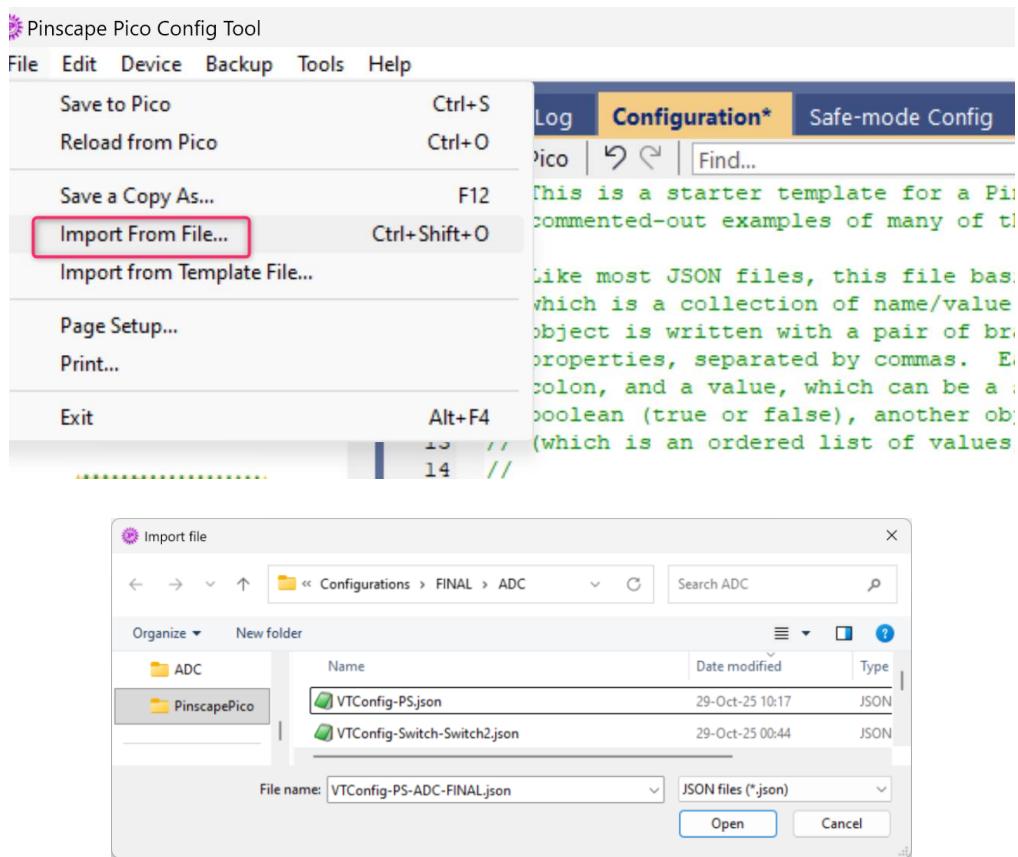
VIRTUATILT – PS SETUP GUIDE

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

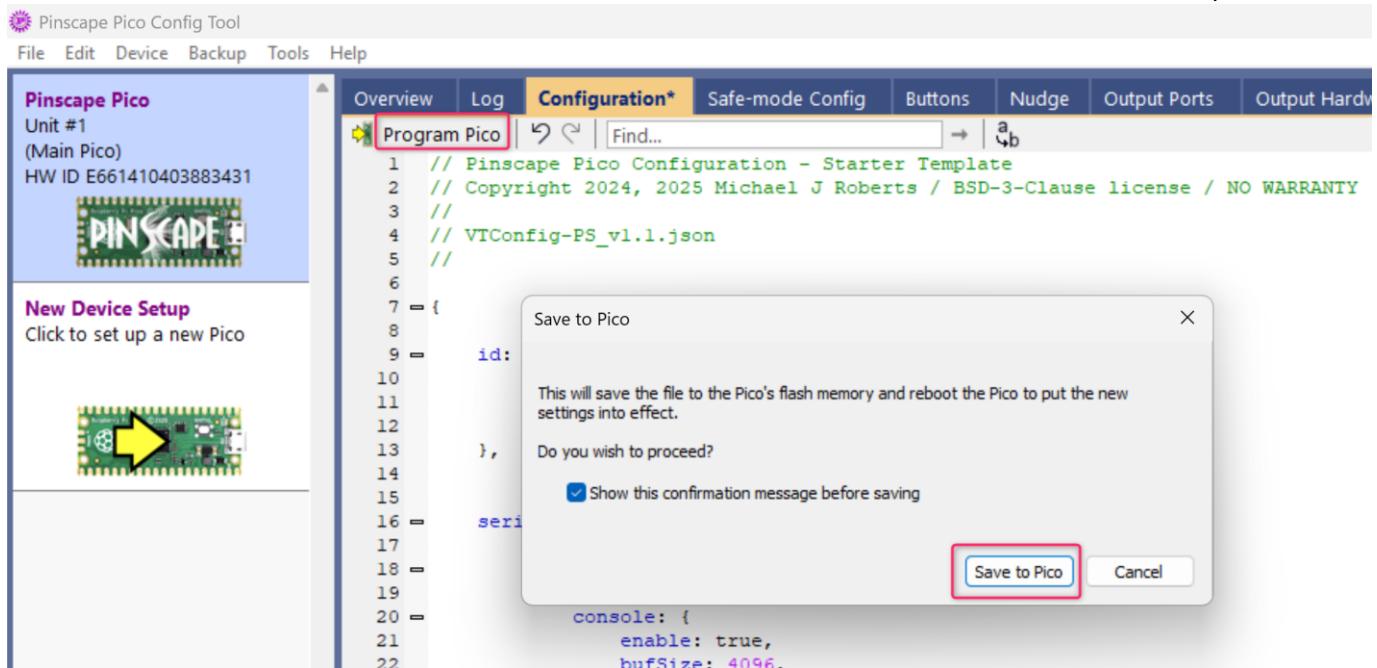
IMPORTANT NOTE: You need a proper USB dongle to make VirtuaTilt compatible with PS devices. If you connect directly, it won't be recognized as a controller.

Load Profile

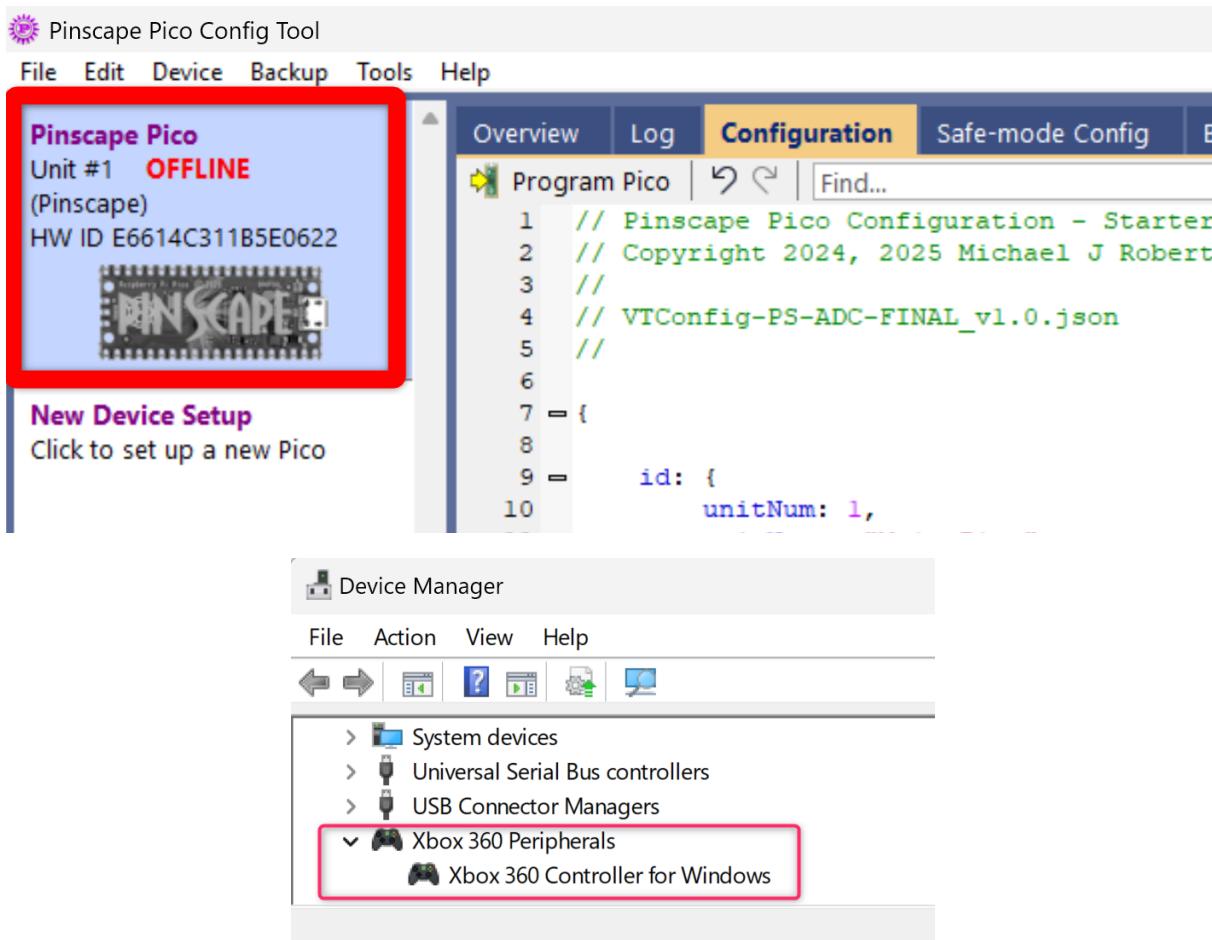
Load **VTConfig-PS_v1.X.json** profile in **Pinscape Pico Config Tool**:



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

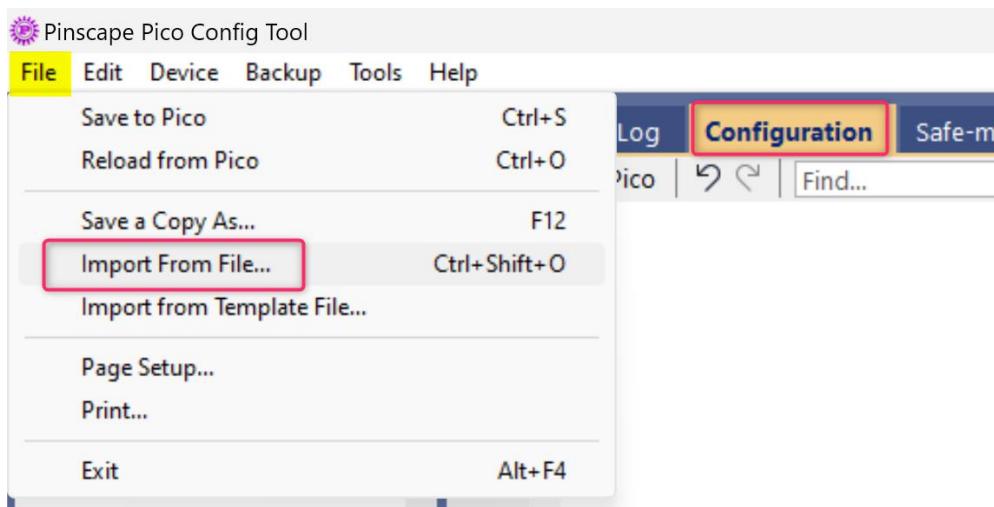
Restore Profile

VirtuaTilt RP2040 – PS Setup Guide v1.1

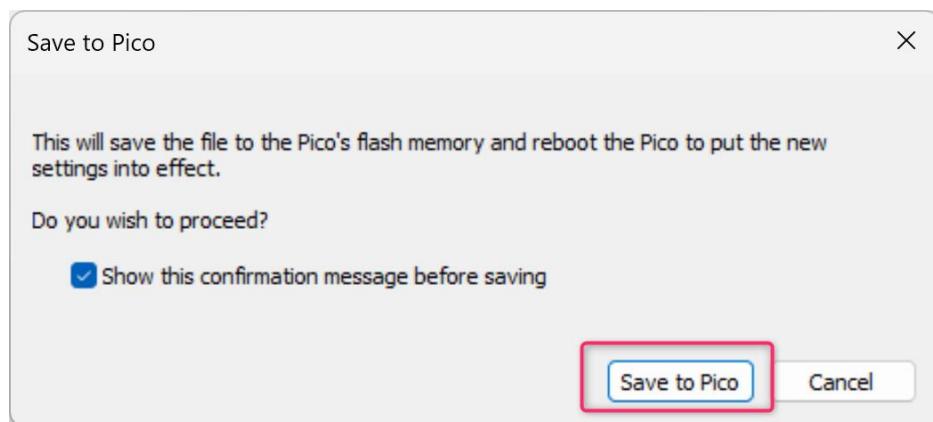
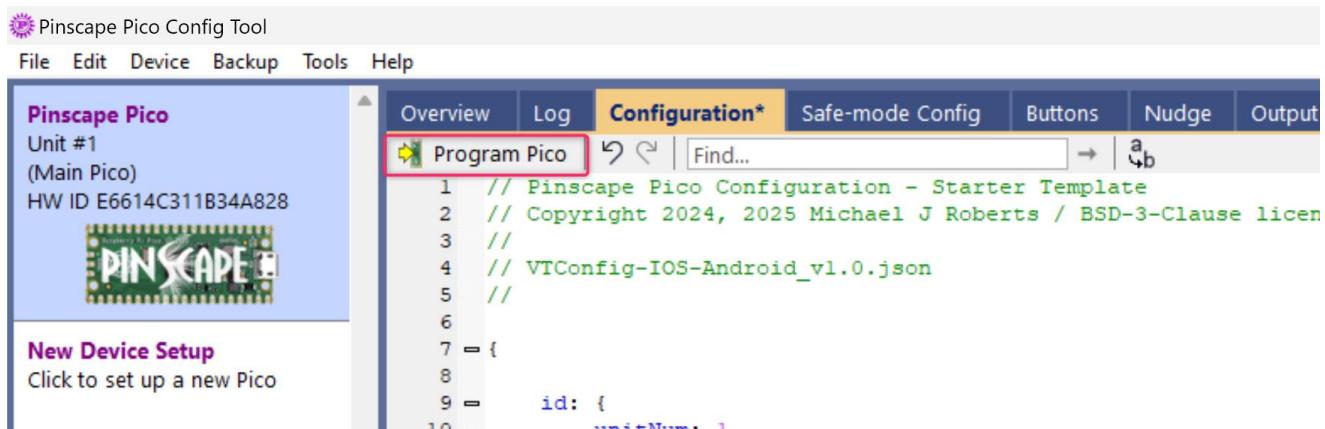
To load/restore a different profile keep **VirtuaTilt's Reset button** pressed for 2 seconds; device will reboot in **Factory mode**:

The screenshot shows the Pinscape Pico Config Tool interface. The left sidebar has a 'Pinscape Pico' section with a 'PINSCAPE' logo, a 'New Device Setup' section with a 'Create New Device' button, and a 'USB Interface' section with a small schematic of the Pico board. The main area has tabs for 'Overview', 'Log', 'Configuration', 'Safe-mode Config', 'Buttons', 'Nudge', 'Output Ports', 'Output Hardware', 'Plunger', and 'IR & TV ON'. The 'Overview' tab is selected, displaying device details like HW ID E6614C311B5E0622, Firmware version 1.0.0, and Build 202510231210. It also shows uptime statistics, USB interfaces, recent main loop counters, recent secondary core loop counters, and memory usage. To the right of the interface is a detailed diagram of the Raspberry Pi Pico board, showing all pins labeled from GP0 to GP15, VBUS, VSYS, GND, 3V3_EN, 3V3_OUT, ADCVREF, GP28, GP27, GP26, GP25, GP24, GP23, GP22, GP21, GP20, GP19, GP18, GP17, GP16, and a central Broadcom SoC labeled 'RP2040'.

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



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



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.

