


Remixed Akaki Joystick

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Summary

This is my remix of Akaki's joystick. It's still a work in progress, but I wanted to share the Fusion360 files. I've...

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This is my remix of Akaki's joystick. It's still a work in progress, but I wanted to share the Fusion360 files.

I've lengthened the joystick slightly for bigger hands as well as moved some of the holes in the base. The joystick button holes I have modded to use "mini push" buttons like this build uses: <https://www.thingiverse.com/make:845220>

(See links to US Based parts below.)

The trigger still uses a micro switch.

I also modded the base to take two pots and "mini push" buttons on both sides. I also added a toggle. I could only fit the push buttons on the left side of the base, and the toggle on the right.

You can still use the C bearing parts from the original if needed.

These are the products from amazon I used, for reference:

Twidex /10Pcs Mini Micro Limit Switch 5A 125 250V AC SPDT 1NO 1NC Long Hinge Semi-Circular Arc Bending Lever Arm Switch Snap Action Button Type 3 Pins KW11-3Z05

<https://www.amazon.com/gp/product/B07NZZXNP9> Gikfun MTS102 2 Position 3 Pins Mini Toggle Switch for Arduino (Pack of 10pcs) EK2021

<https://www.amazon.com/gp/product/B01BWL7Z44> 100 Pieces 5 x 1.5mm Round Disc Small Multi-use Refrigerator Magnets for Refrigerator Science Crafts Projects Science Education Magnetism Kits

<https://www.amazon.com/gp/product/B07F72KVMB> uxcell 5 Pcs 10K OHM Linear Taper Rotary Potentiometer 10KB B10K Pot Zinc Plating with 13mm Shaft

<https://www.amazon.com/gp/product/B01DKCUVMQ> (18 Pcs) MCIGICM 1A 250V AC 2 Pins SPST Momentary Mini Push Button Switch Normal Open

<https://www.amazon.com/gp/product/B07XXLHLT6> uxcell MR73ZZ Deep Groove Ball Bearings 3mm x 7mm x 2.5mm Double Shielded Chrome Steel P0(ABEC1) 10pcs

<https://www.amazon.com/gp/product/B08H27KWV8> 10pcs AH3503 3503 UGN3503 Linear Hall Effect Sensor Hall Circuit Motor TO-92UA

<https://www.ebay.com/itm/10pcs-AH3503-3503-UGN3503-Linear-Hall-Effect-Sensor-Hall-Circuit-Motor-TO-92UA/223963010423> Print Settings

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Printer Brand:

Prusa

Printer:

I3 MK3S

Rafts:

No

Supports:

Yes

Resolution:

0.20

Infill:

20%

Category: Computer

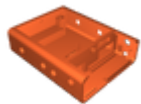
Model files



joystick_grip_face_buttons_mount_plate.stl



joystick_grip_right_side.stl



base.stl



joystick_grip_left_side.stl



joystick_v17.f3d

[Find source .stl files on Thingiverse.com](#)

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