

# Analog Thumbstick

## 3D PRINTING GUIDE

### 3D Printing Summary

Metrics	Joystick
Total Print Time (min)	167
Total Number of Components	2
Typical Total Mass (g)	39
Typical Number of Print Setups	1

### 3D Printing Settings

Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support (Y/N)	Layer Height/ Nozzle Diameter(mm)	Notes (orientation, special settings, etc)
joystick_top.stl	1	1:05	16	20	N	0.2/0.4	Print in orientation given in STL
joystick_base.stl	1	1:42	23	20	N	0.2/0.4	Print in orientation given in STL
U-shaped_Joystick_Topper.stl (If requested)	1	4:22	45	20	Y	0.2/0.4	Support plate on build plate only

### Post-Processing

The 3D printed joystick top and base print without supports. If the requestor wants the U-shaped Joystick Topper, it prints with supports that will have to be removed.

### Customization Options

The user can request the U-shaped joystick topper. They can also request that the device be printed in multiple colours.

### Examples of Quality Prints:

