Printables by JOSEF PRUSA

i3 MK3S+ printable parts

Prusa Research

VIEW IN BROWSER

updated 13. 4. 2023 | published 13. 4. 2023

Summary

Original Prusa i3 MK3S+ printable parts

3D Printers > 3D Printers - Upgrades

Tags: prusa i3 originalprusai3mk3 mk3s prusamk3s parts prusai3mk3s originalprusai3mk3s mk3splus printableparts

All printable parts for your Original Prusa i3 MK3S+
Sorted by kit assembly manual chapters. You can use the file list and folder structure here to prepare parts in the same order as you will need them according to the guide.
Attention, **y-rod-holder** is present 4 times in the printer. If you plan to print the whole kit, print this part 4x. Look for a number in the brackets in the file description.

Print instructions

PrusaSlicer's default PETG 0.2mm presets.
For **fan-shroud** part, we recommend Prusament ASA / PC-Blend with default settings and 5mm brim if necessary.
The fan-shroud STL file includes an inner support rim that needs to be removed after printing. It can be easily removed with needle-nose pliers, a

knife, or flush cutters together with the brim. Otherwise, it will block most of the air from coming out. See the corresponding assembly manual chapter to see what the part should look like after removing the inner support.
ASA, PC Blend, PA or even ABS, as well as other high-temperature materials are only suitable for experienced users, and being from different manufacturers, its properties may vary greatly.
PLA or PET-G is a no-go for **fan-shroud** because of its low temperature resistance.
We recommend using black filament to print all MK3S+ extruder parts. If you want different colour, you can use it, but the **FS-lever** part should be definitely dark (black) and the other parts surrounding the IR-Sensor as well. In case you use any lighter colour for the **FS-lever** it might not trigger the sensor.

Model files

Y-Axis

5 files

y-belt-idler.stl

y-motor-holder.stl

y-rod-holder.stl

(4x)

y-belt-holder.stl

y-belt-tensioner.stl

X-Axis

2 files

x-end-motor.stl

x-end-idler.stl

Z-Axis

3 files

z-axis-bottom.stl

z-screw-cover.stl

(2x)

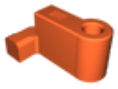
z-axis-top.stl

E-Axis

12 files

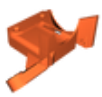
extruder-body.stl

adapter-printer.stl



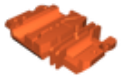
fs-lever.stl

extruder-motor-plate.stl



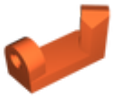
extruder-cover.stl

extruder-idler.stl



x-carriage.stl

fs-cover.stl



print-fan-support.stl

fan-shroud.stl

☐ Please print this part with ASA or PC-Blend!!!

cable-holder.stl

x-carriage-back.stl

LCD

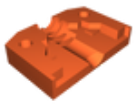
3 files

lcd-cover-original-mk3.stl

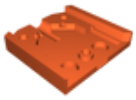
lcd-knob.stl

lcd-supports.stl

Heatbed & PSU 2 files



heatbed-cable-cover-clip.stl



heatbed-cable-cover.stl

Electronics 6 files

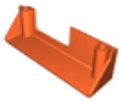
einsy-doors.stl

einsy-hinges.stl

einsy-base.stl

extruder-cable-clip.stl

heatbed-cable-clip.stl



psu-cover-delta.stl

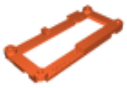
Other

4 files

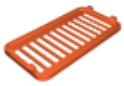
spool-holder.stl

psu-cover-mk3.stl

spare part for the upgraded printers with the silver PSU



rpi-zero-frame.stl



raspberry_cover.stl

Other files

howtoprintparts.pdf

License

This work is licensed under a
GNU

General Public License v2.0

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✔ | Commercial Use
✔ | Meets Open Definition
ℹ | Share under the same license