

3D MODEL ONLY



i3 MK3S+ Printable parts



Prusa Research

VIEW IN BROWSER

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Summary

Original Prusa i3 MK3S+ Printable parts

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Tags: [mk3s](#) [mk3splus](#) [originalprusai3mk3](#) [originalprusai3mk3s](#)
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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

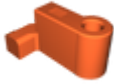
12 files



extruder-body.stl



adapter-printer.stl



fs-lever.stl



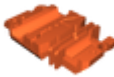
extruder-motor-plate.stl



extruder-cover.stl



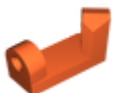
extruder-idler.stl



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

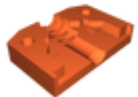


lcd-supports.stl

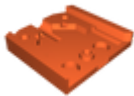


Heatbed & PSU

2 files



heatbed-cable-cover-clip.stl



heatbed-cable-cover.stl



Electronics

6 files



einsy-doors.stl



einsy-hinges.stl



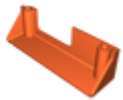
einsy-base.stl



extruder-cable-clip.stl



heatbed-cable-clip.stl



psu-cover-delta.stl



Other

4 files

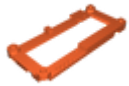


spool-holder.stl

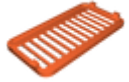


psu-cover-mk3.stl

spare part for the upgraded printers with the silver PSU



rpi-zero-frame.stl



raspberry_cover.stl

Other files



howtoprintparts.pdf

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