

3D MODEL ONLY



## i3 MK3S+ printable parts



Prusa Research

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updated 13. 11. 2023 | published 13. 11. 2023

## Summary

Original Prusa i3 MK3S+ printable parts

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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**

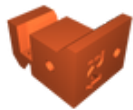


**y-motor-holder.stl**



**y-rod-holder.stl**

□ (4x)



**y-belt-holder.stl**



**y-belt-tensioner.stl**



## X-Axis

2 files



**x-end-motor.stl**



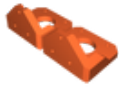
**x-end-idler.stl**



## Z-Axis

3 files

**z-axis-bottom.stl**



**z-screw-cover.stl**



□ (2x)

**z-axis-top.stl**



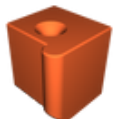
## E-Axis

12 files

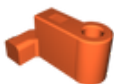
**extruder-body.stl**



**adapter-printer.stl**



**fs-lever.stl**



**extruder-motor-plate.stl**

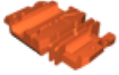


**extruder-cover.stl**





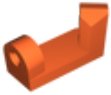
**extruder-idler.stl**



**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**

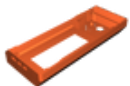


**x-carriage-back.stl**



**LCD**

3 files



**lcd-cover-original-mk3.stl**



**lcd-knob.stl**

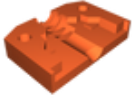


**lcd-supports.stl**

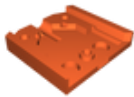


**Heatbed & PSU**

2 files



**heatbed-cable-cover-clip.stl**



**heatbed-cable-cover.stl**



**Electronics**

6 files



**einsy-doors.stl**



**einsy-hinges.stl**



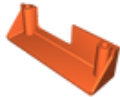
**einsy-base.stl**



**extruder-cable-clip.stl**



**heatbed-cable-clip.stl**

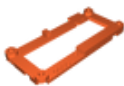


**psu-cover-delta.stl**

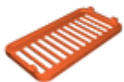


**Raspberry Pi Zero for PrusaLink**

3 files



**rpi-zero-frame.stl**



**raspberry\_cover.stl**



**prusa\_link\_pliers.stl**



**Other**

2 files



**spool-holder.stl**



### psu-cover-mk3.stl

☐ spare part for the upgraded printers with the silver PSU

## Other files



### howtoprintparts.pdf

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