

Mister FPGA custom box / case



VIEW IN BROWSER

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Summary

I designed this box from scratch as I needed a case that fits only the DE-10 Nano and the USB hub attachment.



8.46 hrs



2 pcs



0.20 mm



0.40 mm



PLA



87 g



Prusa
MK3/S/S+

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I designed this box from scratch as I needed a case that fits only the DE-10 Nano and the USB hub attachment. All other boxes have the analog adapter on top, which I'm not using.

Mister parts that fit this box:

1. DE-10 Nano - <https://www.terasic.com.tw/cgi-bin/page/archive.pl?Language=English&No=1046>
2. USB Hub v2.1 - <https://misterfpga.co.uk/product/usb-hub-for-mister-fpga/>
3. SDRAM XXSD 128MB - <https://misterfpga.co.uk/product/mister-sdram-xxsd-128mb/>
4. (Optional) Micro USB Bracket Hub Connector Kit - <https://misterfpga.co.uk/product/micro-usb-bracket-hub-connector-kit/>
It's already included in the hub if you buy from the above website.

5. (Optional) RTC Real Time Clock Board v1.3 - <https://misterfpga.co.uk/product/mister-real-time-clock-board-rtc-v1-3/>
6. (Optional) Heatsink - <https://misterfpga.co.uk/product/mister-heatsink-de10-nano-cooling/>
7. (Optional) Noctua NF-A4x10 5V - <https://noctua.at/en/nf-a4x10-5v>

I'm including the Fusion360 project if anyone wants to remix easily.

Top cover GCODE is with two color changes, so expect it!

Have fun!

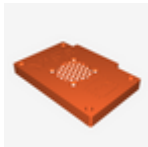
Print instructions

Print at 0.2 without supports.

Model files



mister_box.stl

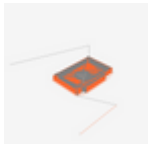


mister_top_cover.stl



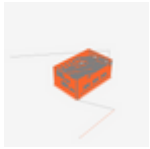
mister_fpga_box.f3d

Print files



mister_top_cover_02mm_pla_mk3s_2h39m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 2.65 hrs ⚖️ 30 g 🖨️ Prusa MK3/S/S+



mister_box_02mm_pla_mk3s_5h49m.gcode

🌐 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 5.81 hrs ⚖️ 57 g 🖨️ Prusa MK3/S/S+

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