



Simple STM32 Nucleo-144 Case



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Summary

A minimal, protective half-case for the STM32 Nucleo-144 development boards, with heat set inserts and screws.

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A little case for the ST Microelectronics Nucleo-144 Development Kit. Check the list below for compatible boards.

The board should sit quite firmly in the case itself and is held down by additional screws. The screw on the left side is really close to the pin headers, so a normal DIN 912 cylinder screw is too tight already. Leaving it out is fine though.

Recommended Material & Print Settings

- Nearly every Material should work, Test prints were done in PLA.
- No supports needed.
- Two (or more) perimeters recommended for the screw pegs to be solid enough

Additional Hardware

- 2-5x M3x12 DIN 912 Cylinder Screws (between 10 and 14mm should be fine)
- 2-5x M3 Heat Set Inserts (CNC Kitchen ones tested, others may work as well)

Compatible Boards

- NUCLEO-F413ZH
- Probably many more. Let me know if you test others so I can add them to the list :)

Please consider liking the model and posting a Make :)

Model files



stm32-nucleo-144-case-v4.3mf



stm32-nucleo-144-case-v4.step



stm32-nucleo-144-case-v4.stl

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