

## keebcu - andimoto7583 - 75% mechanical keyboard



andimoto

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updated 15. 6. 2022 | published 21. 3. 2021

## Summary

keebcu - andimoto7583 mechanical keyboard - This is one of my keyboard designs. It is a 75% mechanical keyboard.

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Tags: [cherrymx](#) [keyboard](#) [mechanicalkeyboard](#) [openscad](#) [tastatur](#)

### keebcu - andimoto7583 mechanical keyboard

This is one of my keyboard designs I made with my keebcu keyboard customizer. It is a 75% mechanical keyboard which can be printed on smaller printers such as Prusa Mini. If you want to build the complete keyboard at once, I added the complete models also.

This design uses an Arduino Pro Micro as controller. If you want some customizations, check out the repository and modify the keyboard files or build yourself a custom one. There is also the possibility to create a version with the Teensy2 by configuring the OpenSCAD files.

You can also create a complete new layout. OpenSCAD files and documentation:

<https://github.com/andimoto/keebcu>

You need:

- keyboard case (left & right or complete)
- lid (left & right or complete)
- risers
- wrist rest (optional)
- cherry mx style switches
- fancy keycaps
- costar stabilizers
- glue
- Arduino Pro Micro
- wires
- 1N4148 diodes
- m3x8mm screws

Wiring [https://github.com/andimoto/keebcu/blob/master/wiring\\_sheets/andimoto7583/andimoto7583\\_wiring.pdf](https://github.com/andimoto/keebcu/blob/master/wiring_sheets/andimoto7583/andimoto7583_wiring.pdf)

See also [https://github.com/qmk/qmk\\_firmware/blob/master/docs/hand\\_wire.md](https://github.com/qmk/qmk_firmware/blob/master/docs/hand_wire.md)

### Filament:

Prusament PETG

PLA should be ok, too.

### Notes:

Please read the README from the Repository on some printing notes I wrote. Pay attention when printing multi color for the case. Filament change should be at the case plate to avoid the screw stamps to break, as mentioned in README.

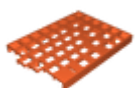
Category: Computer

## Model files



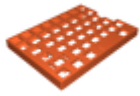
**andimoto7583 for Arduino Pro Micro**

4 files



**andimoto7583\_maincaseright.stl**

☐ use brim, no skirt, no support



**andimoto7583\_maincaseleft.stl**

☐ use brim, no skirt, no support



**andimoto7583\_lidr.stl**



**andimoto7583\_lidl.stl**

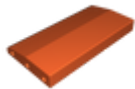


**wrist rest**

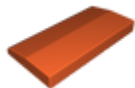
3 files



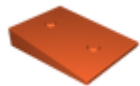
**wristconnectors.stl**



**wrist306l.stl**

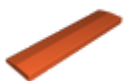


**wrist306r.stl**

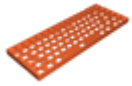


**andimoto7583\_keyboardriser.stl**

☐ print 2x



**wrist306complete.stl**



### andimoto7583\_maincase.stl

☐ complete model, for Arduino Pro Micro

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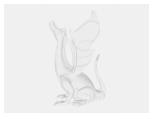
### andimoto7583\_lid.stl

☐ complete model, for Arduino Pro Micro

## Other files



### andimoto7583\_qmk\_layout.pdf



### andimoto7583\_wiring.pdf

[Find source .stl files on Thingiverse.com](#)

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