

modular microcontroller and breadboard holder



LayerLux3D

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updated 20. 10. 2024 | published 20. 10. 2024

Summary

This is a modular system to hold your Uno/Nano and ESP32 in place while you tinker with a breadboard.

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Tags: [tool](#) [holder](#) [arduino](#) [esp32](#) [breadboard](#) [nano](#)
[useful](#) [tinker](#)

This is a modular holder system compatible with an Arduino Nano, Arduino Uno, or ESP32.

You can customize the setup by combining the microcontroller holder with the breadboard holder according to your needs.

Simply connect the two modules as shown in the pictures.

If the tolerances don't keep the holder in the desired angle, you can use a filament string, as demonstrated in the picture, or apply glue for extra stability.

The microcontrollers are secured with M3 6mm screws.

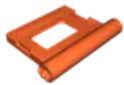
If you have a different microcontroller, you can use my universal adapter to hold it.

<https://www.printables.com/model/1044517-universal-microcontroller-adapter>

Model files



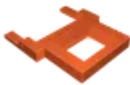
holderbig.stl



esp32.stl



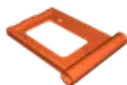
holdermiddle.stl



holdersmall.stl



nano.stl



uno.stl

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