



HSW Mountable Case for ESP32-C3 SuperMini and LD2410C



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Summary

A remix of my case for the ESP32-C3 SuperMini and LD2410C that is HSW mountable.

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Tags: [case](#) [mount](#) [esp32](#) [esp](#) [motionsensor](#)
[honeycombstorageewall](#) [hsw](#) [esp32c3supermini](#)

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A simple case for using an LD2410C radar sensors with an ESP32 C3 Mini that can be mounted to the HSW. I've included a little spacer that can be slid over the pins of the LD2410C to help with soldering to the ESP board.

BOM (affiliate links):

- [ESP32-C3 SuperMini](#)
 - [LD2410C Radar Sensor](#)
 - USB Cable
- I use these [short](#) and these [long](#) cables.

- Something to mount them to the wall with:
 - My preference is **Gorilla Putty** but a **small Command strip** should work just as well.

Prints require no supports. I've used PLA without issue.

1. Snip off the “out” pin on the LD2410C. This is the middle pin.
2. Slide the space over the pins.
3. Solder the pins to the ESP board.
 1. The VCC pin on the LD2410C goes into the 5V hole on the ESP.
The rest of the pins fall in line.
 2. See the photos for reference
4. Cut off the excess from the pins.
5. Slide the boards into the case.
 1. You'll need to slide the LD2410C in first at a slight angle.
6. Pop the cover into place.

I'm using **this YAML config** on these with Home Assistant and they're currently my favorite presence sensor.

Will require a blank insert to attach to the HSW.

Be sure to check out **my other models!**

This remix is based on



Case for ESP32-C3 SuperMini and LD2410C

by FriedCheese2006



Honeycomb storage wall

by RostaP

Model files



case.stl



flat-back.stl



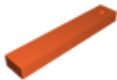
back-tiled-down.stl



back-tilted-right.stl



back-tilted-left.stl



pin-spacer.stl



esp32-c3-supermini-and-ld2410c-hsw.3mf



esp32-c3-supermini-and-ld2410c-hsw.f3d

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