

## OpenDTU CMT2300A Case



WizardPC

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### Summary

A compact plug&play (only use dupont connector) case to make an OpenDTU

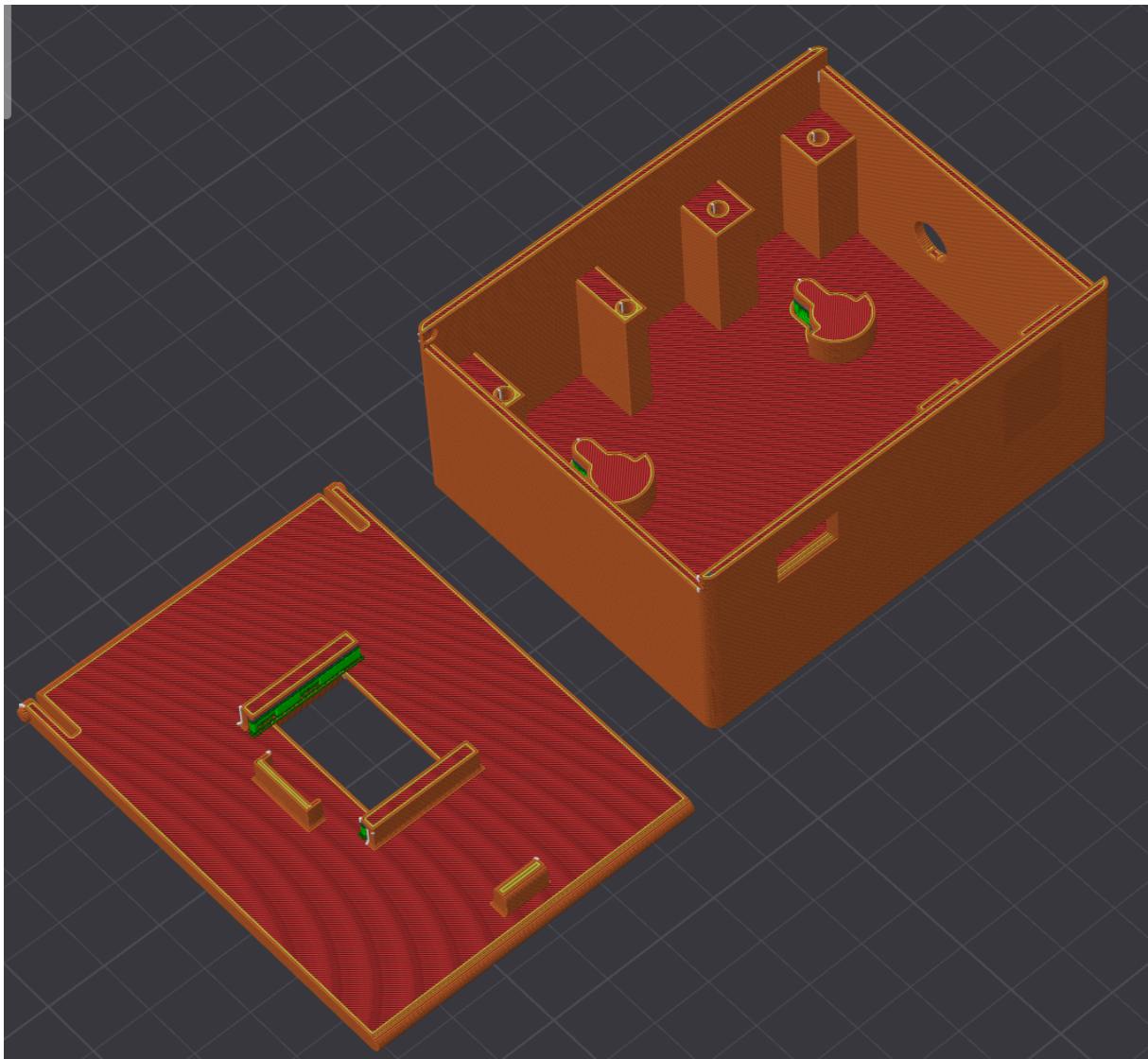
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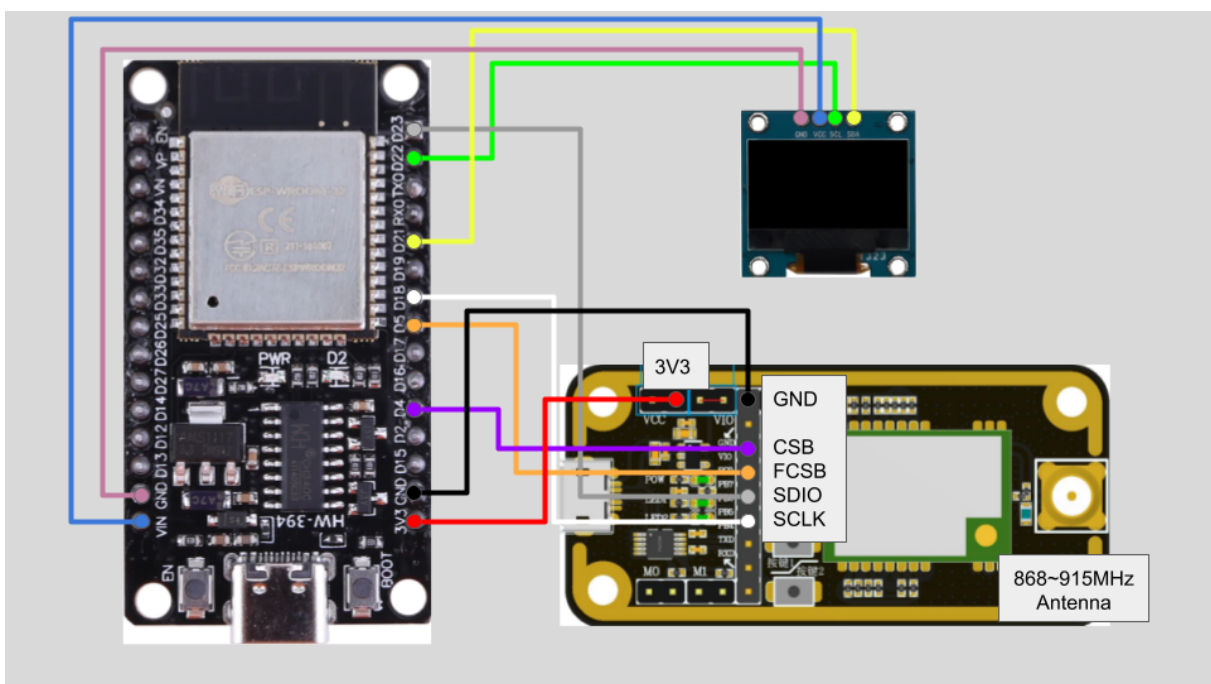
BOM required :

- ESP32
- CMT2300A dev board with "E49-900M20S" chip
- OLED 0.96" screen "SSD1315"
- Dupont connectors
- External "868MHz~915MHz Antenna" with an IPEX4 <> Female SMA cable

Use "Snug" support for both part and add "build plate only" for the case :



Wiring :



Configuration :

- Get the pin\_mapping from the official Github : [https://github.com/tbnobody/OpenDTU/blob/master/docs/DeviceProfiles/nodemcu\\_esp32.json](https://github.com/tbnobody/OpenDTU/blob/master/docs/DeviceProfiles/nodemcu_esp32.json)
- Add the custom block from the “pin\_mapping\_custom.json” file here
- Select it from the OpenDTU WebUI

## Model files



**opendtu\_case.stl**



**opendtu\_lid.stl**

## Other files

**opendtu-wiring.svg**

**pin\_mapping\_custom.json**

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