

Temperature and Humidity sensor - ESP32



sn0w

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Summary

Temperature and Humidity sensor - ESP32 - HomeAssistant - Battery

[Hobby & Makers](#) > [Electronics](#)

Tags: [homeassistant](#) [sht3x](#) [esp32c3](#)

Version	Note
1.0	Uploaded model
1.1	Uploaded improved version of TopBody (Top_Body_v2)

Hello

I'm introducing my own creation which is enclosure for SHT3X Temperature and Humidity Sensor with custom PCB working on 1500mAh battery.

It's designed for HomeAssistant but it might be used anywhere because we are based on ESP32-C3 so you can program it as you want.

Gerber files attached.

Printing:

Use 0.2 mm, 10% infill, 2 walls. Print all flat with support inside TopBody (use support only on build plate)

Model files

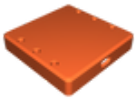
homeassistant-sensor.3mf



bat_spacer.stl



top_body.stl



bottom_body.stl



top_body_v2.stl

Other files

gerber_sensor_pcb_sensor_2_2024-04-01.zip

assembly_manual.pdf

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