



## Yet Another ESP32 Cam Case



DudeShift

[VIEW IN BROWSER](#)

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### Summary

Yet another ESP32 Cam Case using [thing:4107609](#) as inspiration I recreated it in Fusion360 and mainly added pin access.



1.28 hrs



3 pcs



0.20 mm



0.40 mm



PLA



11 g



Prusa MINI /  
MINI+

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Tags: [case](#) [esp32](#) [esp32cam](#) [esp32cambox](#) [esp32case](#)

Yet another ESP32 Cam Case using [thing:4107609](#) as inspiration I recreated it in Fusion360 and mainly edited the lid for dupont pin access.

The slot in the bottom of the base is suppose to be used for a breakout micro usb board which many of ESP32 Cam cases have. Without one in there the ESP32 does have some vertical movement in the case.

The lid is friction fitted but be careful not to try to pull it off from the pin access slots.

With the hinge, the case has some angle adjustment with a 4mm hole for mounting possibilities.

Printed with terrible SunLu Translucent Blue PLA (Sorry for stringy/bad pictures) with the gcode uploaded with the “Prusament 0.2mm layer Quality” profile.

(Personal Note: This was a fun project to get back into Fusion360. I started by taking measurements of [thing:4107609](#) in Microsoft 3D Builder, drew out 2d views on paper, and then made the models in Fusion360. I then used a [ESP32 Cam](#) and [Dupont Connector](#) cad files to verify and make the pin access slots.)

Update 21 Sept. 22: Uploaded case without my username inside. Been meaning to come back to my first make and reprint for better photos / do any edits. I stopped using the ESP32 for a camera since I kept getting brownout errors on a 5V 1Amp supply.

## Model files



**esp32-cam-base.3mf**

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**esp32-cam-lid.3mf**

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**esp32-cam-hinge.3mf**

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**esp32-cam-base-case-no-name-inside.3mf**

# Print files



## esp32-cam-hinge\_02mm\_pla\_mini\_23m.gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 0.39 hrs ⚖️ 3 g 🖨️ Prusa MINI / MINI+



## esp32-cam-lid\_02mm\_pla\_mini\_17m.gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 0.28 hrs ⚖️ 2 g 🖨️ Prusa MINI / MINI+



## esp32-cam-base\_02mm\_pla\_mini\_37m.gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 0.61 hrs ⚖️ 6 g 🖨️ Prusa MINI / MINI+

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