



## Top for Atomic Pi Case with Baby Breakout

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### Summary

An atomic pi case for the old, large version of the baby breakout board.

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Tags: [atomicpi](#) [atomicpicase](#)

### IMPORTANT NOTE

The baby breakout has changed to a different, smaller board. This design is incompatible with that smaller breakout.

### Before you begin

If you've already printed [SirRyanTheGeek's "Atomic Pi Case with Baby Breakout"](#) from which this was remixed, you should be able to print only the 3top.stl file and attach everything together as the other 2 pieces are unmodified here.

NOTE: If you need easy access to the reset button, this top / case may not be for you. The button is recessed into the case and needs to be pushed with a pen or something similar.

## Parts

- 1bottom.stl
- 2middle.stl
- 3top.stl
- 5 x 20mm - 30mm M3 screws (20mm just barely gets into the top, but it's what I had on hand)
- 1 x 6mm M3 screw

## Assembly Instructions

1. Print 1bottom.stl with supports (needed for countersunk holes).
2. Print 2middle.stl with no supports needed.
3. Print 3top.stl with no supports needed.
4. With the breakout board unattached, put the middle piece underneath the Atomic Pi; the board should fit into the depression into the piece. Note the cutout for the baby breakout's power jack and orient accordingly.
5. Push the baby breakout board onto its header.
6. Align the bottom piece and screw into the middle piece until not quite through the holes in the atomic pi. Ensure you hold the bottom and middle tightly together as you do this. You should be able to see that one of the center holes in the bottom and middle does not correspond to a hole on the Atomic Pi; this is where the 6mm M3 screw will go.
7. Align the top above the atomic pi and finish turning the screws in until fully countersunk, attaching the top piece. Again, ensure that you hold the top tightly to the rest of the assembly while also ensuring that each screw hole remains aligned.

## Model files

**1bottom.stl**



**2middle.stl**





**3top.stl**

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**atomic-pi-case-print.step**

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**atomic-pi-case-src.step**

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