



Ping Pong Pixels



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Summary

Ping Pong Pixels are a modular clickable chassis for creating easy RGB lighting decorations for your room/home.

[Household](#) > [Home Decor](#)

Tags: [light](#) [lamp](#) [led](#) [tabletennis](#) [pingpong](#) [lighting](#)
[rgb](#) [ws2811](#) [matrix](#) [rgbled](#) [desk lamp](#) [ledmatrix](#)
[pingpongpixels](#)

Ping Pong Pixels are a modular clickable chassis for creating easy RGB lighting decorations for your room/home.

"Matrix" chassis lets you make flat matrix displays of any dimension (photos show various configurations) and I have included example back covers to make a complete desktop lamp.

"Cylinder" chassis lets you make decagon-based cylindrical lamps of any height.

Print some chassis pieces and use the "clip" pieces to click them together into your desired configuration, then click your WS2811 lights in front behind. No glue required! Wire the lights up to the microcontroller of your

choice and you're done. I use ESP32's with WLED as the controller software, so it's all done with no code too.

Print instructions

I print the chassis pieces face down with supports, although some other users have had success with no supports too.

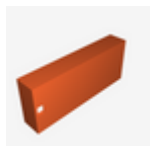
Model files



ping-pong-pixel-clip.stl



ping-pong-pixel-3x3-rear-cover.stl



ping-pong-pixel-5x2-rear-cover.stl



ping-pong-pixel-cylinder-chassis.stl



ping-pong-pixel-2x2-rear-cover-with-star-and-28mm.stl



ping-pong-pixel-matrix-chassis.stl

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