

## Pop-up parade RGB figure base



Gerge

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## Summary

RGB lighting for Good Smile Co pop-up parade figures

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It seems that all pop-up parade figures have the same hexagonal translucent base (from what I found online).

RGB lighting base designed to fit a Wemos D1 mini and addressable LEDs. A simplified code is attached as an example with a wifi login portal and a webpage. There is a lot more you can do with wifi control such as MQTT protocol with home assistant, saving colour presets or random colour shifting, be creative. (NOTE: code was written for gyverportal lib v1.7.0) Tip: try putting some paper to reflect and diffuse the light if there is only one LED like in the pictures.

Freecad model of the part is provided for modifications.

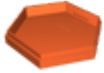
**Update (27/11/2022):** The space for the wemos board was a bit small in length. STL and CAD model updated for better fit.

## Model files



**popupparade\_base.fcstd**

📄 V2



**popupparade\_base.stl**

📄 V2

## Other files



**wifirgbsimple.ino**

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