

Untested features:

- \* USB QC support (for > 5 V over type A cables)
- \* SD-MMC with 4 data-lines

- measure VBUS with I039 (pd\_bad not reliable)
- double R6 for more light sensitivity
- Add RTC
- Add IR-RX on I07

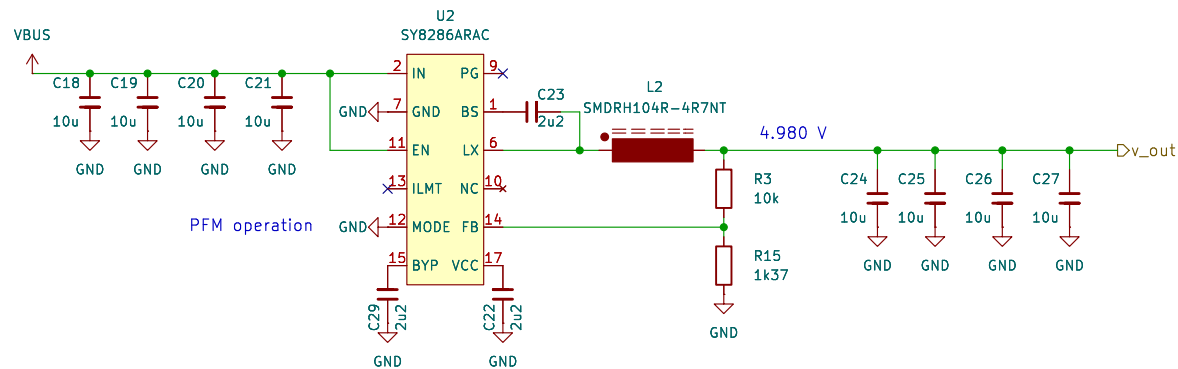
Sheet: /  
 File: rgb.kicad\_sch

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**Title: ESP Pinball RGB Animation clock (espirgani)**

Size: A4	Date: 2025-01-15	Rev: <b>3</b>
KiCad E.D.A. 9.0.0-rc3-dirty		Id: 1/3





Sheet: /Stepdown\_b/  
File: stepdown.kicad\_sch

**Title: ESP Pinball RGB Animation clock (espigbani)**

Size: A4      Date: 2025-01-15

KiCad E.D.A. 9.0.0-rc3-dirty

**Rev: 3**

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