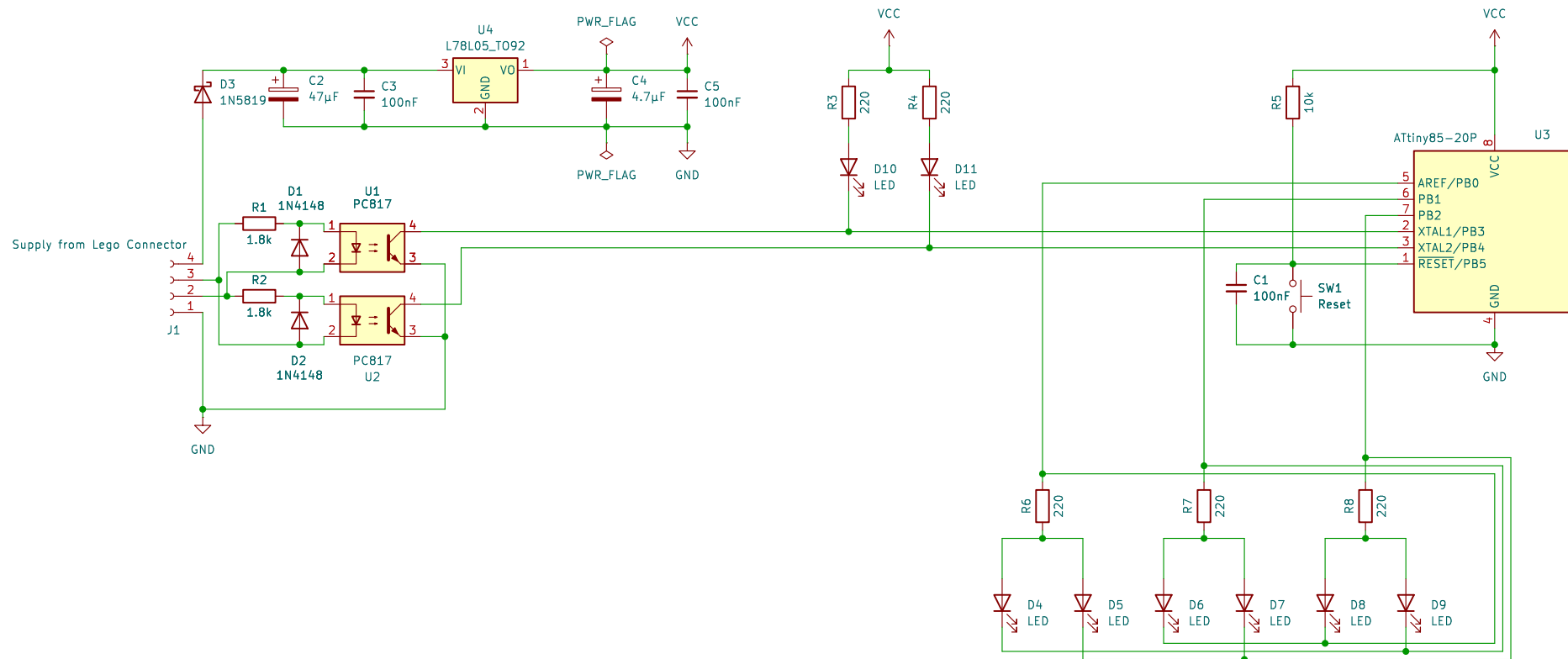


Attention:
 - Need to check if bulky CPs needed (depends on noise of voltage line)

Attention:
 LED D1/D2 & R3/R4 only during development, will be removed later
 During this time Enable internal pull up PB3 & 4 setup(): pinMode(optoPin*, INPUT_PULLUP);
 without LED: adapt R3/4.



Idea:
 PWM and Charlieplexing for max. flexibility
 Later Layout: for each LED one Connector.

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ToGo-Lab

Sheet: /
 File: 0004-DenshaBekutoru.kicad_sch

Title: DenshaBekutoru 電車ベクトル (Train Vector)

Size: A4 Date: 2025-11-10

KiCad E.D.A. 8.0.9

Rev: #001

Id: 1/1