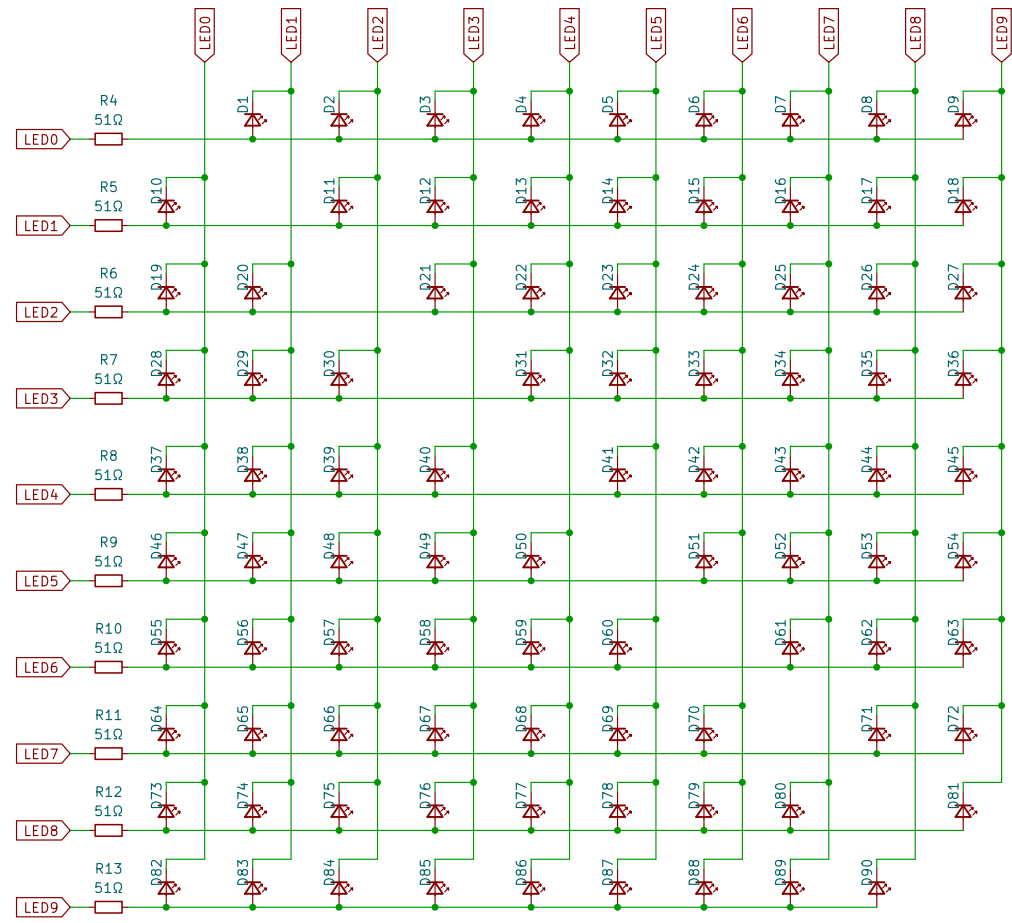


LED matrix using charlieplexing. MCU requires a tri-state to power led's or not



$$R = (V_s - V_f) / I_f = (3.3 - 2.28) / 0.020 = 51\Omega$$

TODO: check current limiting resistor

Martijn Casteel

Sheet: /LED Matrix/
File: led-matrix.kicad_sch

Title: **VIRM-STM32**

Size: A4 Date: 2024-03-24

KiCad E.D.A. 8.0.1

Rev: 1.0

Id: 2/2