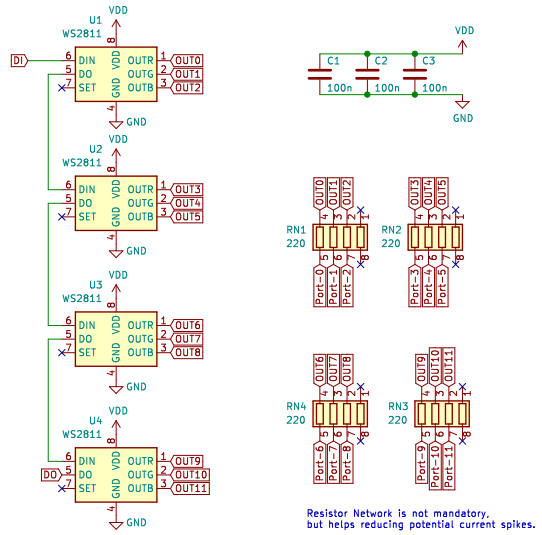
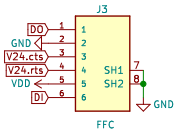
WS2811



Resistor Network is not mandatory,
but helps reducing potential current spikes.

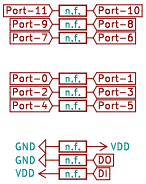
Bus Connector

Option 1: Flat Cable Connector (FFC)



6 Positions, Bottom Contact, 0.50mm (0.020in) Pitch

Option 2: Solder connect (alternative to option 1)



0805 footprints are used as solder pads for external cables

Note: VDD must be 5V.
There is no protection against reverse voltage nor high voltage.

12 channel WS2811
Frank Schumacher
Sheet: /
File: E12.sch

Title: E12 module

Size: A4	Date: 2025-09-06	**Rev: 1**
KiCad E.D.A. kicad (5.1.12)-1		Id: 1/1