

This is a 5V→3.3V/2.5V/1.8V step down regulator
 Vin min is 2.6V, with low dropout (possible 100% PWM operation)

Output power section

5V step-down DCDC, with 5V passthrough possibility

Enabling power via PWR_EN is UNTESTED

Neofoxx

Sheet: /OutputPowerSupply/

File: OutputPowerSupply.sch

Title: Output power

Size: User

Date:

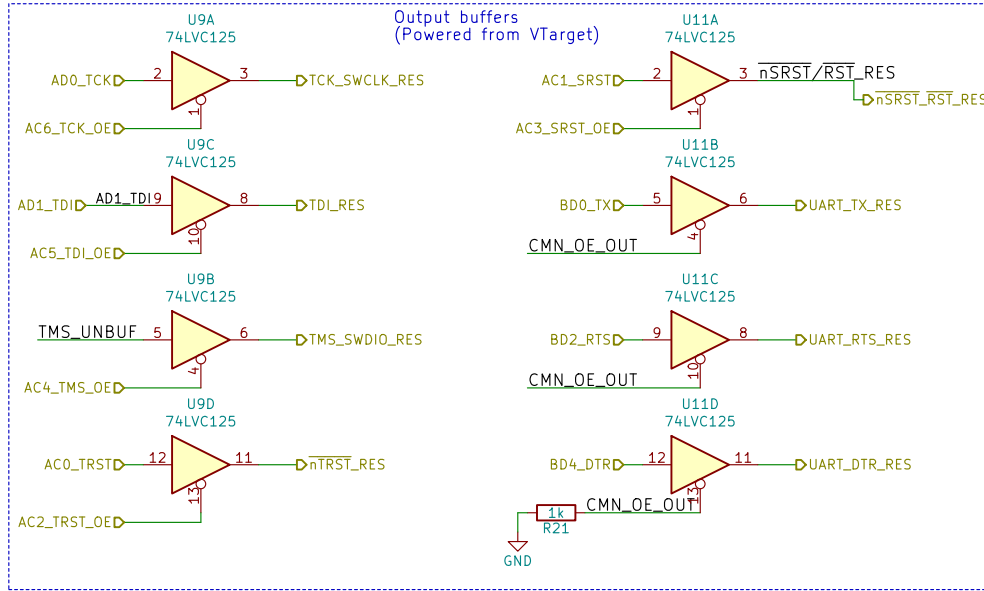
KiCad E.D.A. kicad 5.0.2-bee76a070ubuntu18.04.1

Rev: 4

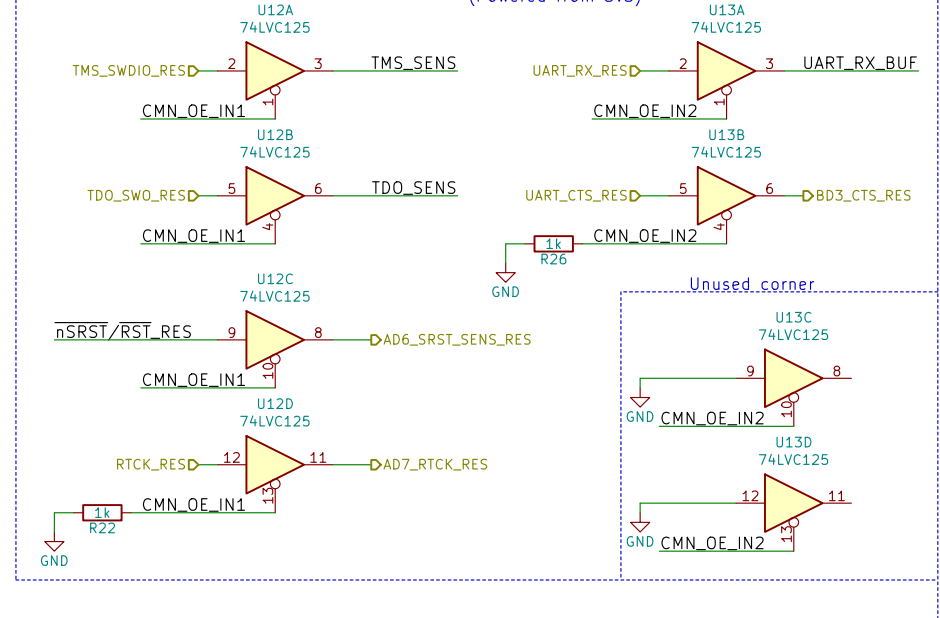
Id: 3/4

Buffers actually SN74LV4T125 (not 74LVC125)
Mux actually SN74LVC157A

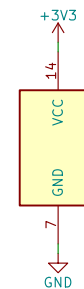
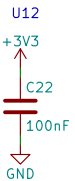
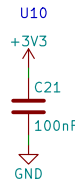
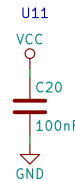
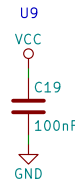
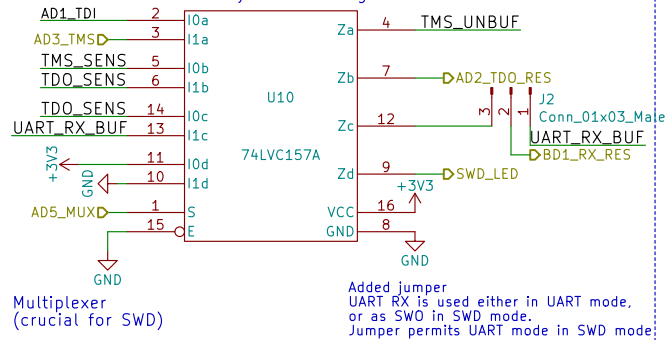
Output buffers
(Powered from VTarget)



Symbols don't have nice GND&PWR INPUT BUFFERS
(Powered from 3v3)



This symbol is not good



Voltage translation & SWD multiplexing

Neofxx

Sheet: /OutputBuffers/
File: OutputBuffers.sch

Title: Voltage translators & multiplexing

Size: A4 Date:
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