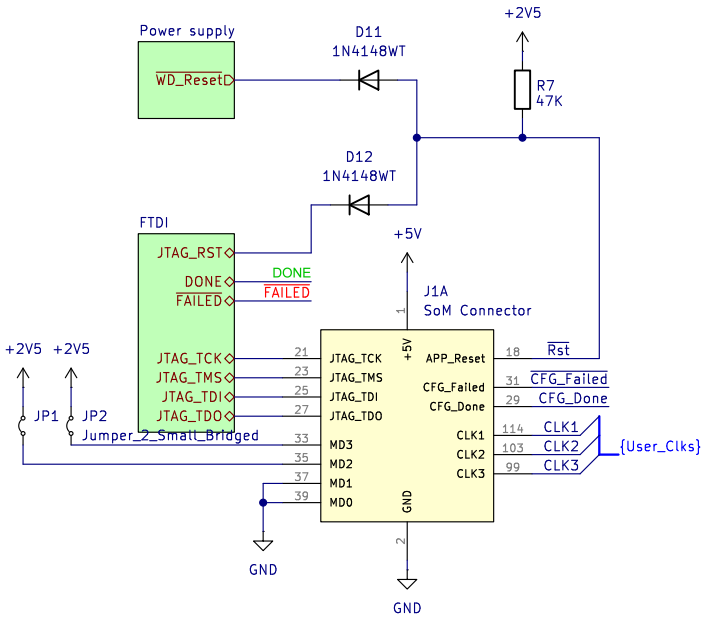
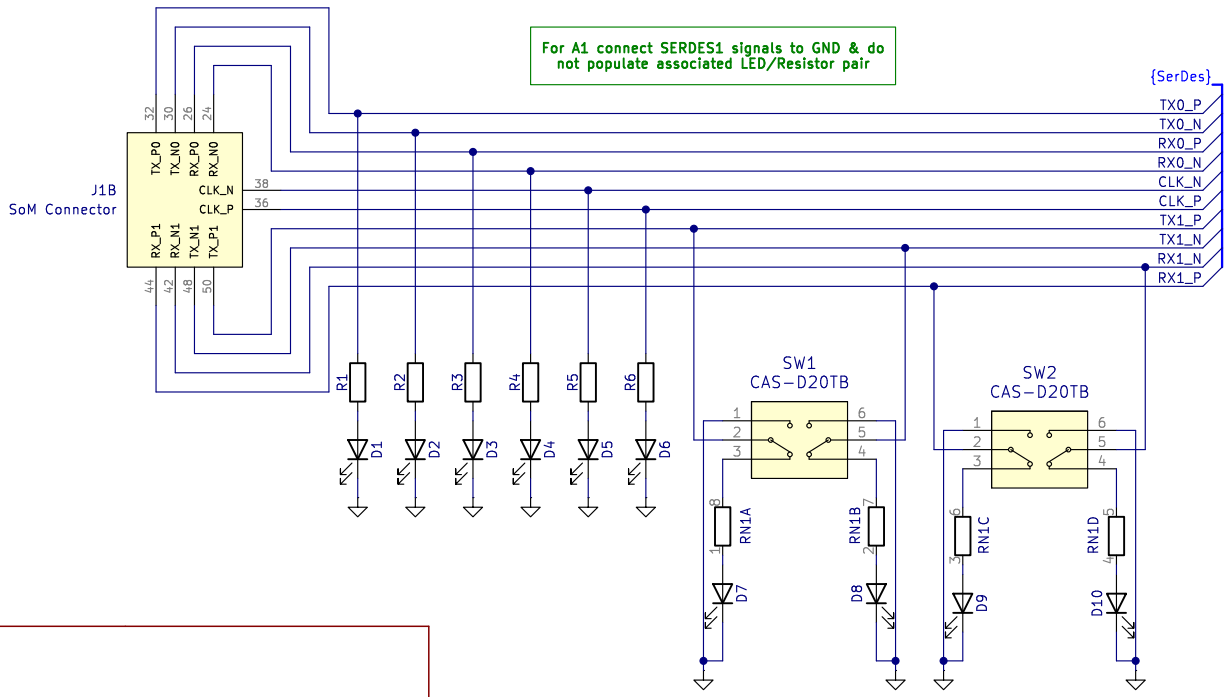
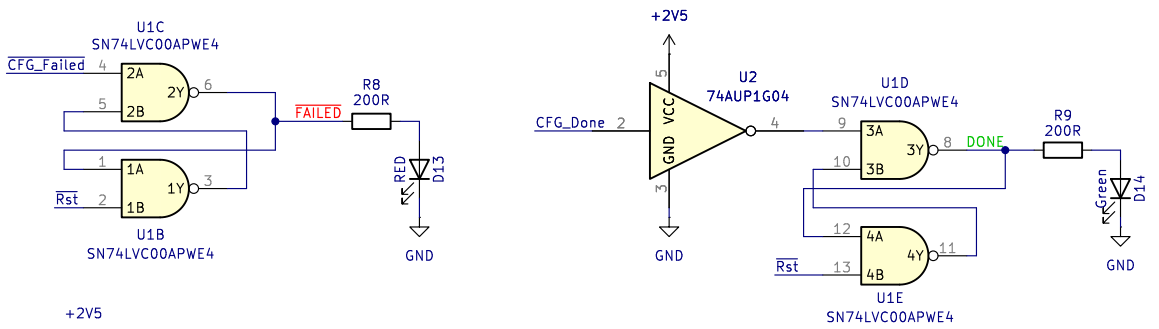
Configuration & Reset



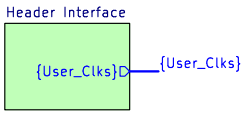
SERDES Configuration



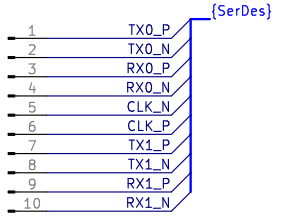
CFG-LED Latches



IO Configuration



J2
Conn_01x12_Pin



Resistor values if not specified = 200R

Color if not specified = green

log1

log2

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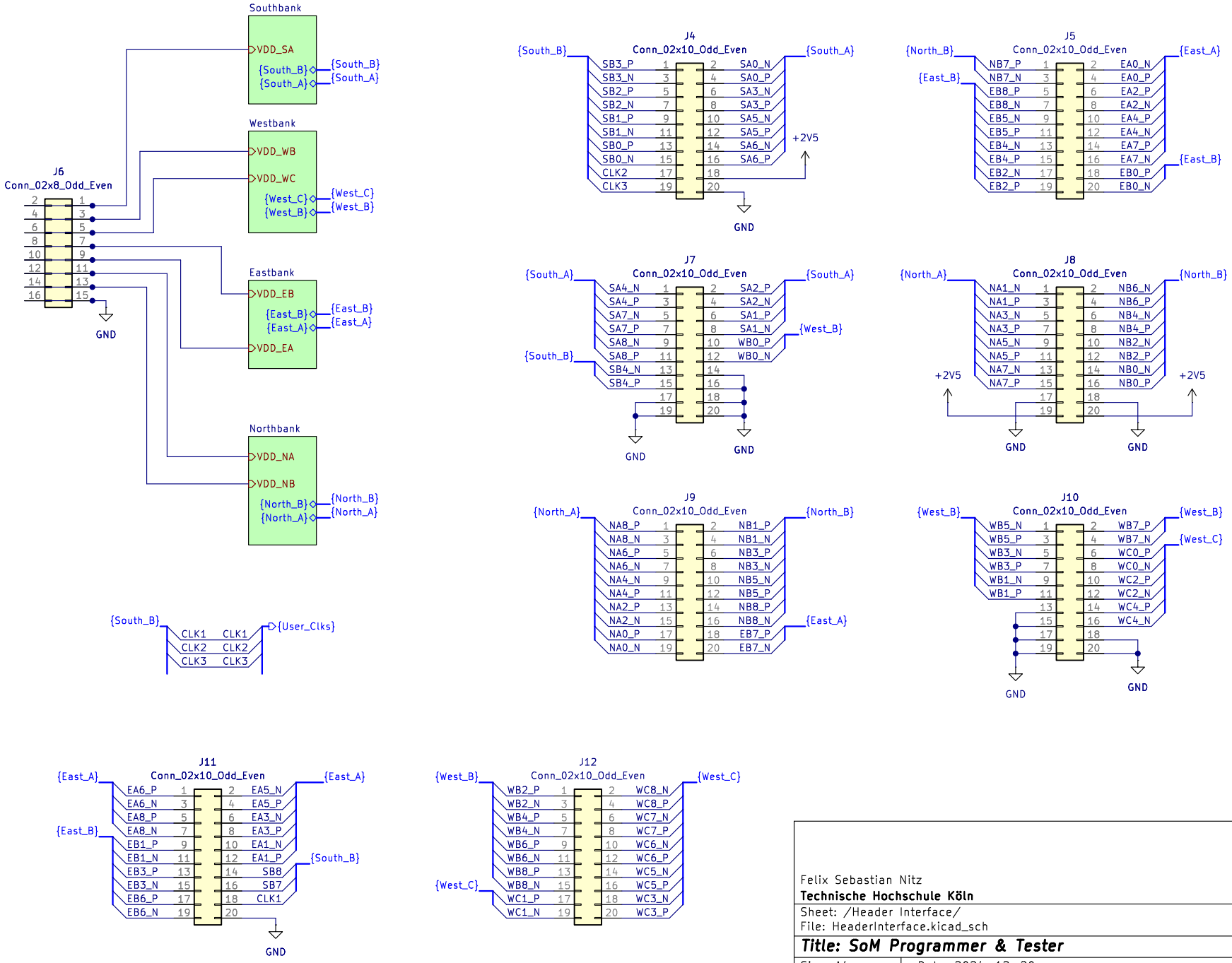
Sheet: /
File: SoMProgrammerNTester.kicad_sch

Title: SoM Programmer & Tester

Size: A4	Date: 2024-12-20	**Rev: 0.1**
KiCad E.D.A. 8.0.6		Id: 1/8



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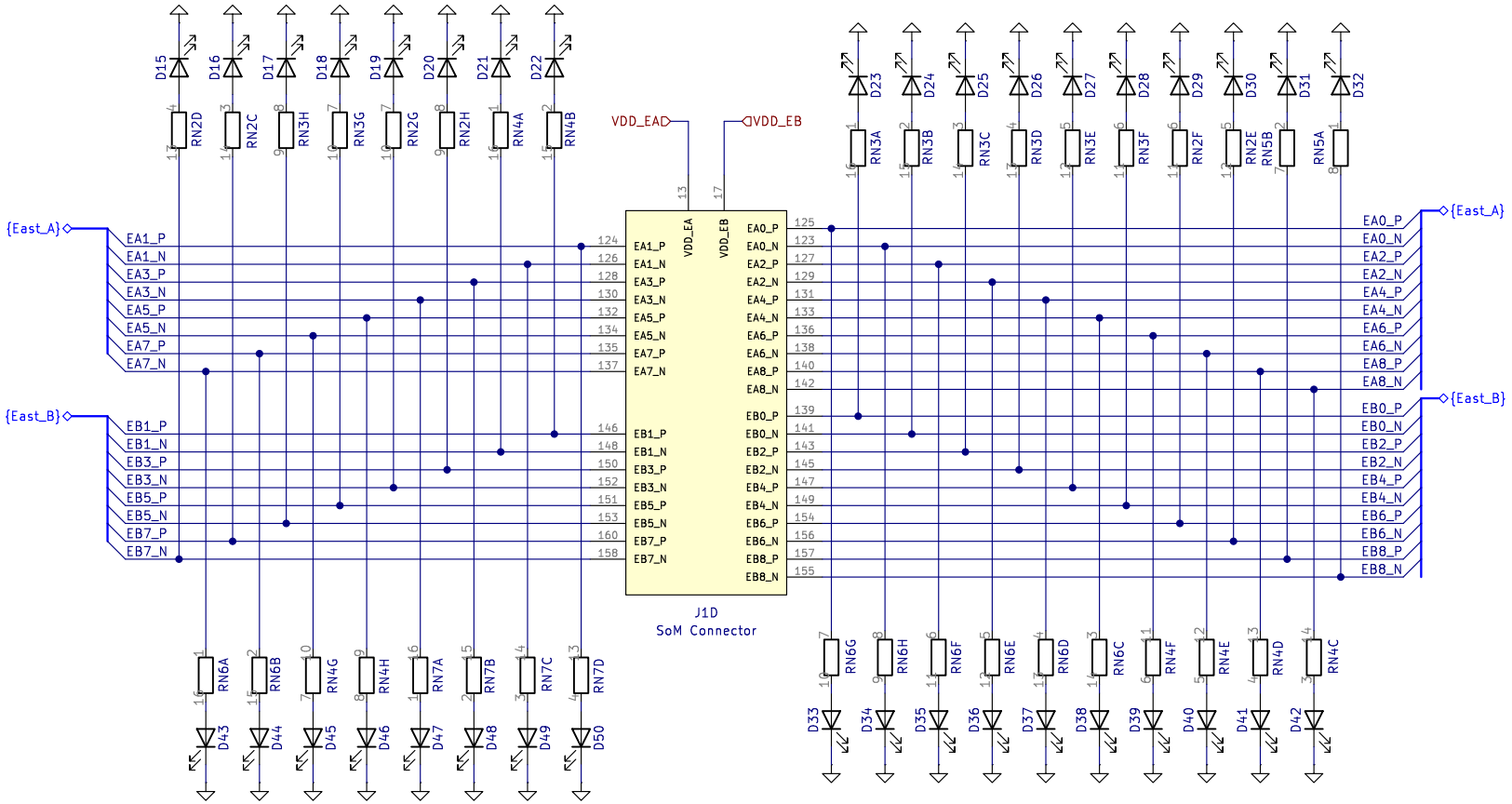
Technische Hochschule Köln

Sheet: /Header Interface/
File: HeaderInterface.kicad_sch

Title: SoM Programmer & Tester

Size: A4	Date: 2024-12-20	**Rev: 0.1**
KiCad E.D.A. 8.0.6		Id: 2/8



Resistor network values if not specified = 200R

Color if not specified = green

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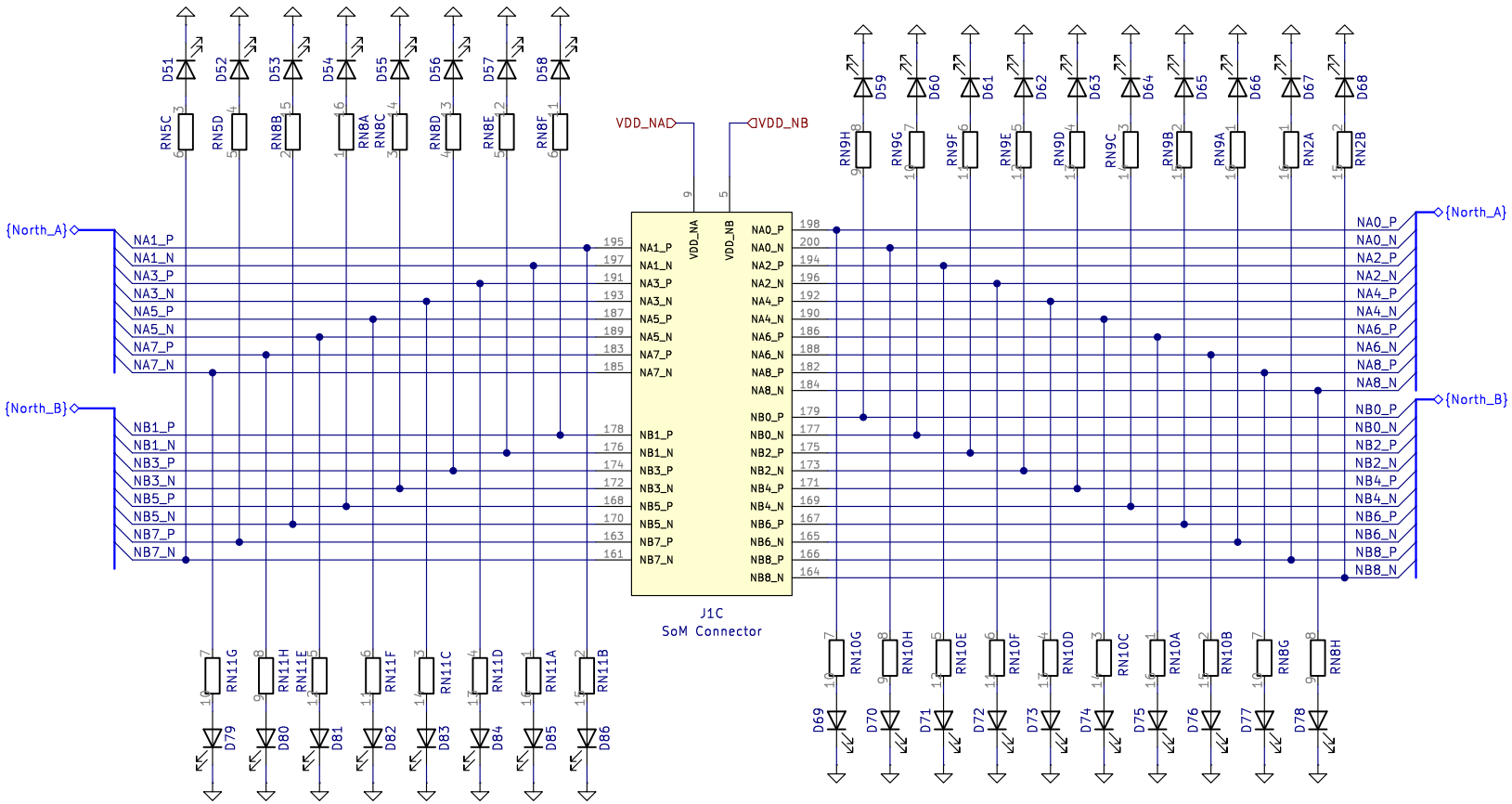
Technische Hochschule Köln

Sheet: /Header Interface/Eastbank/
File: Eastbank.kicad_sch

Title: SoM Programmer & Tester

Size: A4	Date: 2024-12-20	**Rev: 0.1**
KiCad E.D.A. 8.0.6		Id: 3/8



Resistor network values if not specified = 200R

Color if not specified = green

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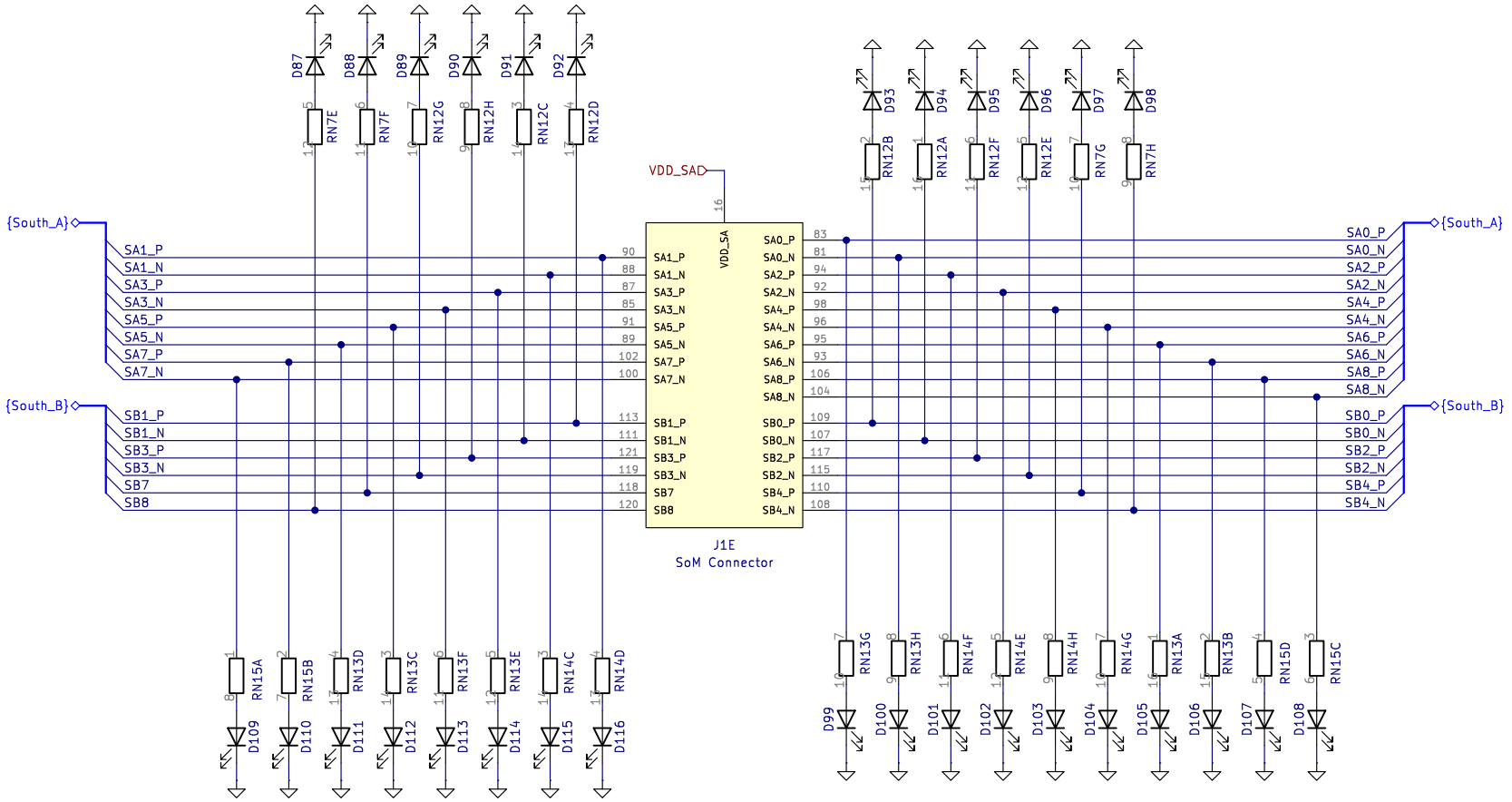
Technische Hochschule Köln

Sheet: /Header Interface/Northbank/
File: Northbank.kicad_sch

Title: SoM Programmer & Tester

Size: A4	Date: 2024-12-20	**Rev: 0.1**
KiCad E.D.A. 8.0.6		Id: 4/8



Resistor network values if not specified = 200R

Color if not specified = green

Felix Sebastian Nitz

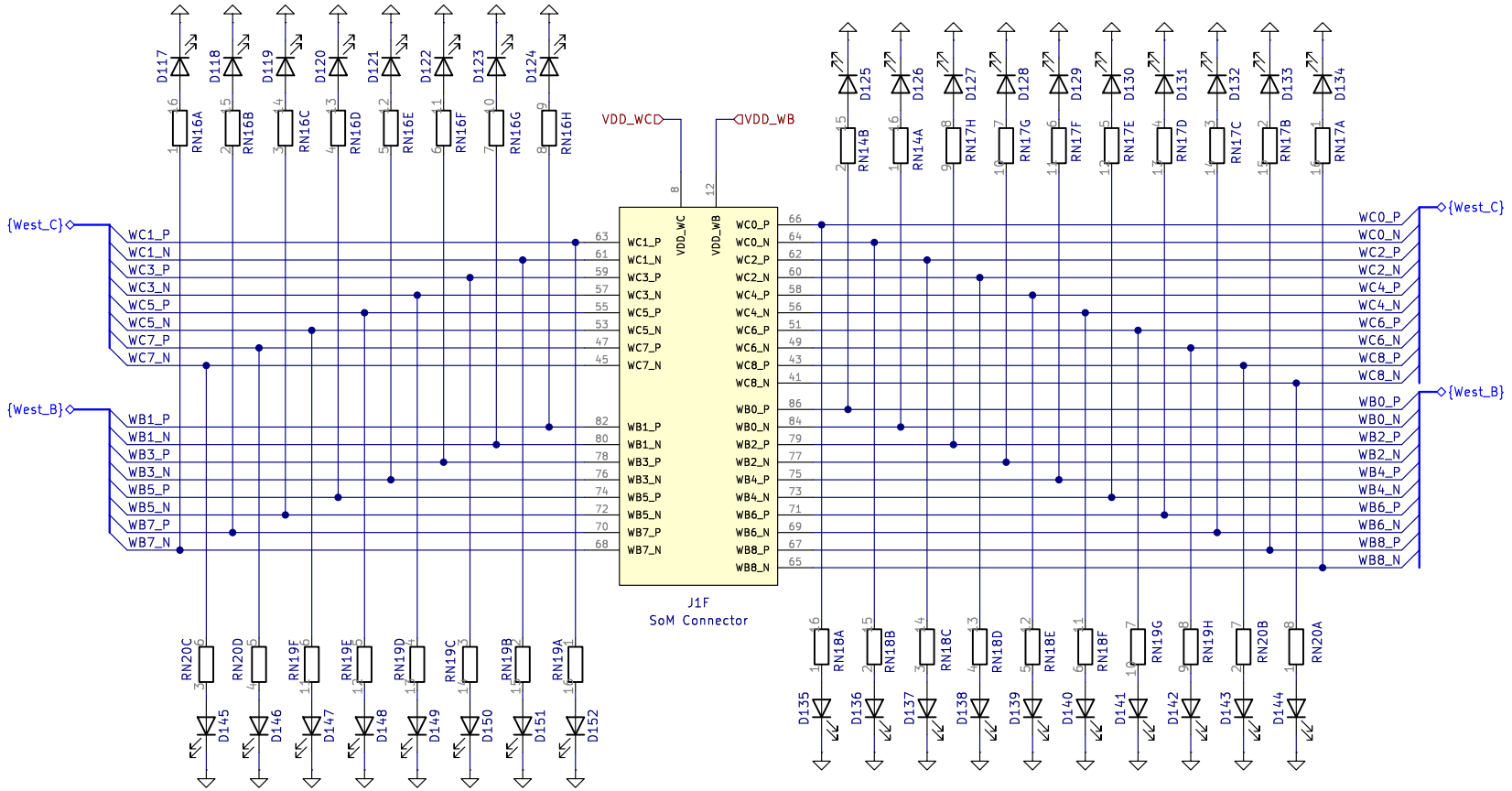
Technische Hochschule Köln

Sheet: /Header Interface/Southbank/

File: Southbank.kicad_sch

Title: SoM Programmer & Tester

Size: A4	Date: 2024-12-20	**Rev: 0.1**
KiCad E.D.A. 8.0.6		Id: 5/8



Resistor network values if not specified = 200R

Color if not specified = green

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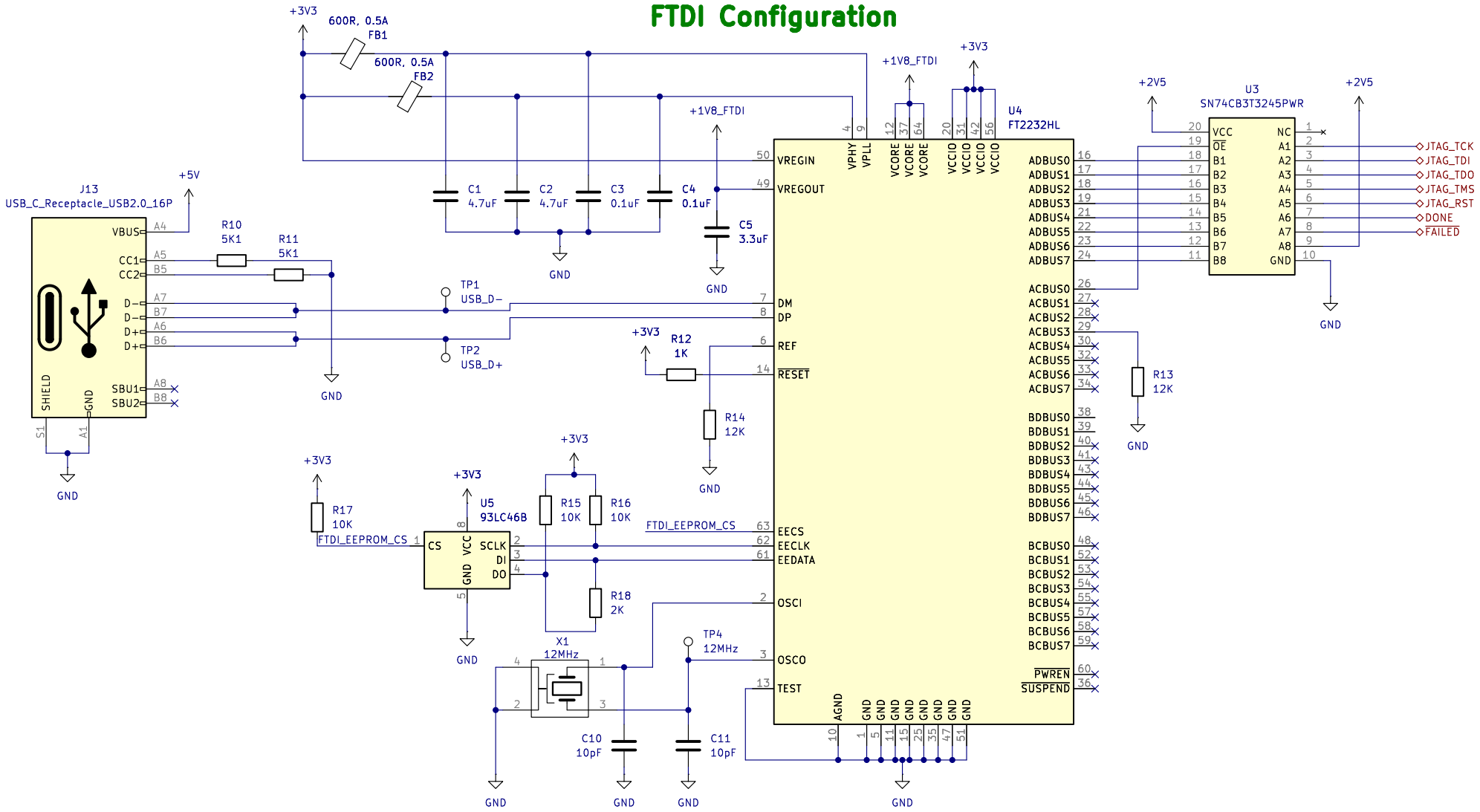
Technische Hochschule Köln

Sheet: /Header Interface/Westbank/
File: Westbank.kicad_sch

Title: SoM Programmer & Tester

Size: A4	Date: 2024-12-20	**Rev: 0.1**
KiCad E.D.A. 8.0.6		Id: 6/8

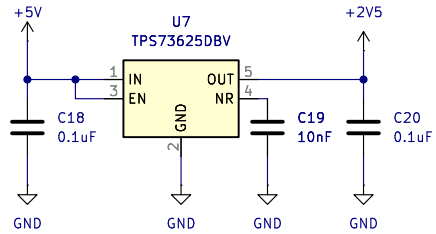


Felix Sebastian Nitz
Technische Hochschule Köln
Sheet: /FTDI/
File: FTDI.kicad_sch

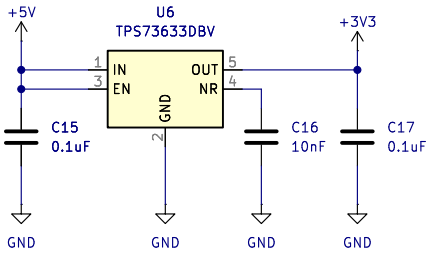
Title: SoM Programmer & Tester

Size: A4	Date: 2024-12-20	**Rev: 0.1**
KiCad E.D.A. 8.0.6		Id: 7/8

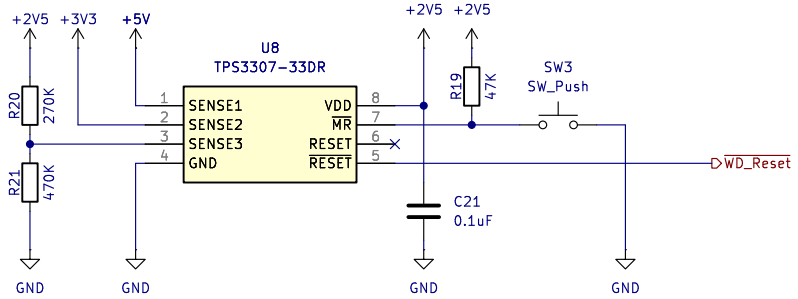
2.5V Regulator



3.3V Regulator



Supervisory Circuit with manual reset



Author	Felix Sebastian Nitz
	Technische Hochschule Köln
Sheet	/Power supply/
File	PowerSupply.kicad_sch
Title	***Title: SoM Programmer & Tester***
Size	A4
Date	2024-12-20
Rev	**0.1**
KiCad E.D.A.	8.0.6
Id	8/8