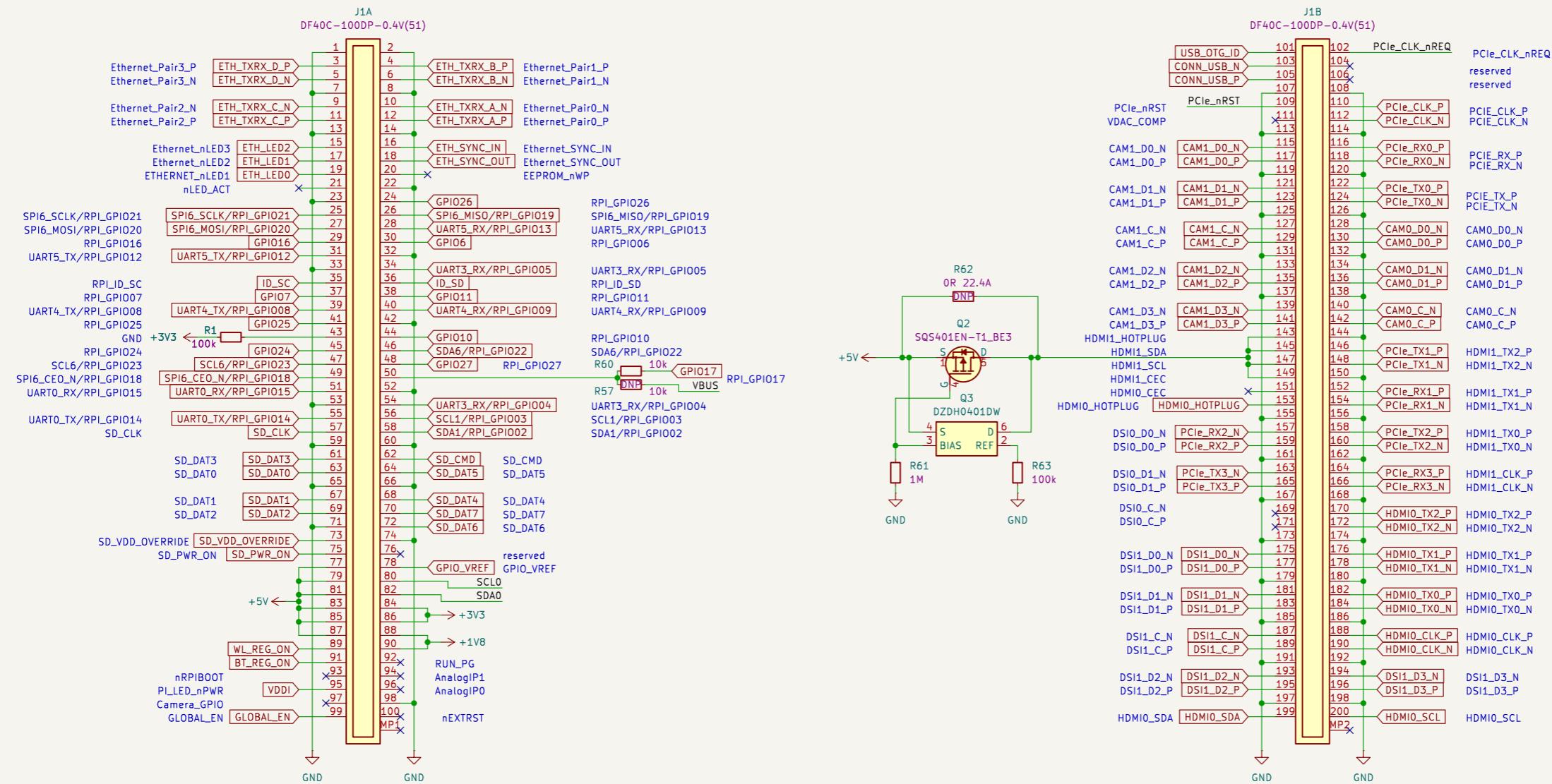
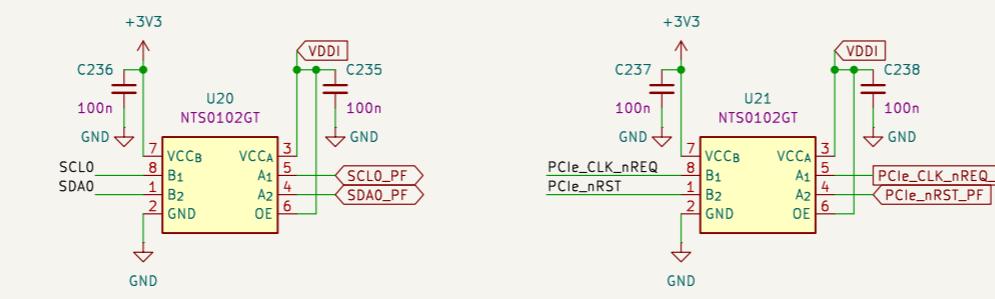


- Logo N1 antmicro_logo
- Logo N2 oshw_logo
- x1 MP1 MP_Pad5.4mm_Drill2.7mm
- x1 MP2 MP_Pad5.4mm_Drill2.7mm
- x1 MP3 MP_Pad5.4mm_Drill2.7mm
- x1 MP4 MP_Pad5.4mm_Drill2.7mm

CM4 compatible connectors



LEVEL SHIFTERS



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Sheet: /Connectors/

File: connectors.kicad_sch

Title: PolarFire SoM

Size: A3 Date: 2024-02-19

KiCad E.D.A. kicad-cl 7.0.10+1

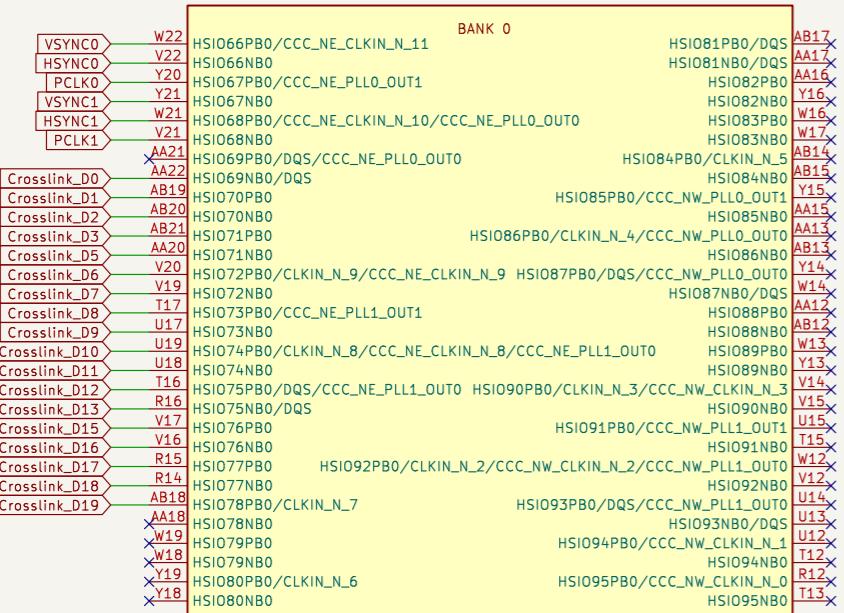
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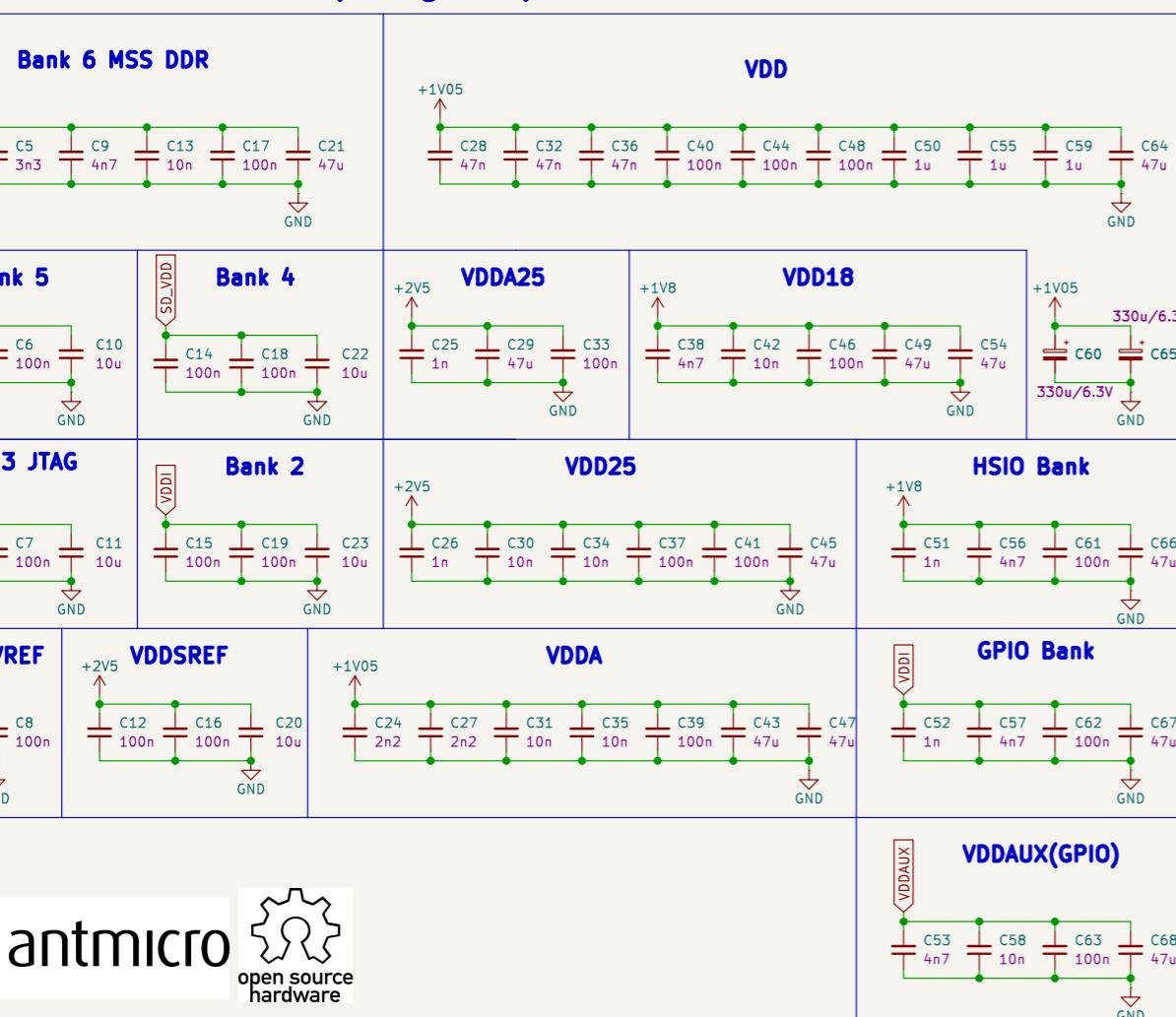




U1A
MPFS250T-FCVG484

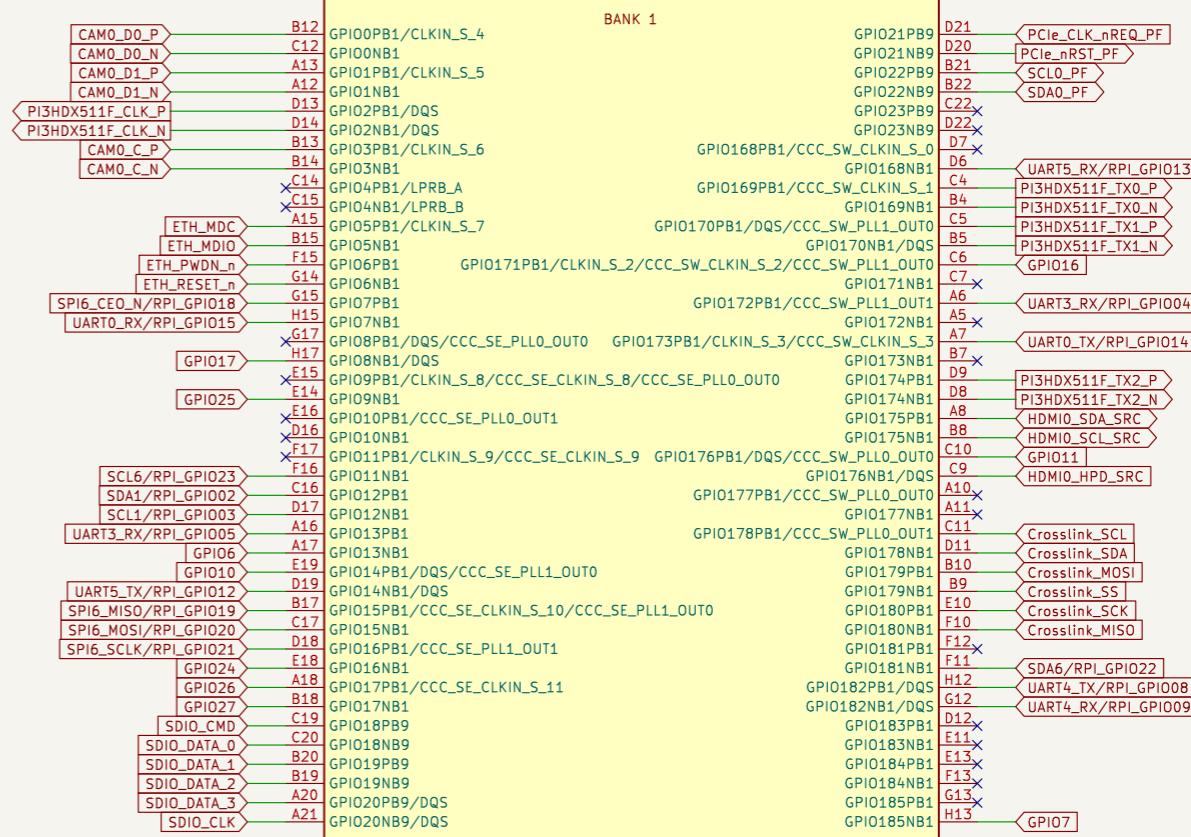


Decoupling capacitors

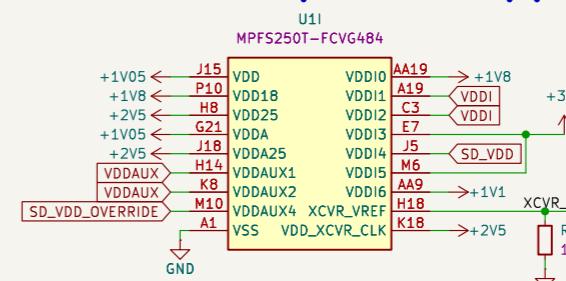


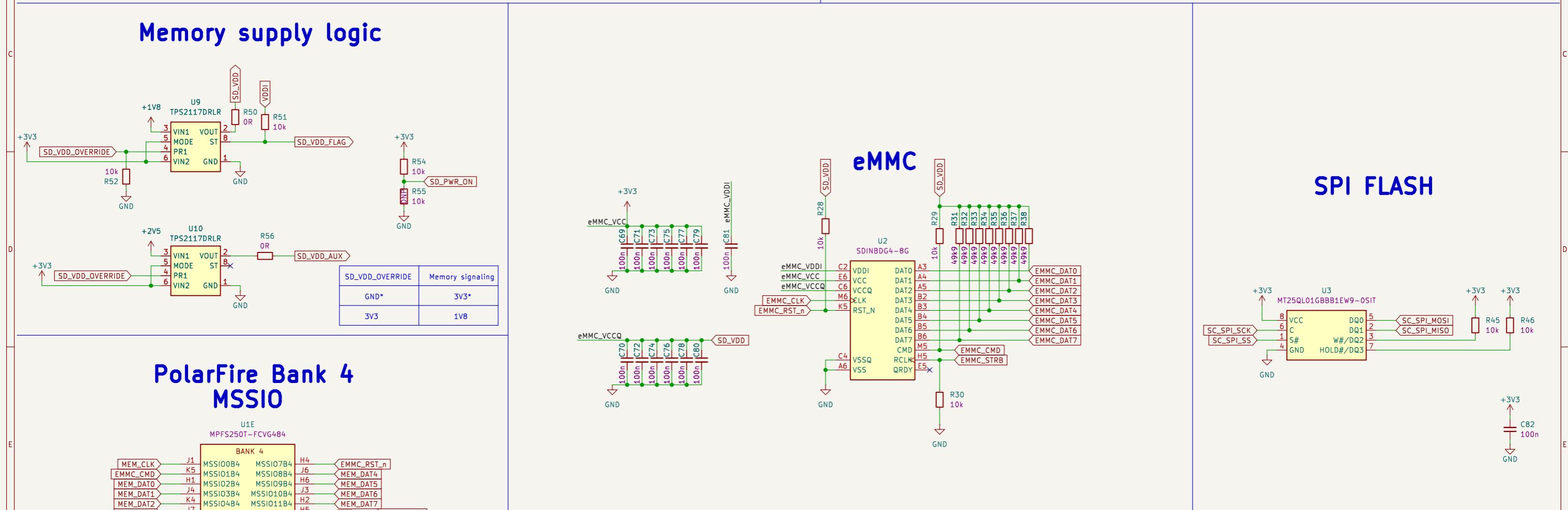
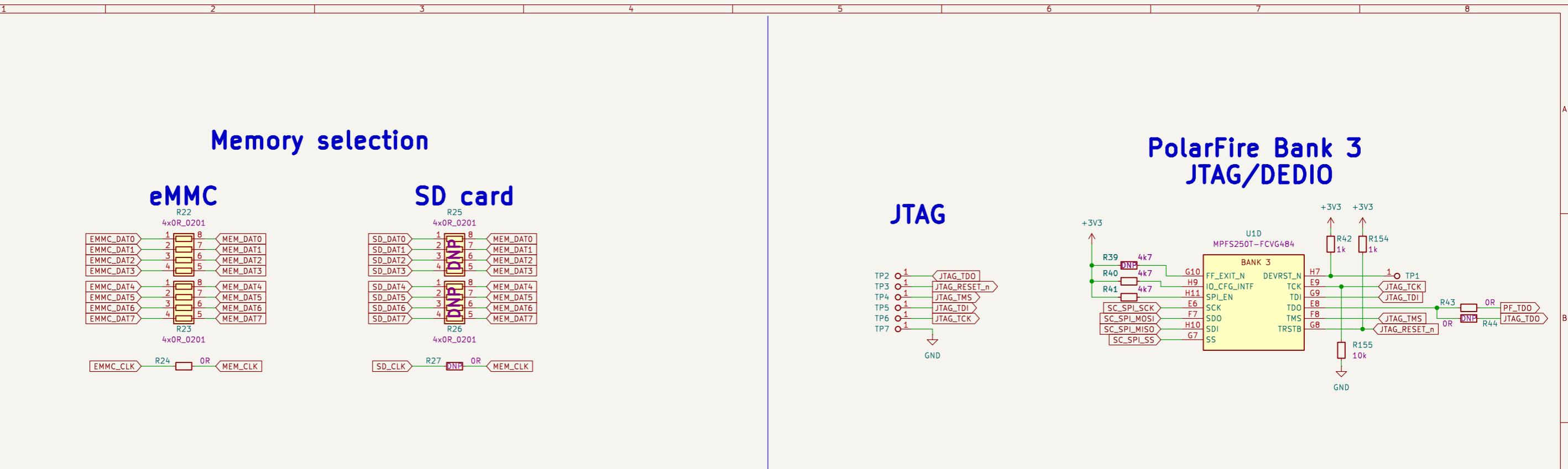
PolarFire Bank 1 GPIO

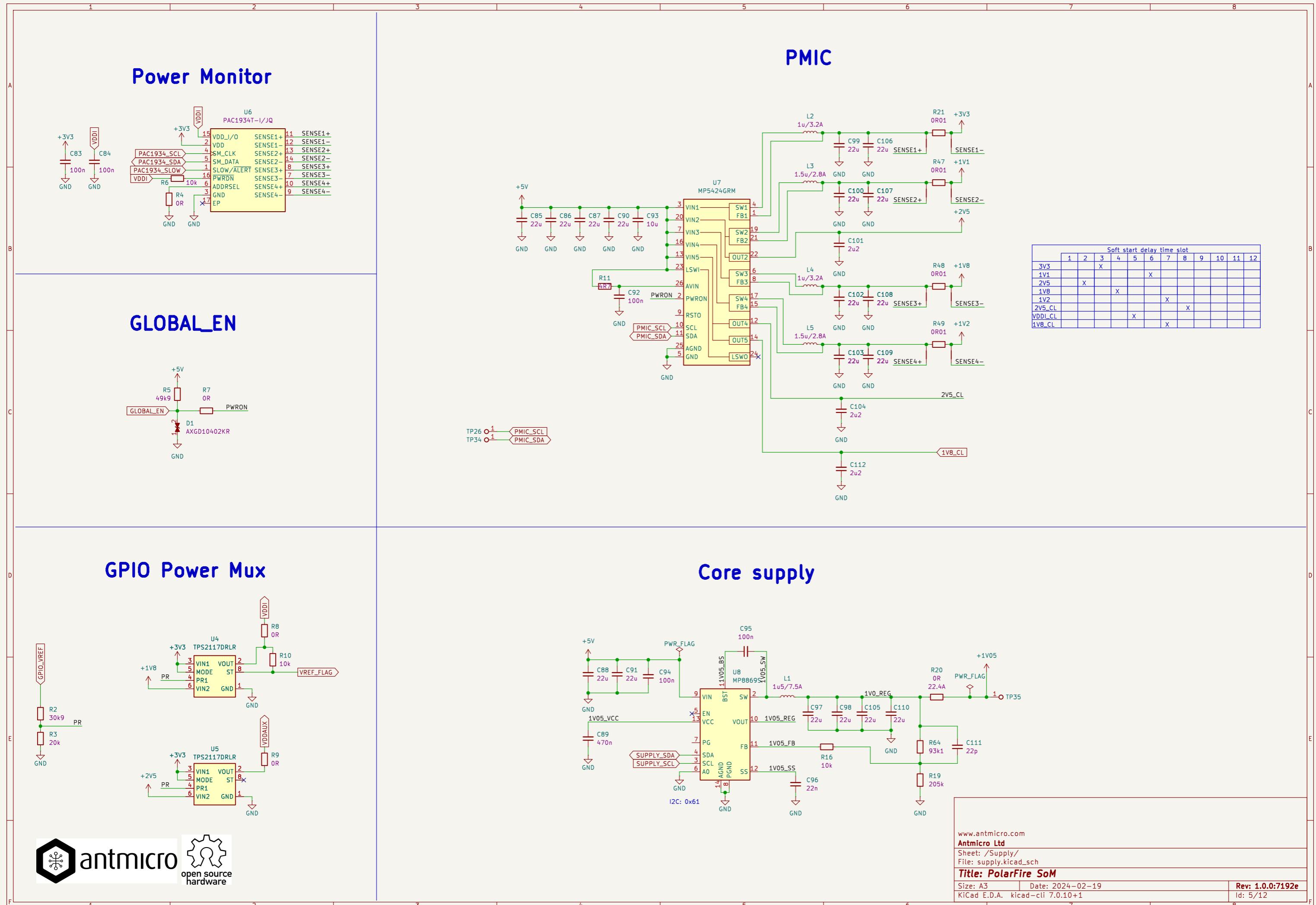
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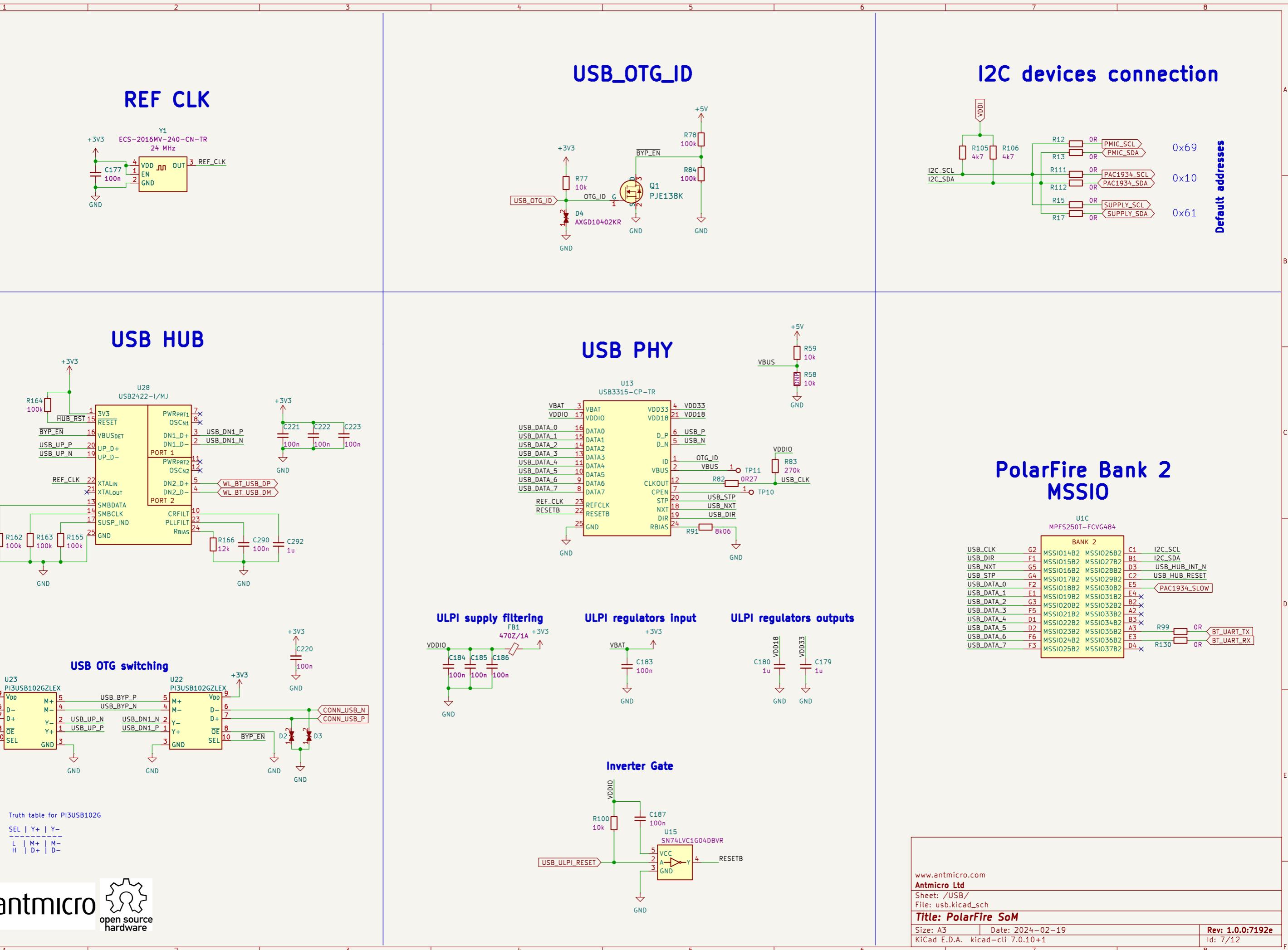


PolarFire power supply









A

A

B

B

C

C

D

D

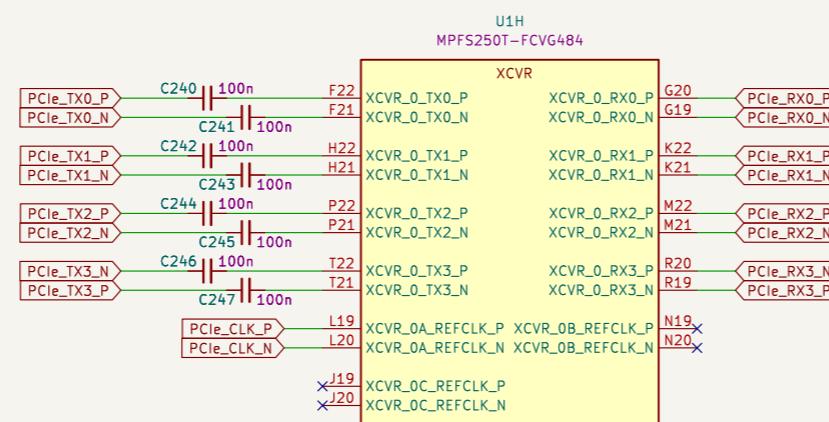
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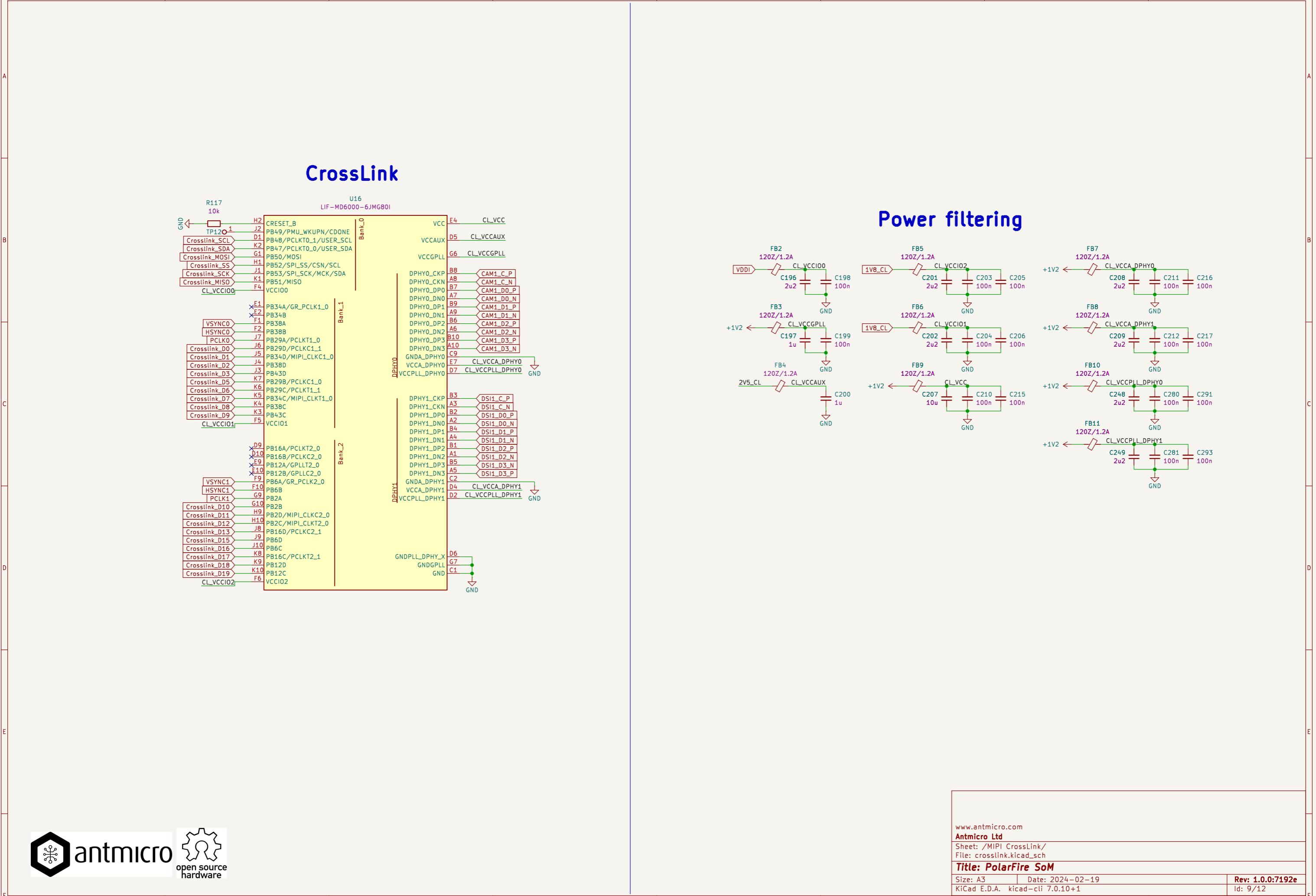
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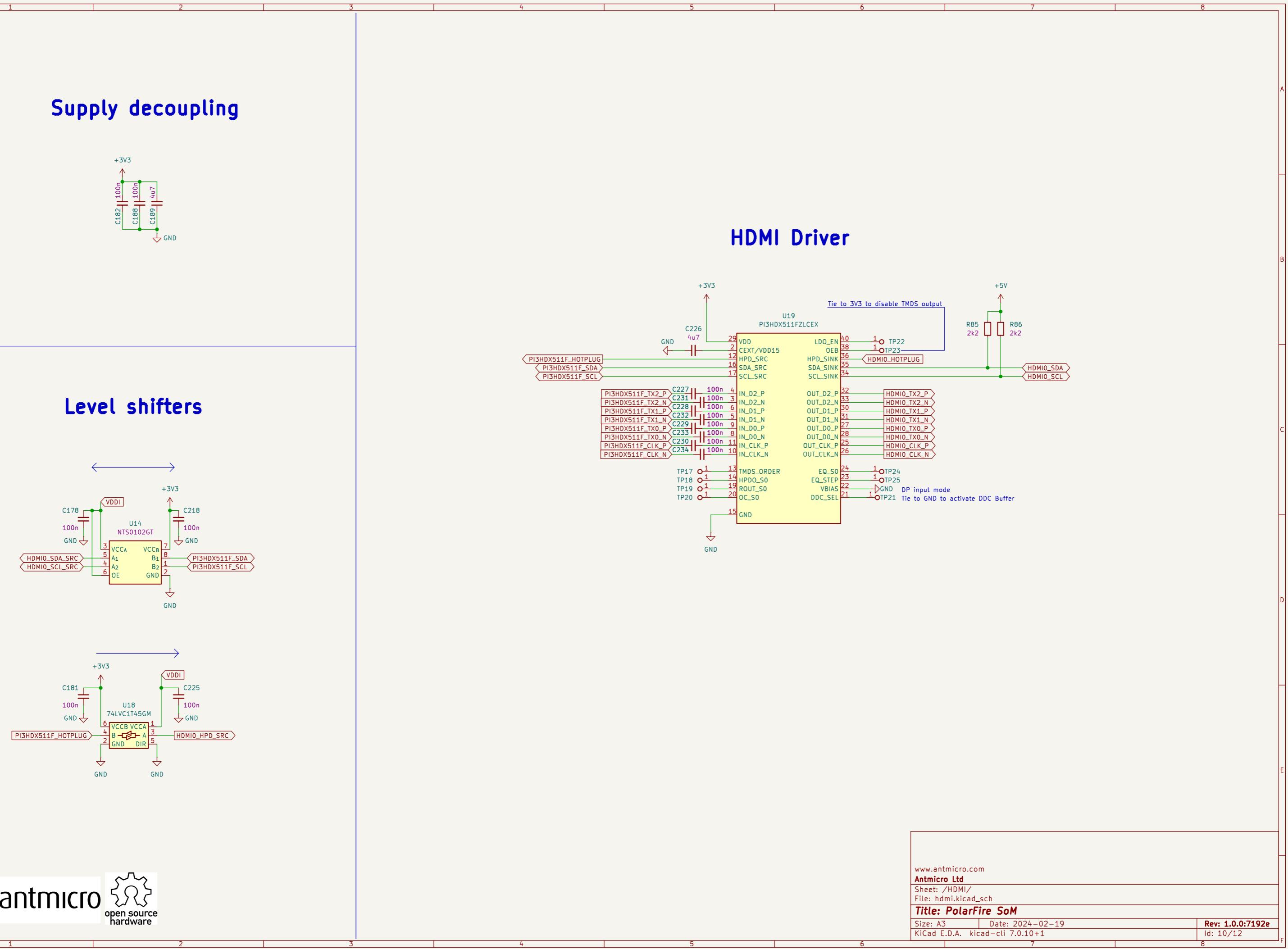
F

F

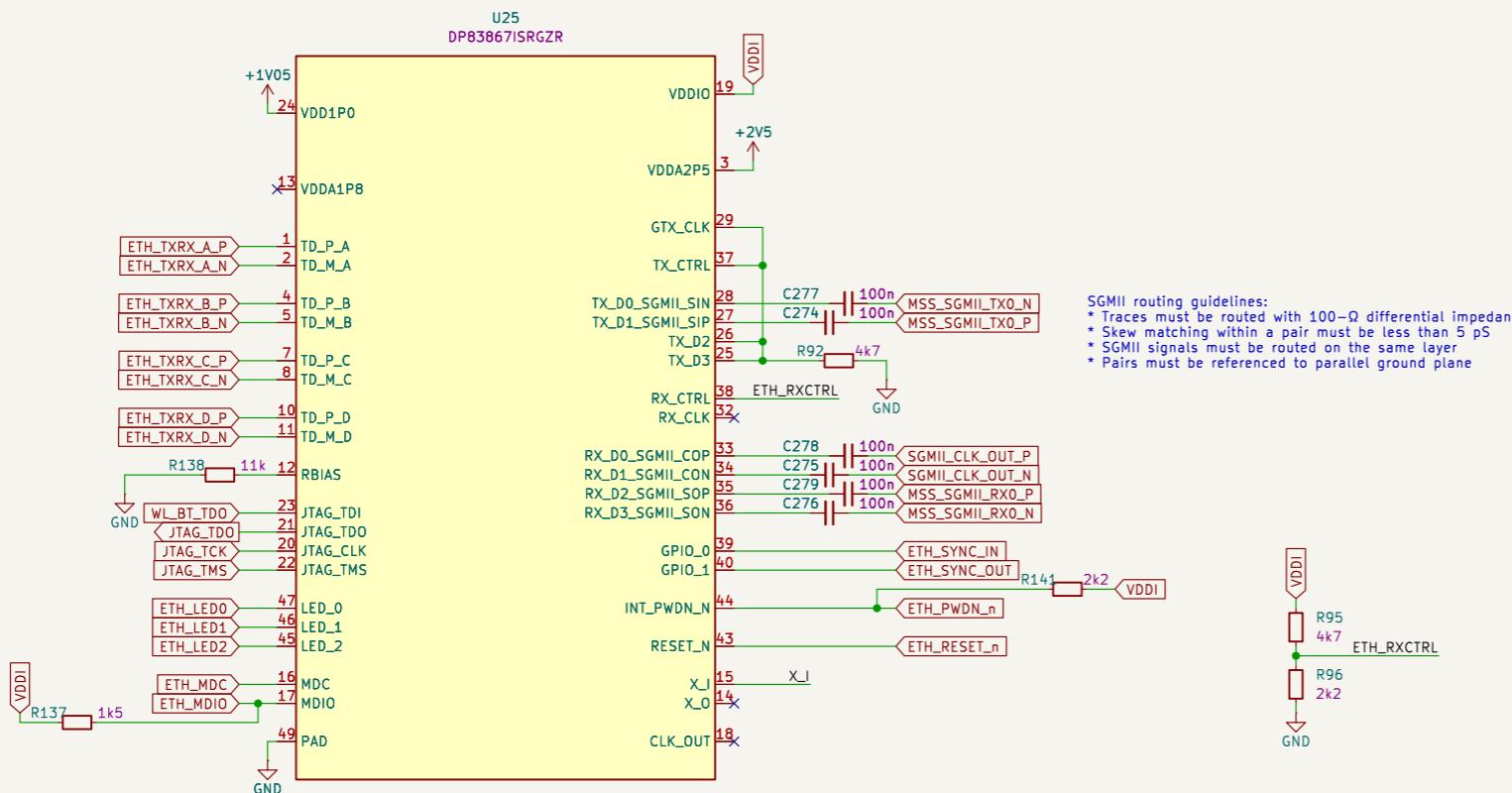
PolarFire Transceivers



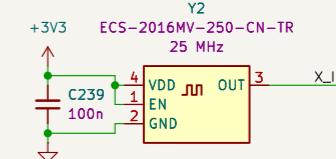




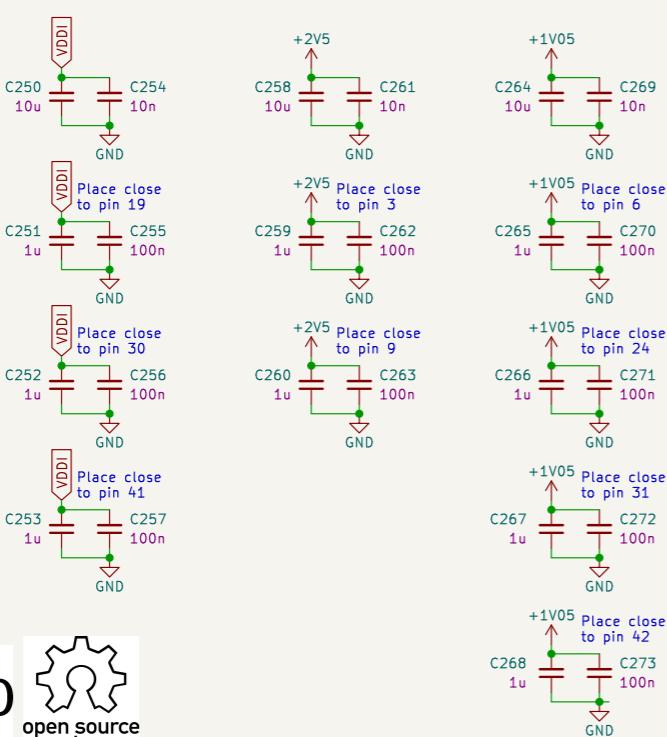
Gigabit Ethernet PHY transceiver with SGMII



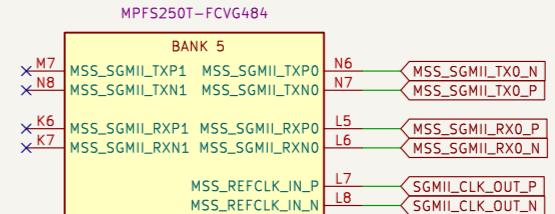
Clock



Decoupling capacitors

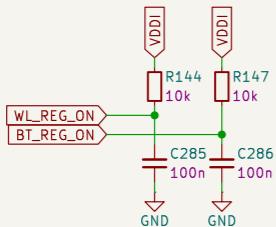


PolarFire Bank 5 MSS_SGMII

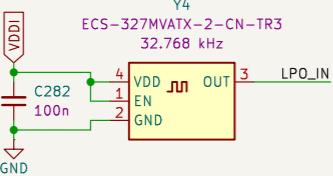


1 2 3 4 5 6 7 8

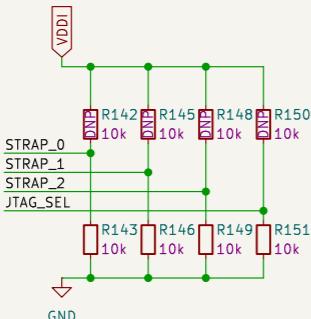
WL and BT Enable



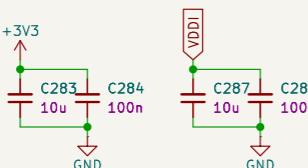
Sleep clock



Config



Decoupling



WiFi and Bluetooth Module

