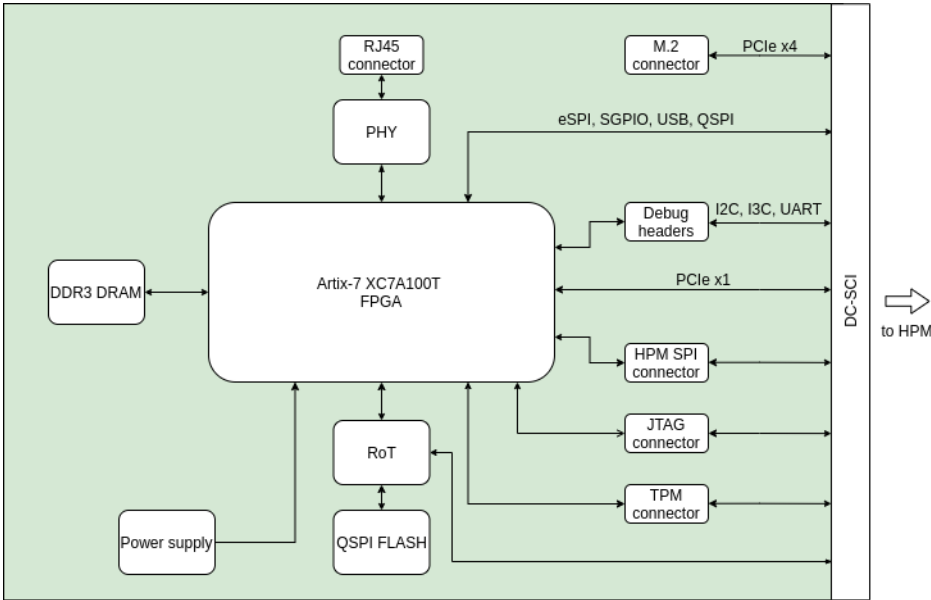


Artix – Datacenter Secure Control Module (DC-SCM)



Ethernet



File: ethernet.kicad_sch

PCIe-connector



File: pcie-conn.kicad_sch

RoT



File: rot.kicad_sch

Edge connector



File: edge-connector.kicad_sch

Interfaces



File: interfaces.kicad_sch

DDR3



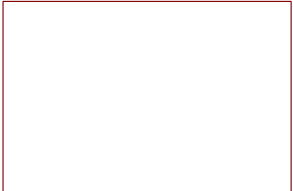
File: ddr3.kicad_sch

Power supply



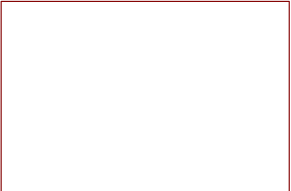
File: power-supply.kicad_sch

FPGA power supply



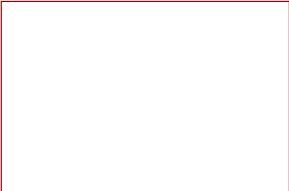
File: fpga-power-supply.kicad_sch

FPGA banks 13-16



File: fpga-banks-13-16.kicad_sch

FPGA banks 34-35 & CFG



File: fpga-banks-34-25-cfg.kicad_sch

Sheet: /
File: artix-dc-scm.kicad_sch

Title: Artix – Datacenter Secure Control Module (DC-SCM)

Size: A4 Date: 2023-08-09

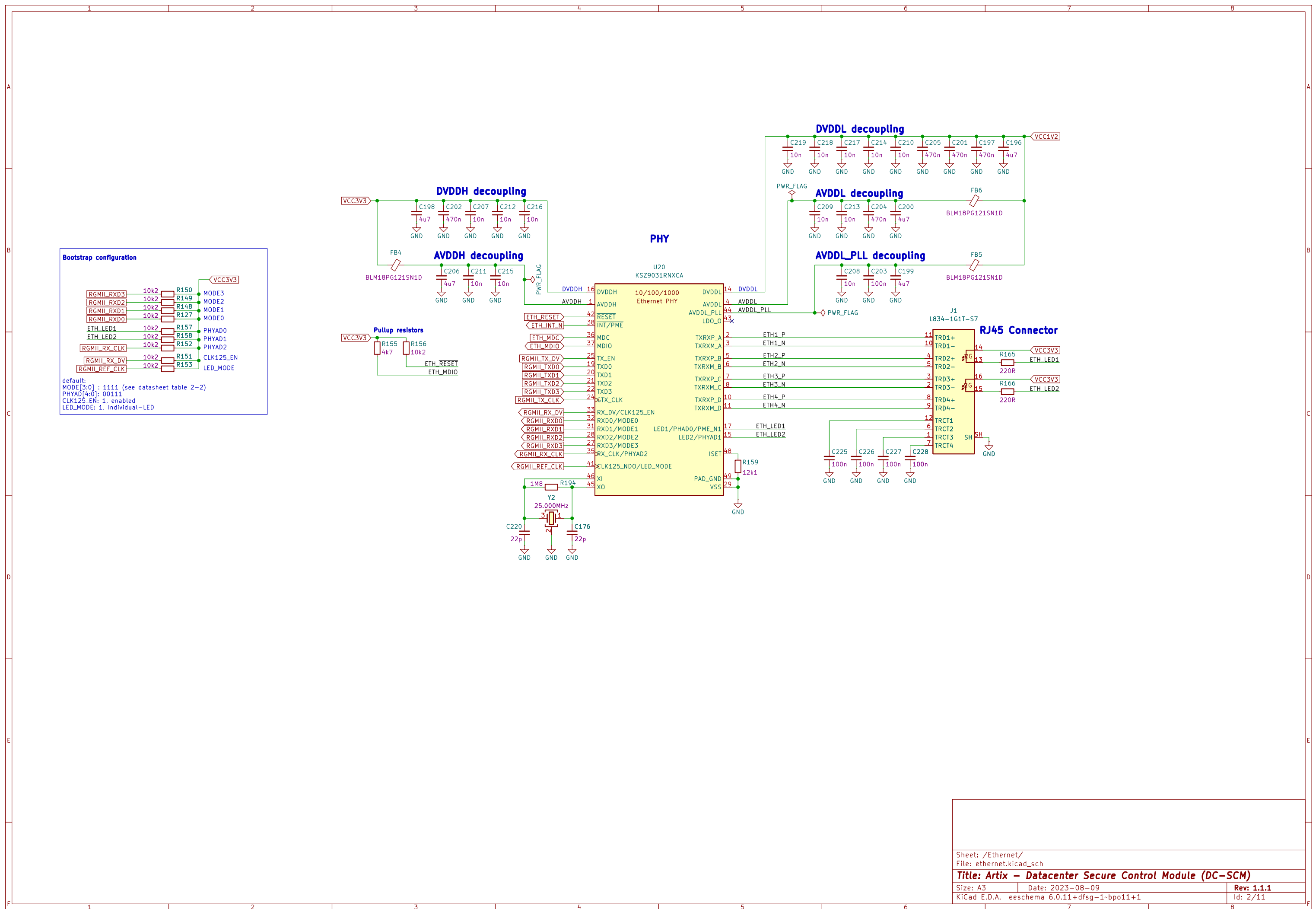
KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1

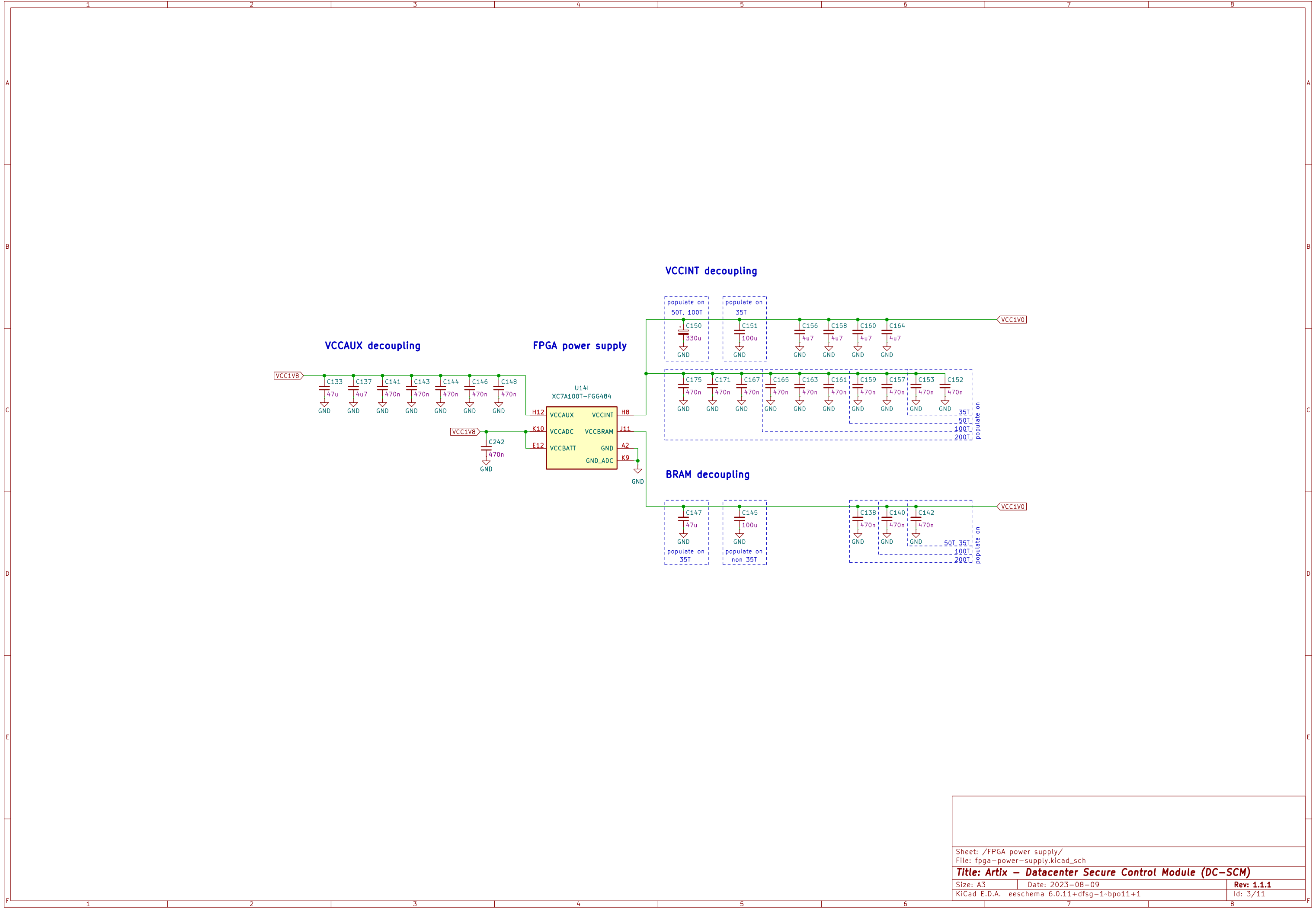
Rev: 1.1.1

Id: 1/11

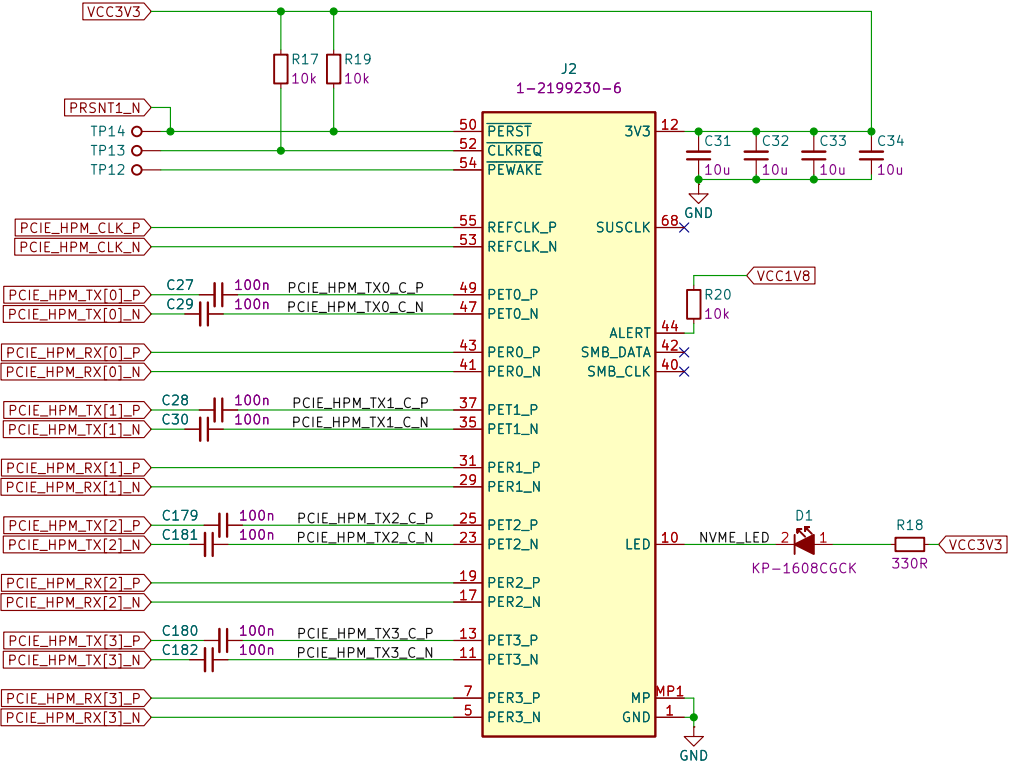
MP1
PCB_Mount_Hole_2.9_5.5

MP2
PCB_Mount_Hole_2.9_5.5

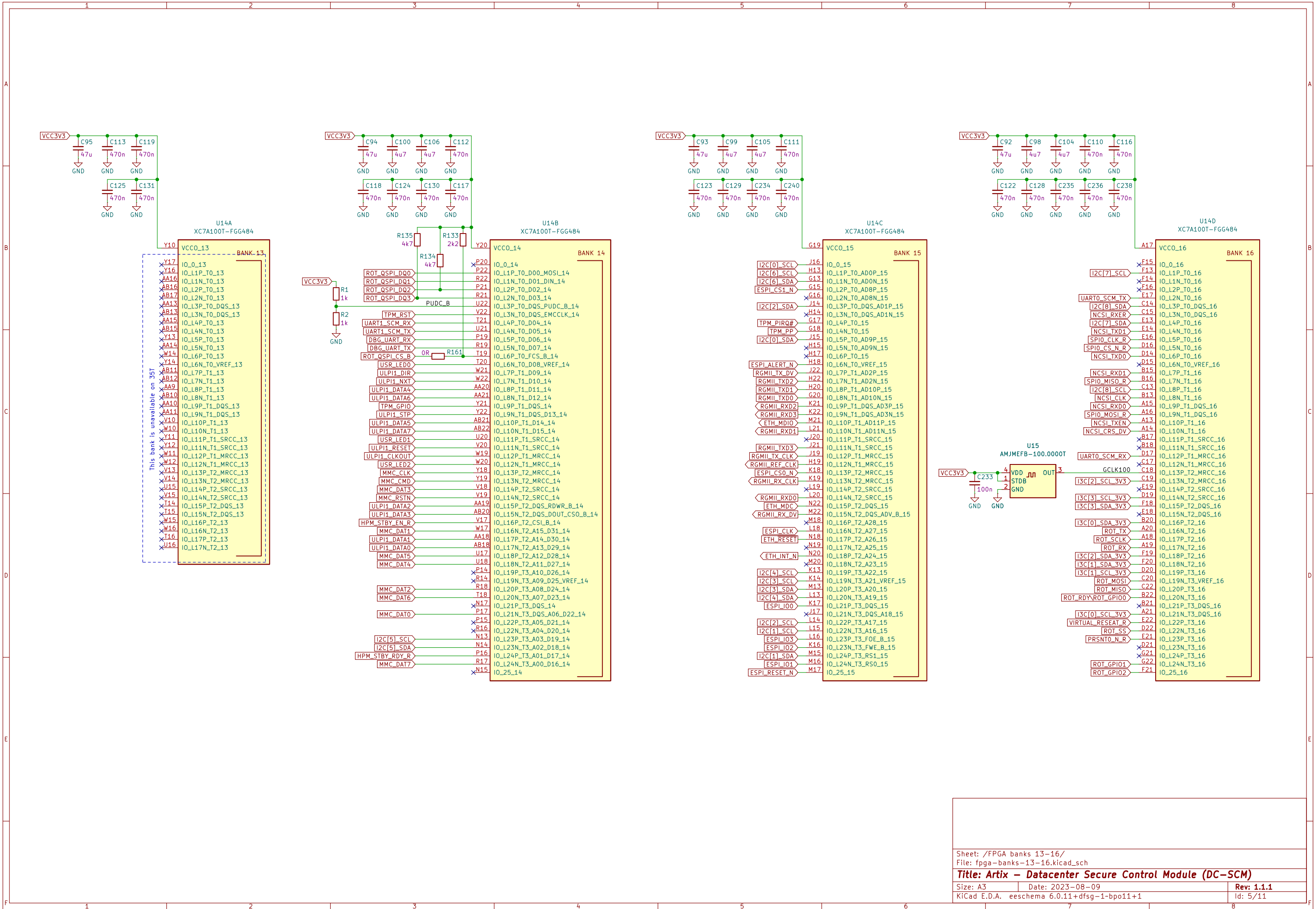




NVMe SSD

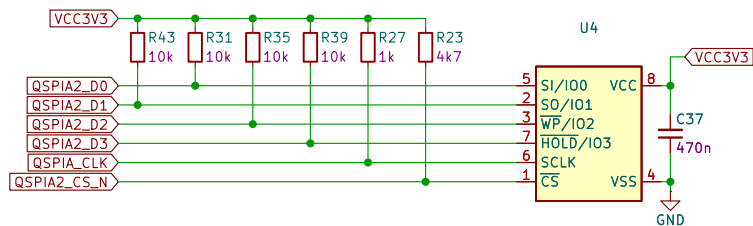
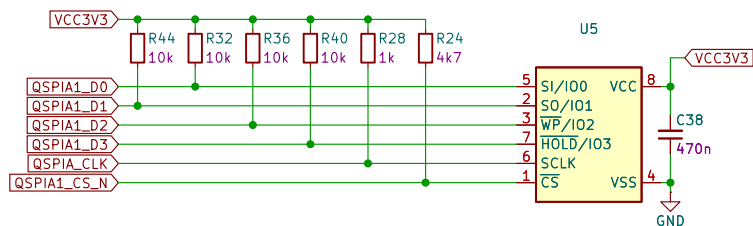


Sheet: /PCle-connector/ File: pcie-conn.kicad_sch		
Title: Artix – Datacenter Secure Control Module (DC-SCM)		
Size: A4	Date: 2023-08-09	Rev: 1.1.1
KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1		Id: 4/11



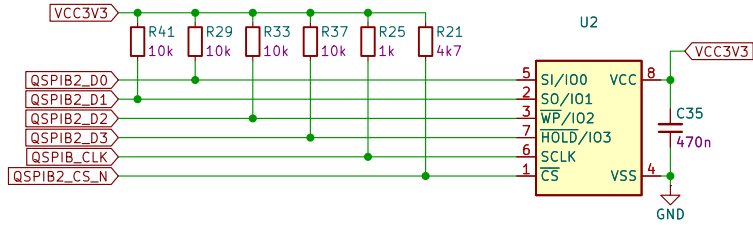
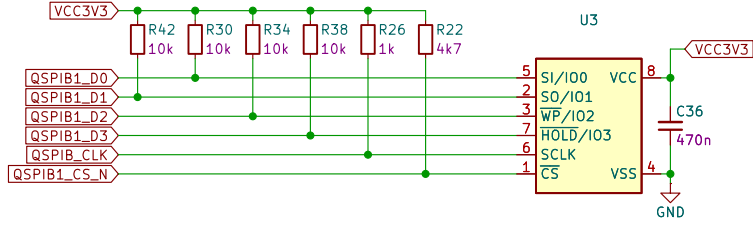
BIOS flash

One or typically two flash devices used to contain the BIOS firmware image

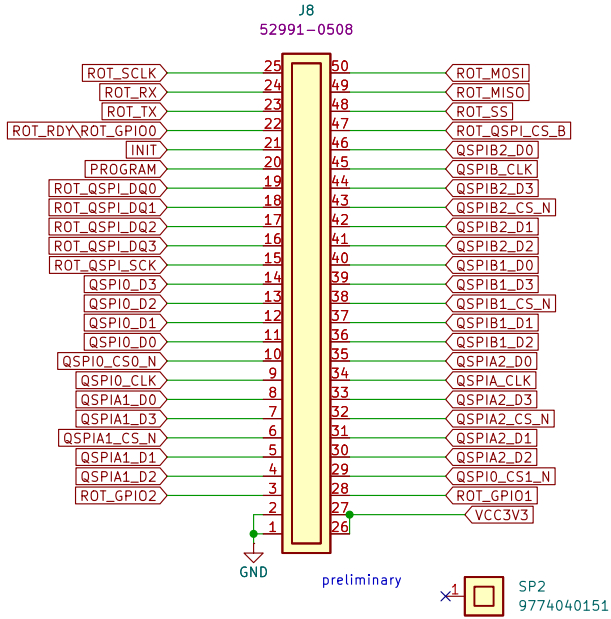


BMC flash

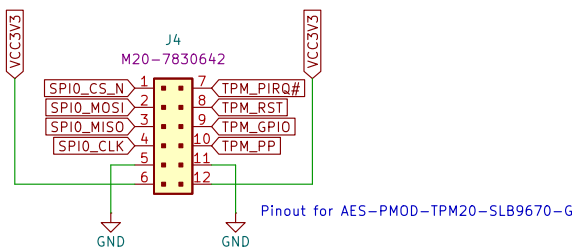
One or typically two flash devices used to contain the BMC firmware image

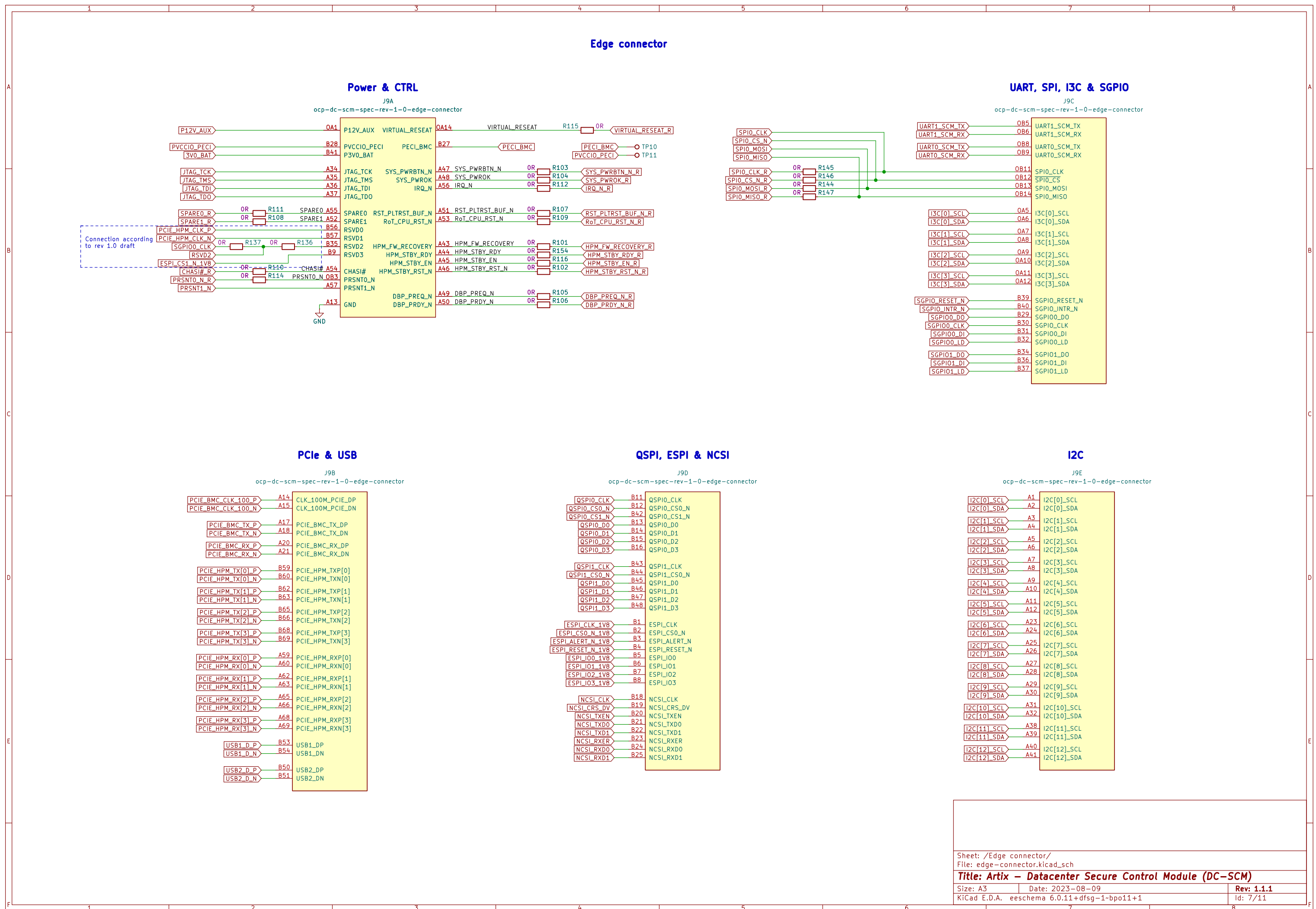


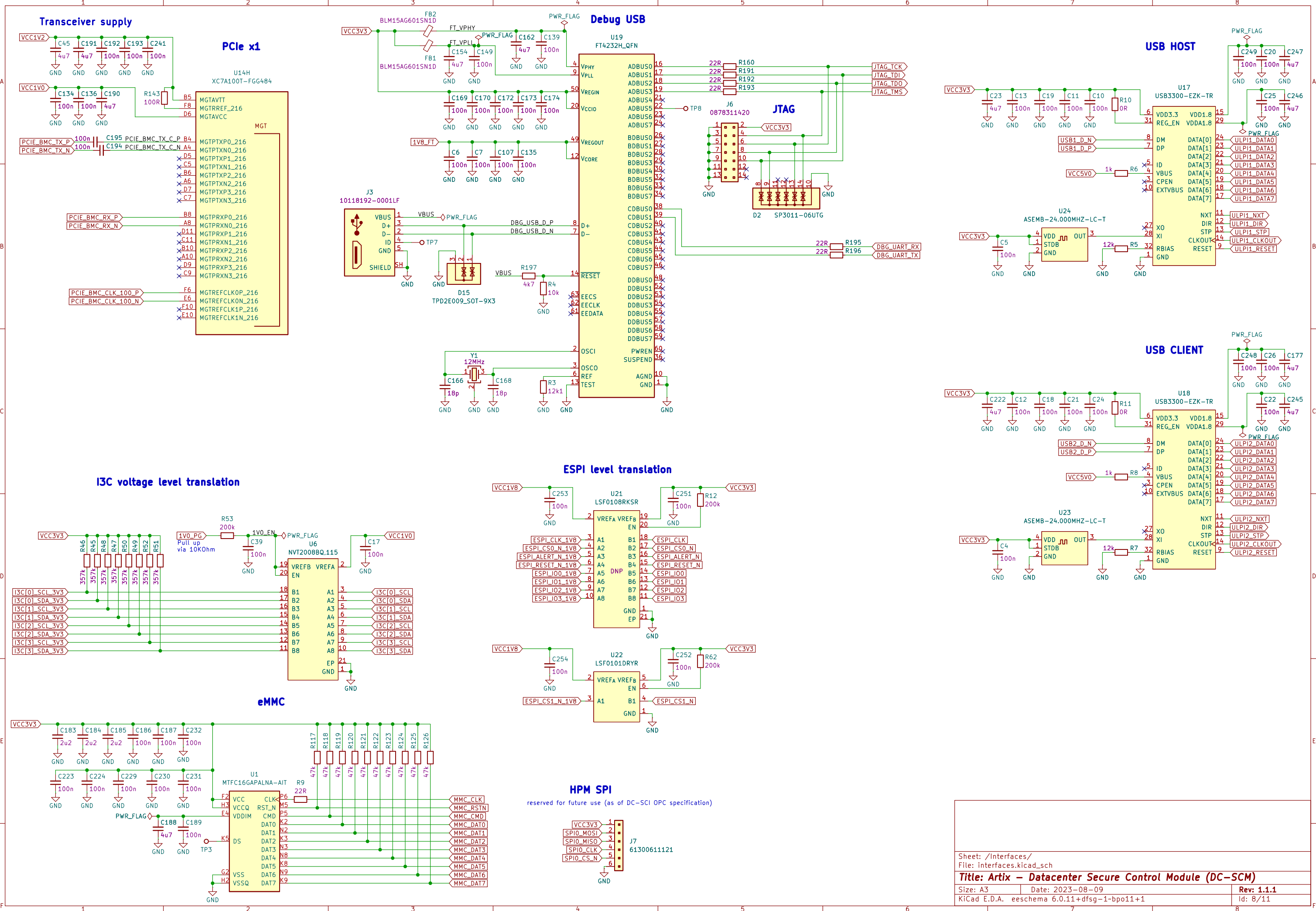
RoT module connector

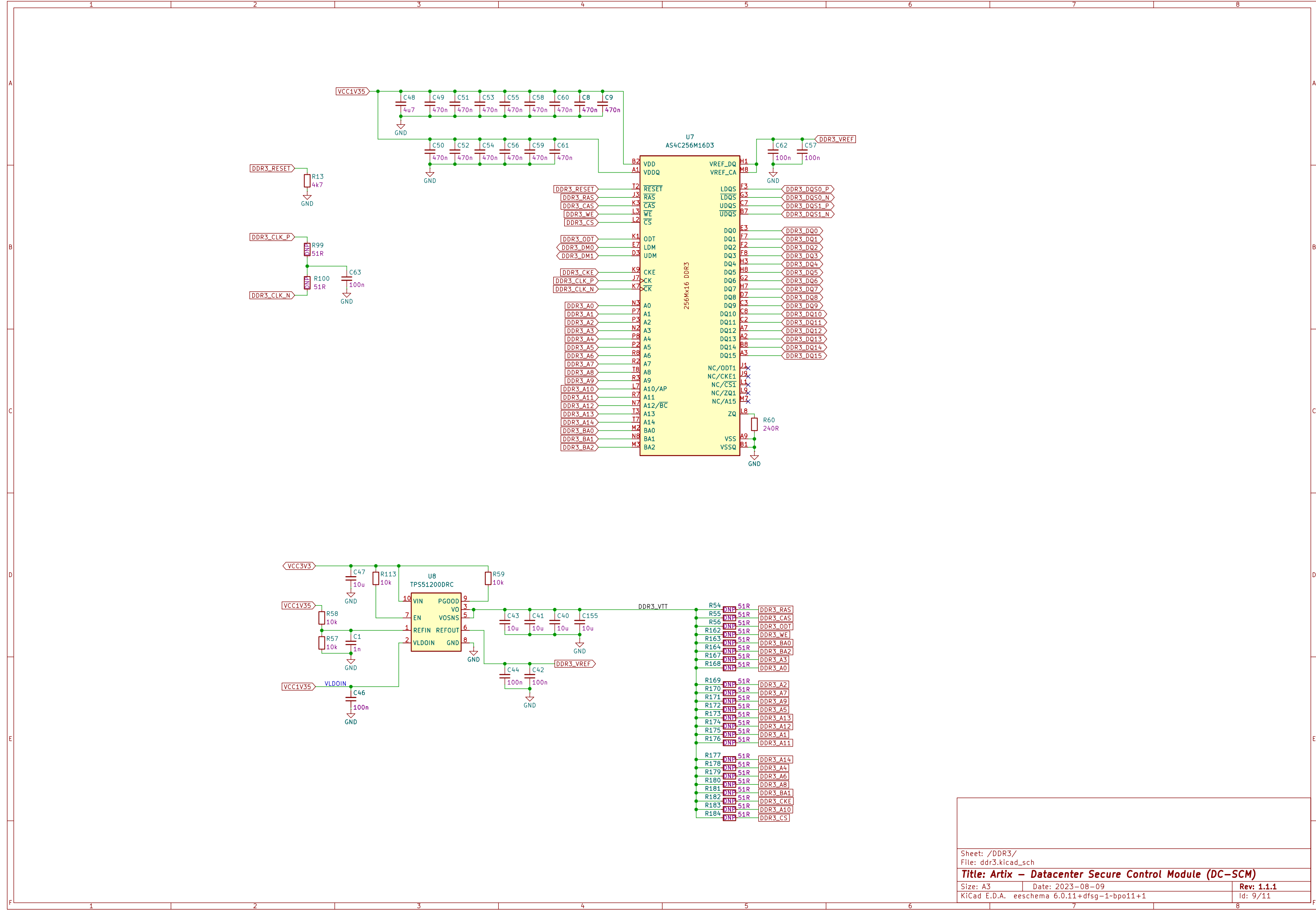


TPM connector

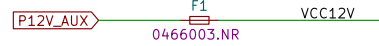




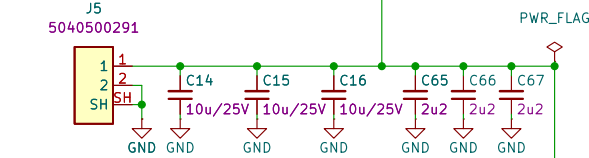




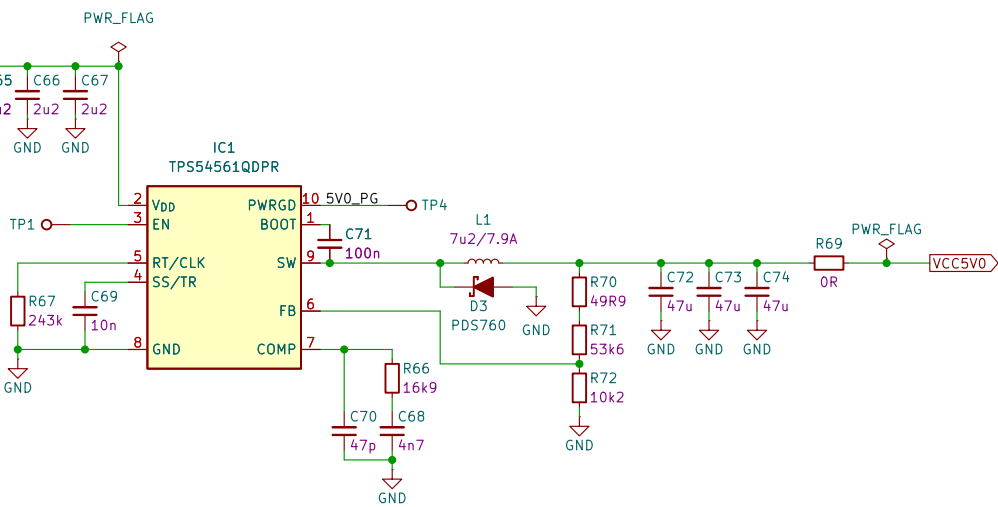
DC-SCM 12V supply



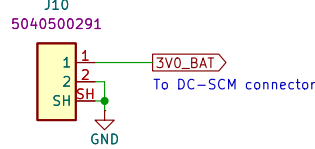
External 12V supply



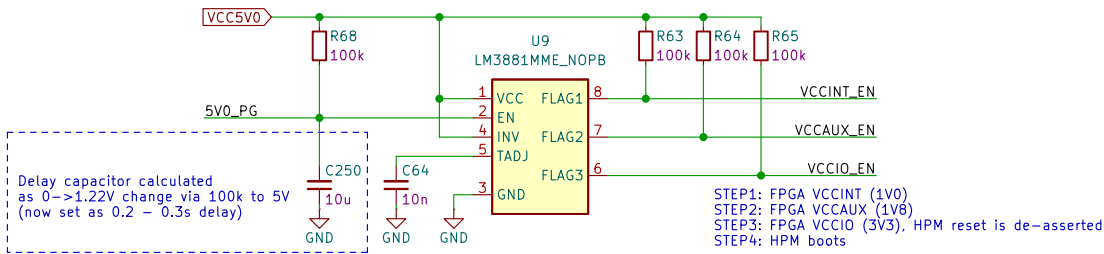
MainSupply (5V 5A)



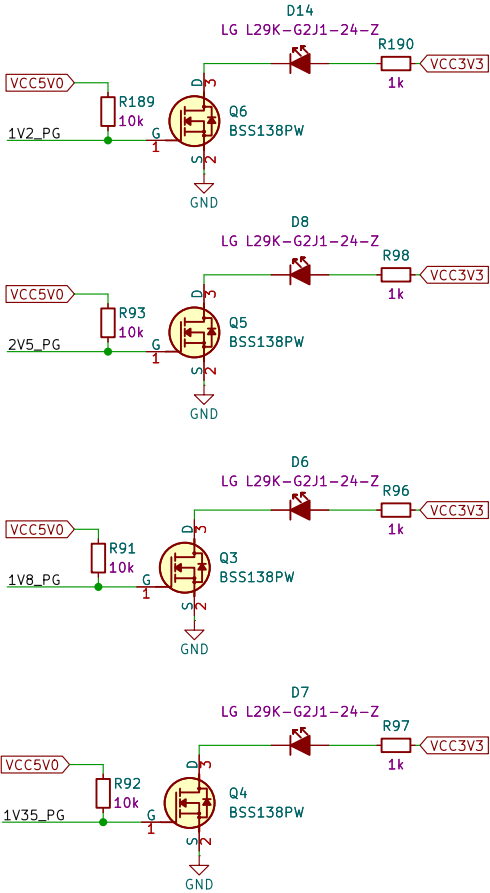
Battery connector



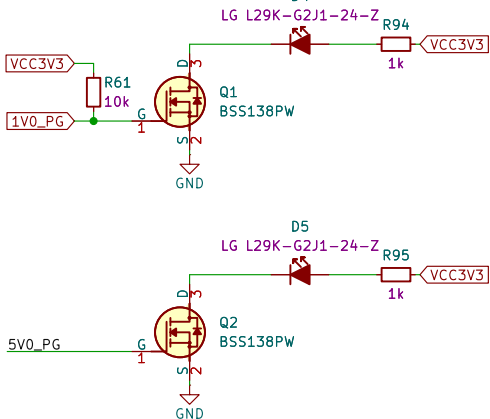
Power sequencer



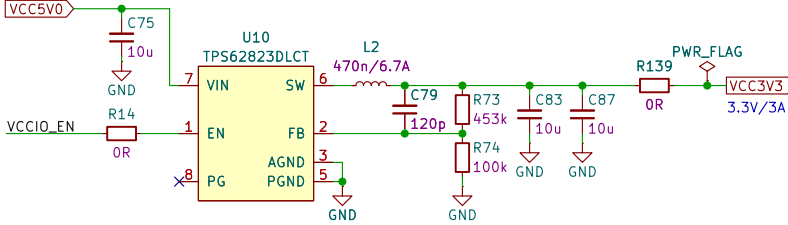
PWR_LED Indicators



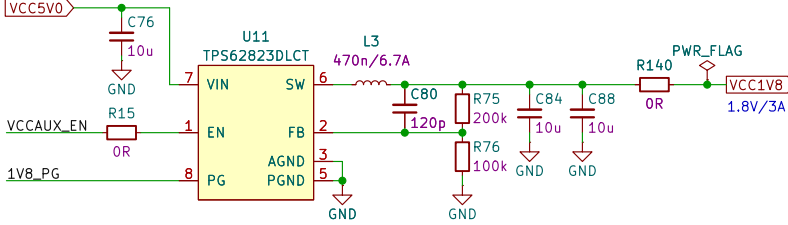
3v3 required by I3C translator



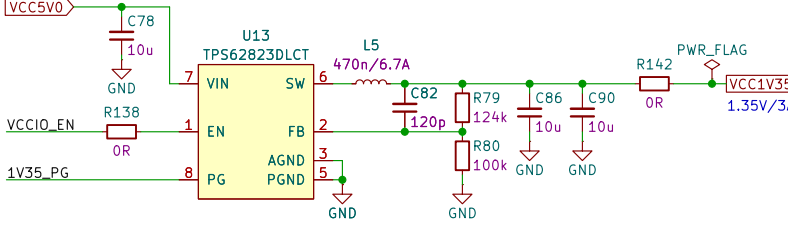
3V3 supply



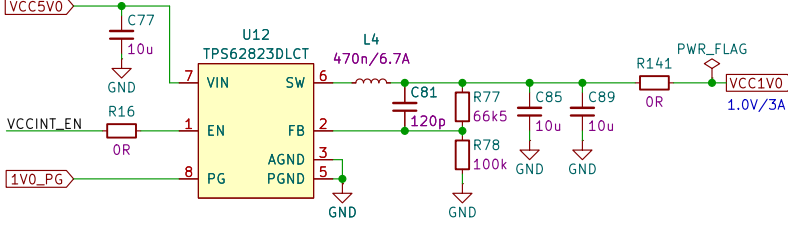
1V8 supply



1V35 supply



1V0 supply



1V2 supply

