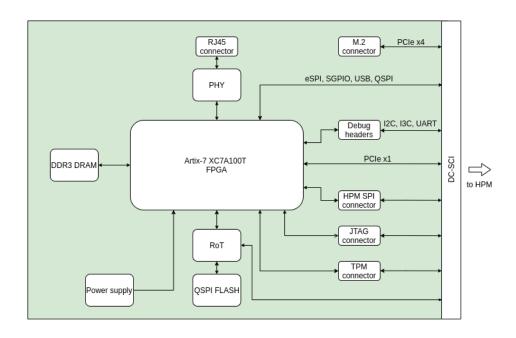
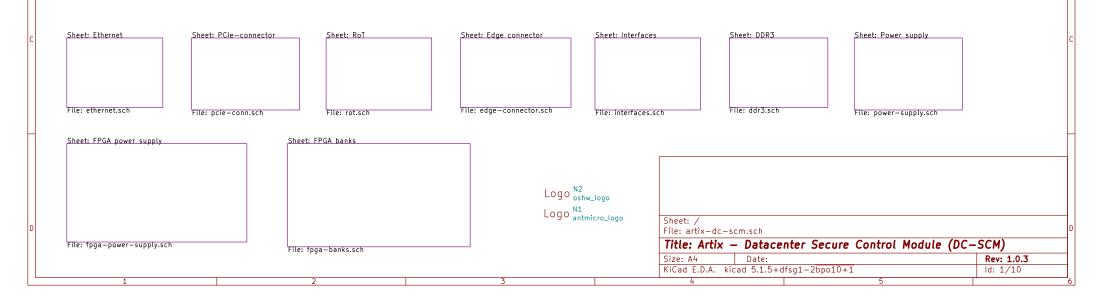
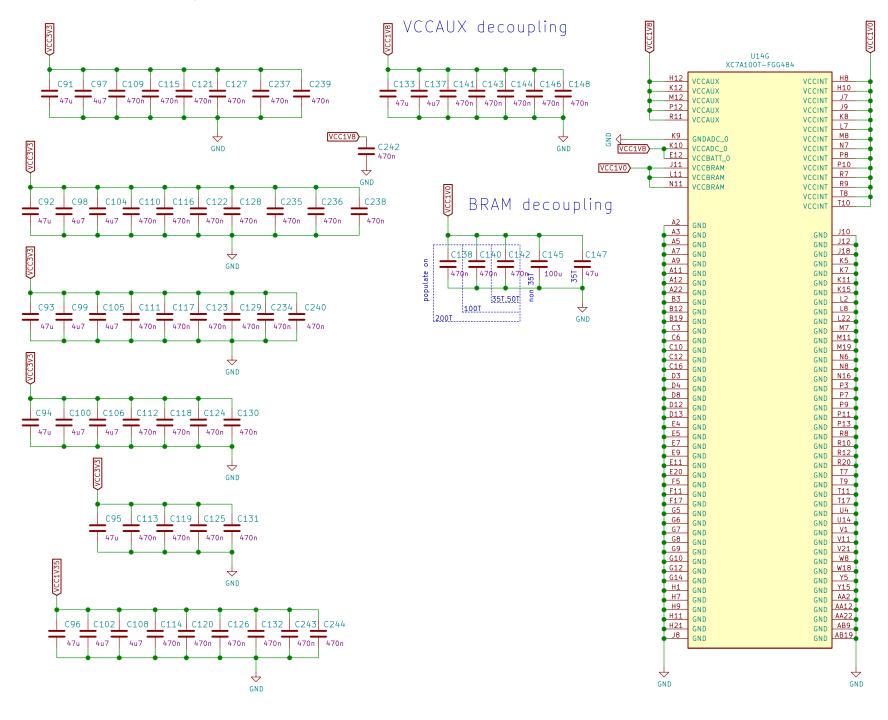
Artix - Datacenter Secure Control Module (DC-SCM)



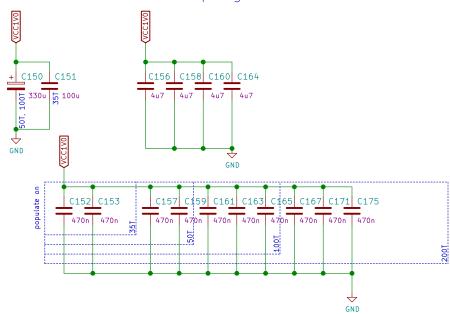


FPGA power supply

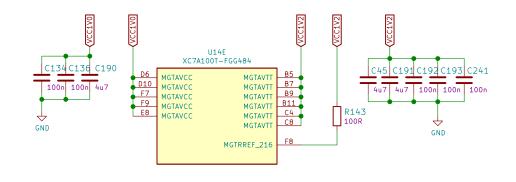
Banks decoupling



VCCINT decoupling



Transceiver supply

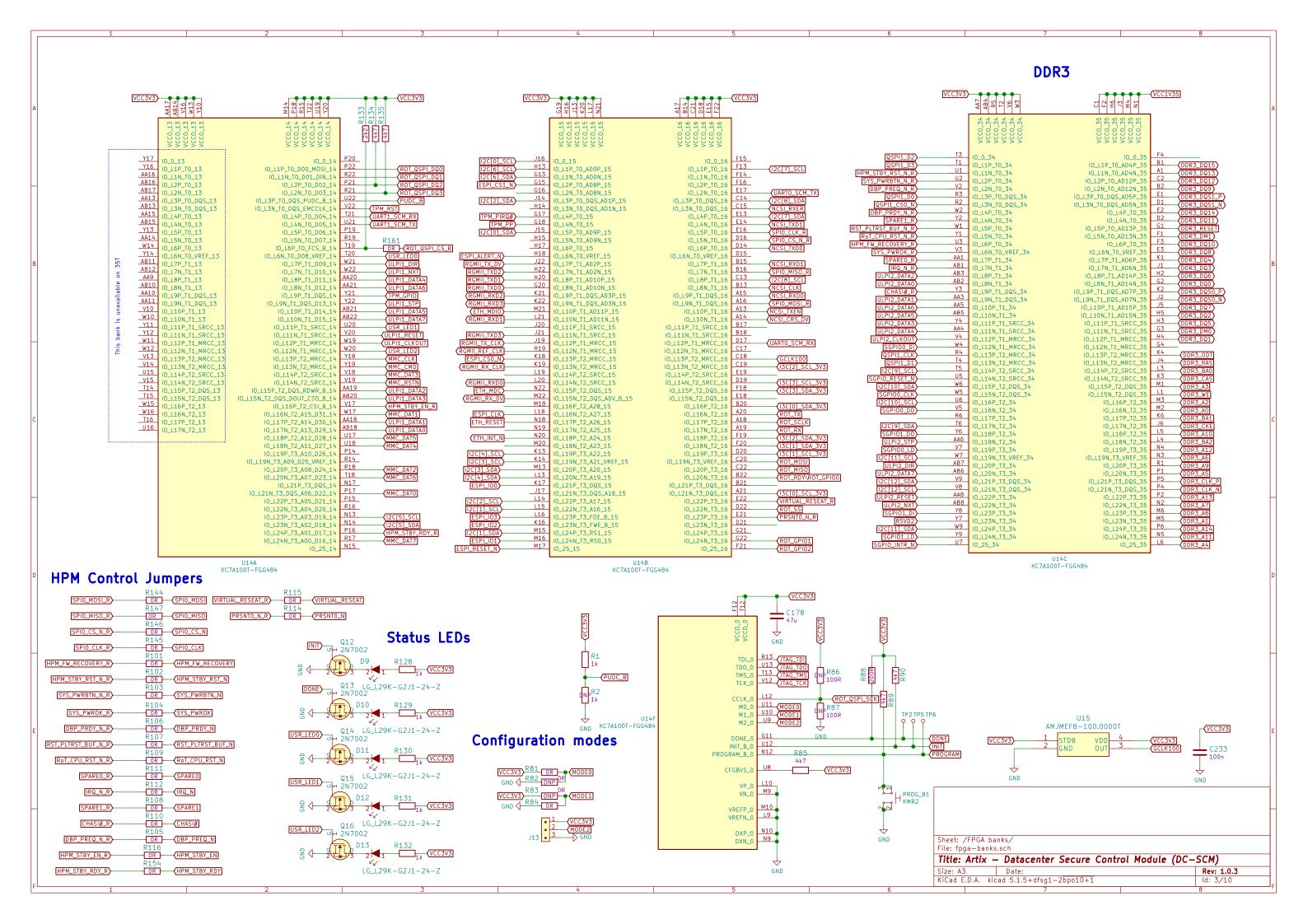


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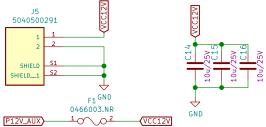
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 Size: A3
 Date:
 Rev: 1.0.3

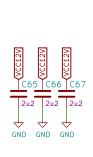
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 Id: 2/10

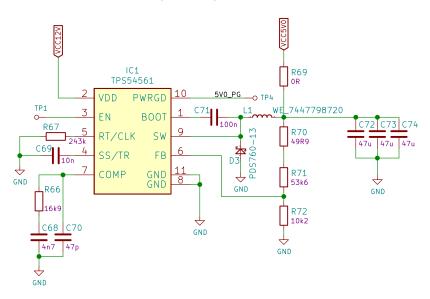


External 12V supply

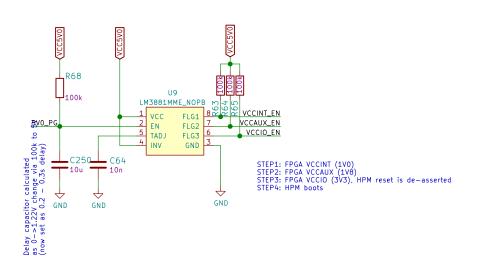


MainSupply (5V 5A)

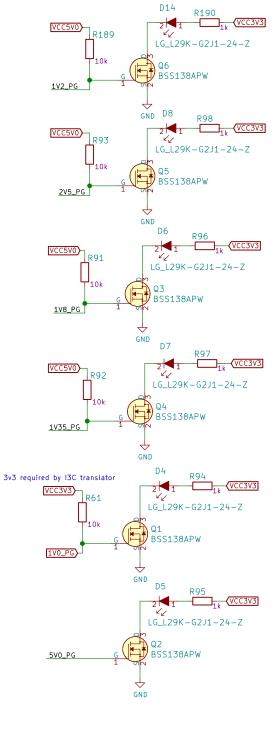


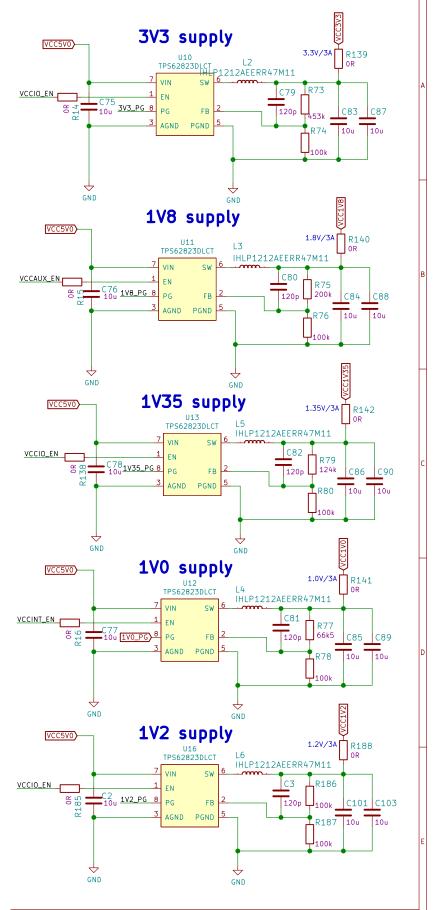


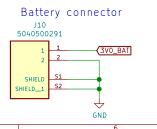
Power sequencer









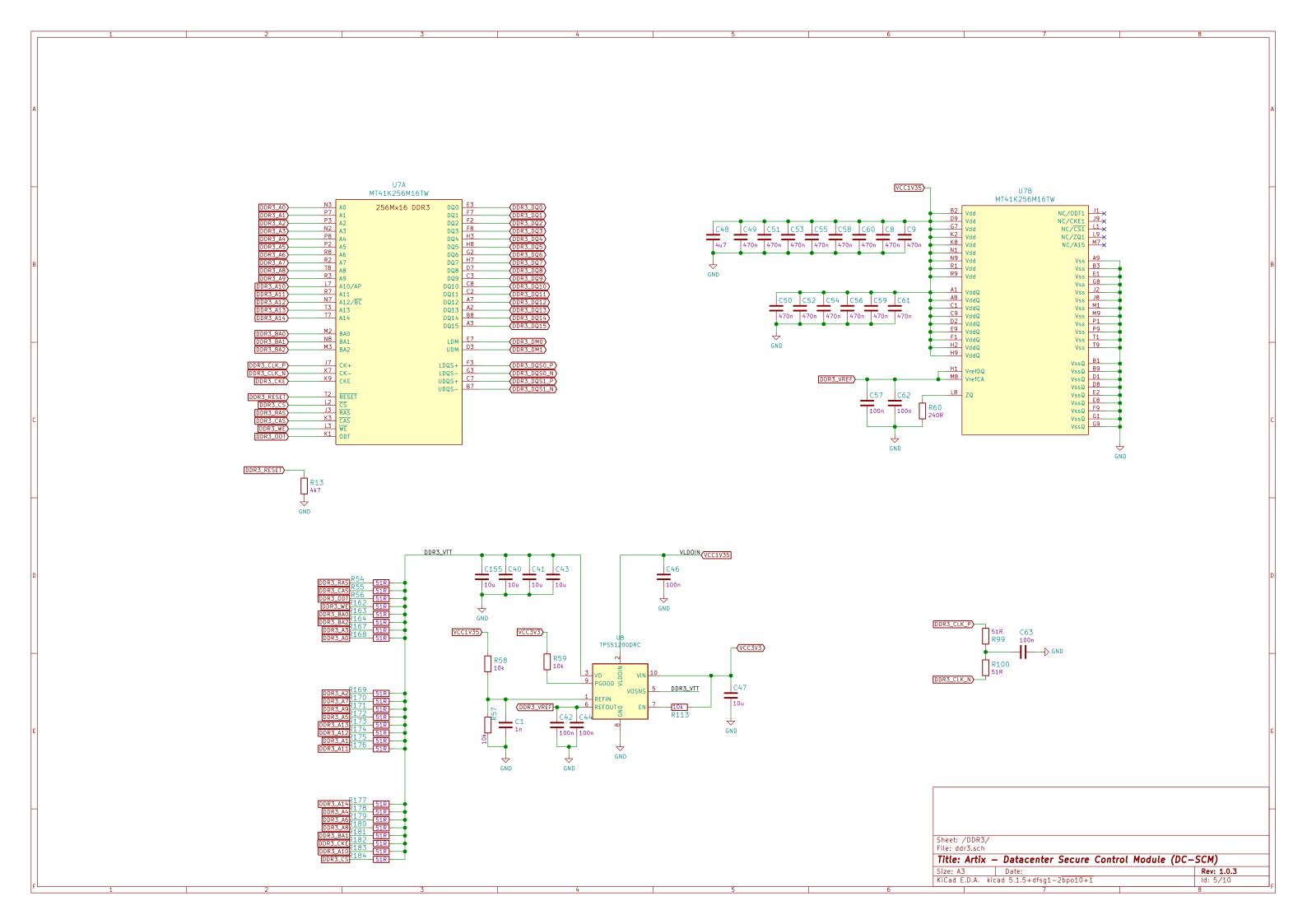


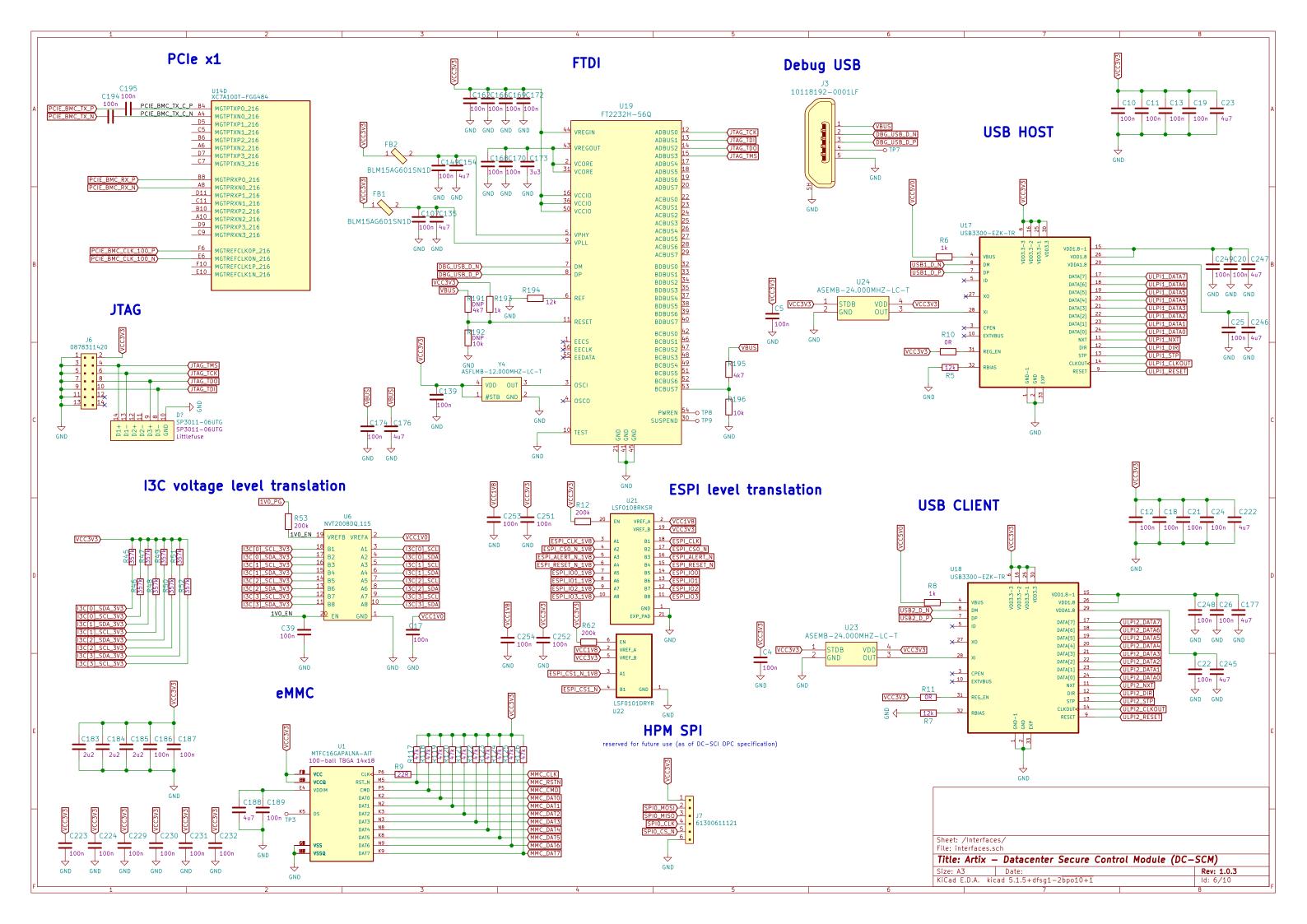
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File: power-supply.sch

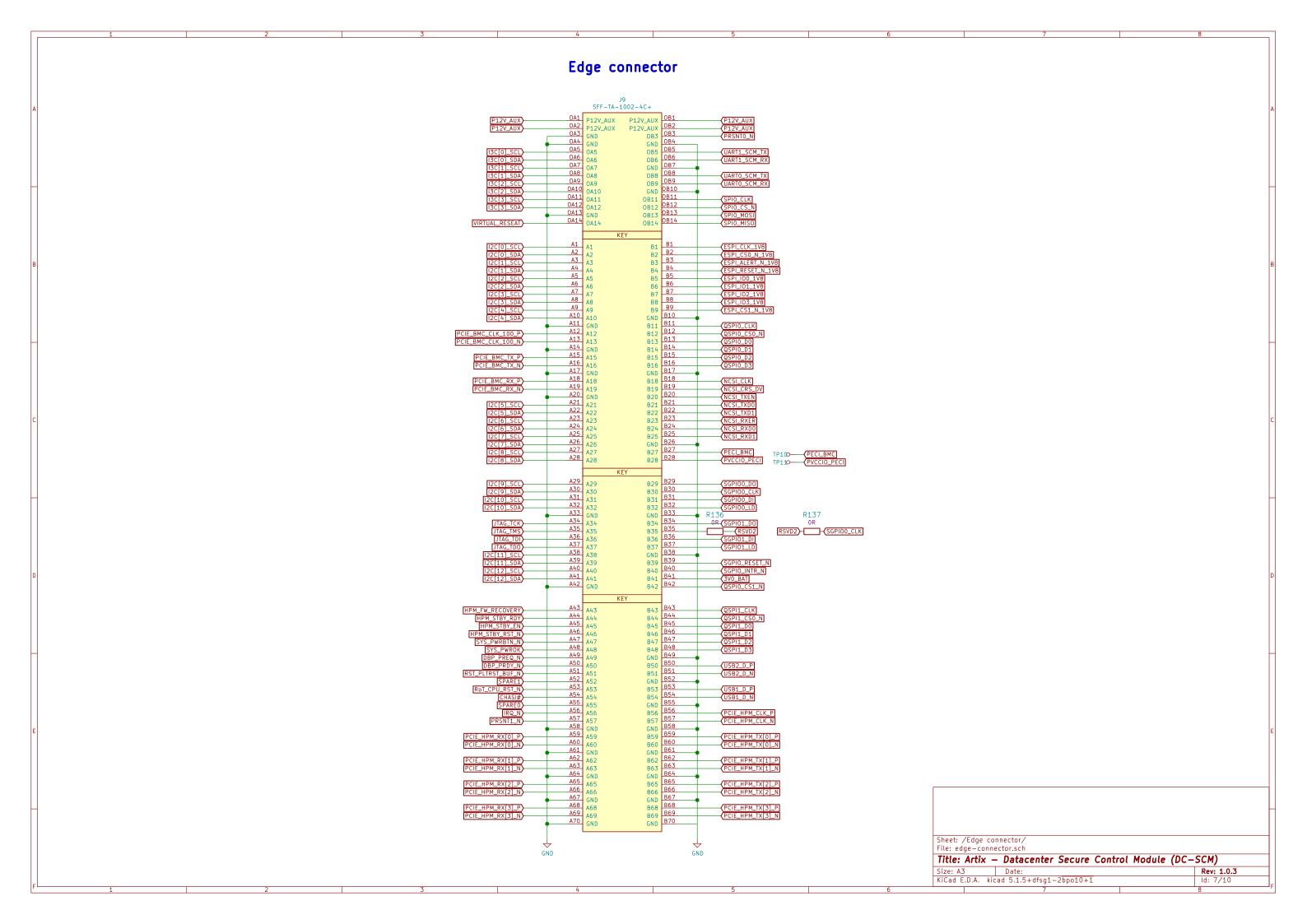
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Size: A3 Date: Rev: 1.0.3

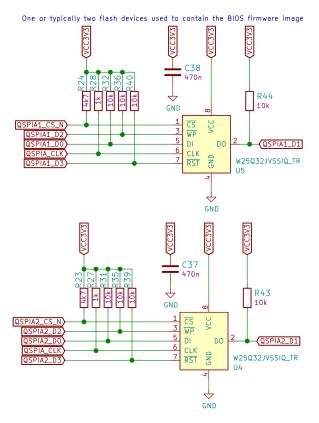
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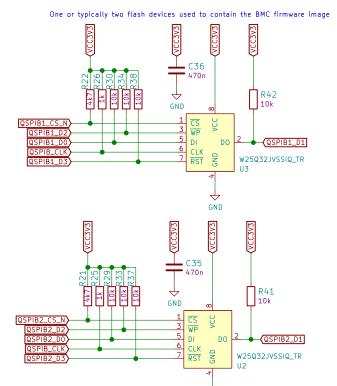




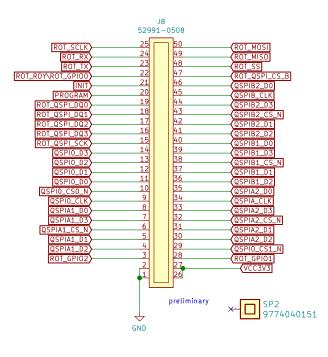
BIOS flash



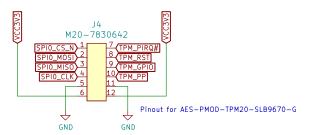
BMC flash



RoT module connector



TPM connector

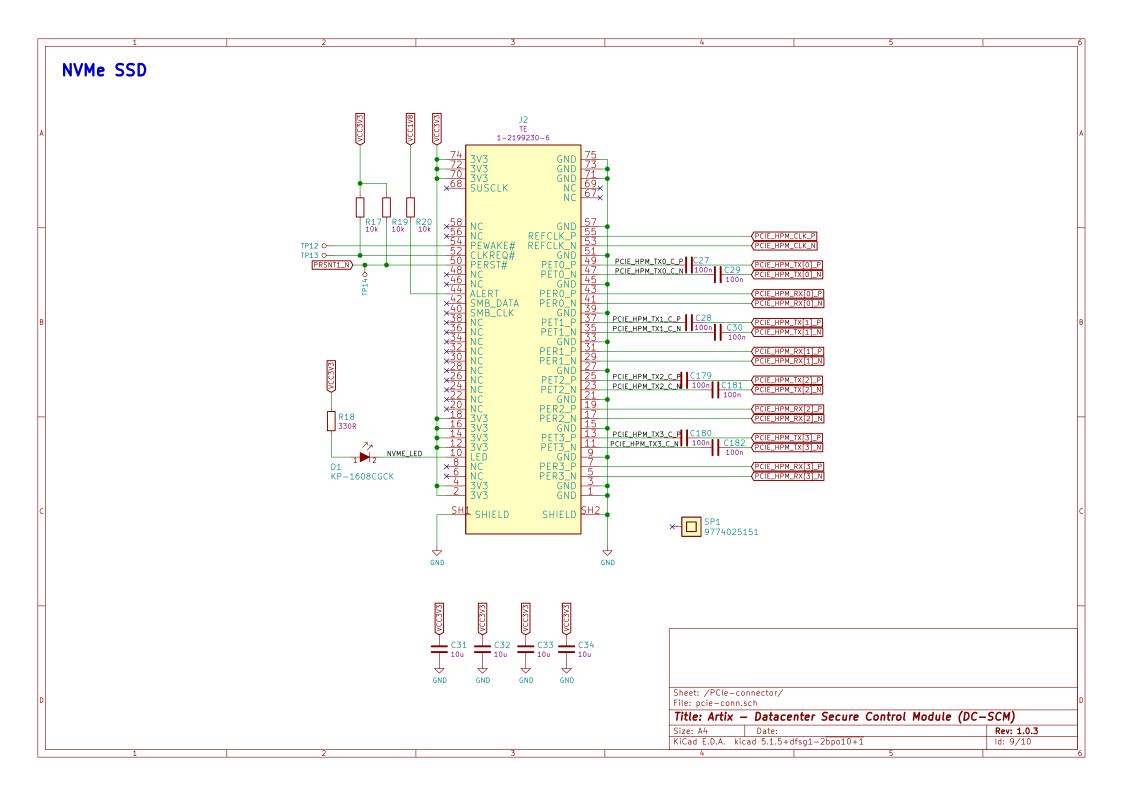


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Title: Artix - Datacenter Secure Control Module (DC-SCM)

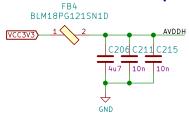
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KiCad E.D.A. kicad 5.1.5+dfsg1-2bpo10+1 Id: 8/10

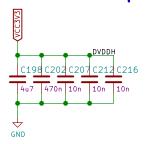


DVDDL decoupling C196 C197 C201 C205 C210 C214 C217 C218 C219 4u7 470n 470n 470n 10n 10n 10n 10n 10n GND

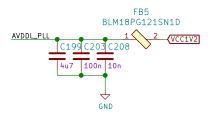
AVDDH decoupling



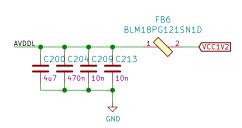
DVDDH decoupling



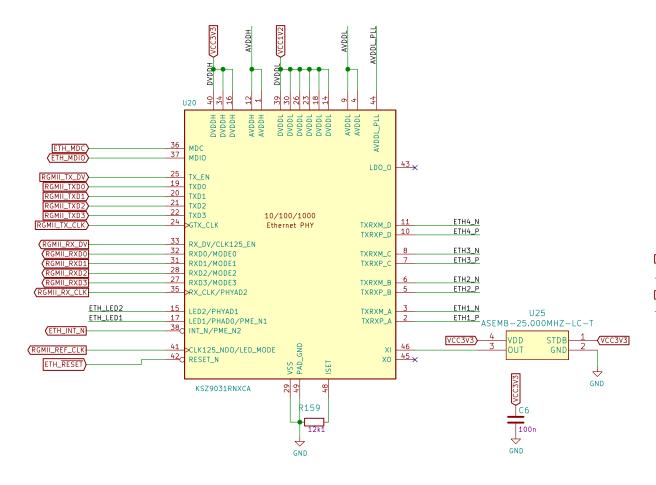
AVDDL_PLL decoupling



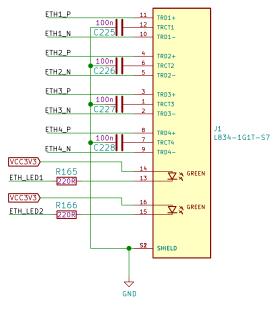
AVDDL decoupling



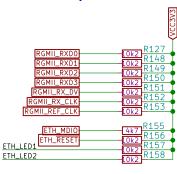
PHY



RJ45 Connector



Pull up resistors



Sheet: /Ethernet/
File: ethernet.sch

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

Size: A3 Date: Rev: 1.0.3

KiCad E.D.A. kicad 5.1.5+dfsg1-2bpo10+1 Id: 10/10