



Cologne Chip GateMate FPGA Module: GMM-7550 for CCGM1A 1/2/4 (BGA320, 15x15 mm)

Revision	Date	Notes
0.5	2020-07-08	Initial release of the schematic
1.0	2020-10-01	Schematic freeze, preliminary placement is done. (I/O and BoM changes back ported from PCB)

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<https://github.com/ak-fau/gmm7550.git>

Sheet: /
File: gmm.sch

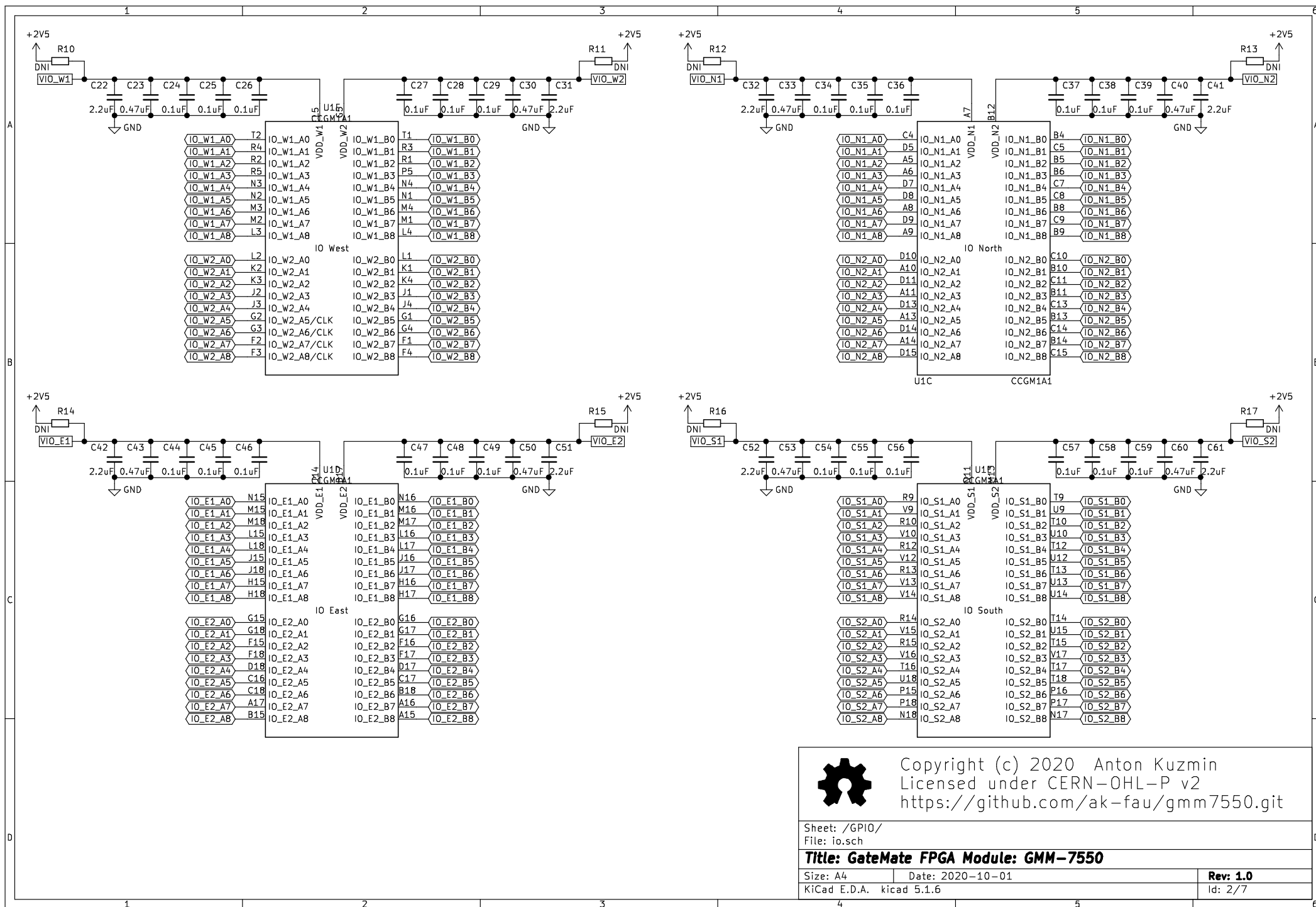
Title: GateMate FPGA Module: GMM-7550

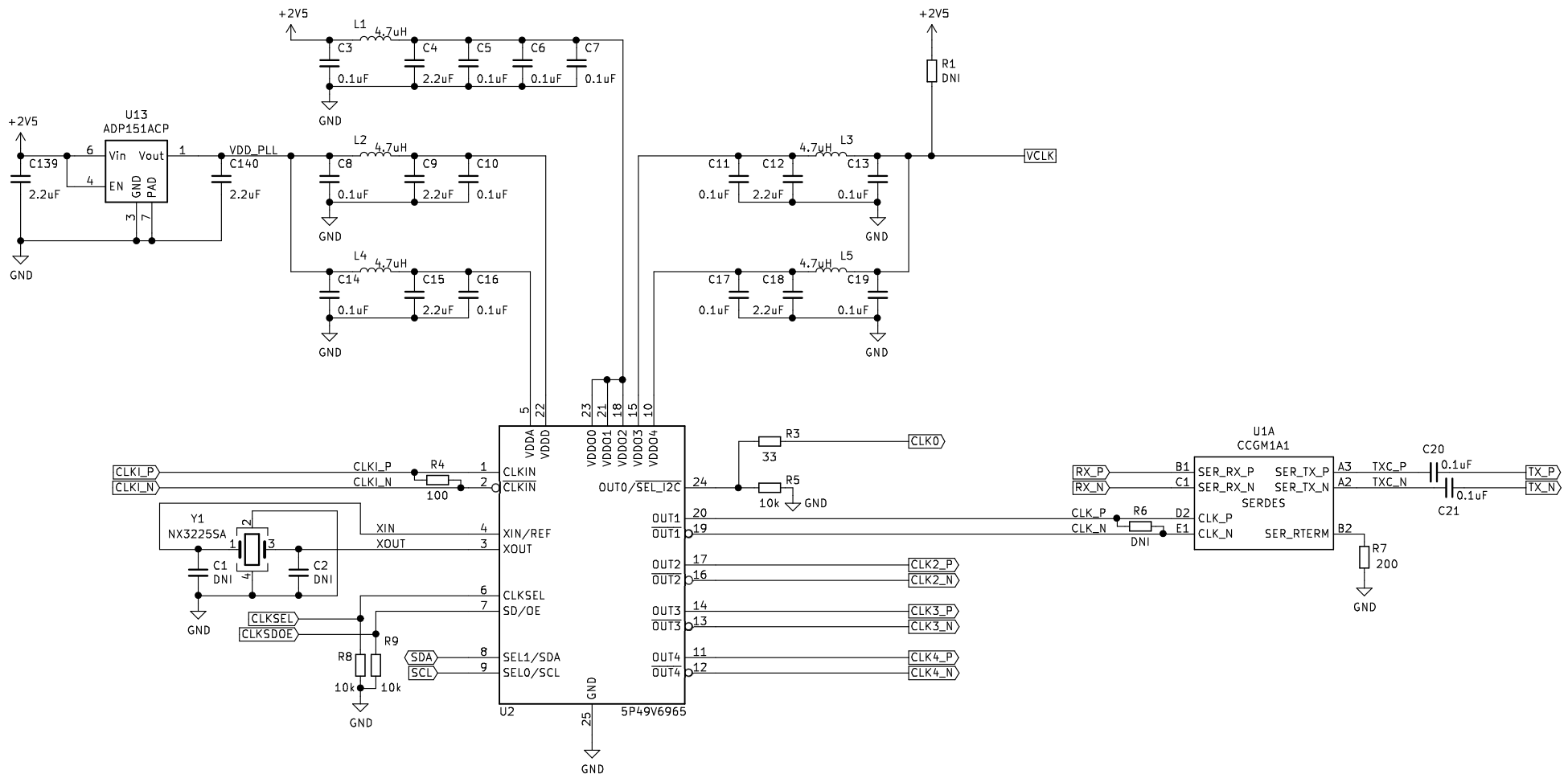
Size: A4 Date: 2020-10-01

KiCad E.D.A. kicad 5.1.6

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Sheet: /Clock and SERDES/
 File: clk_serdes.sch

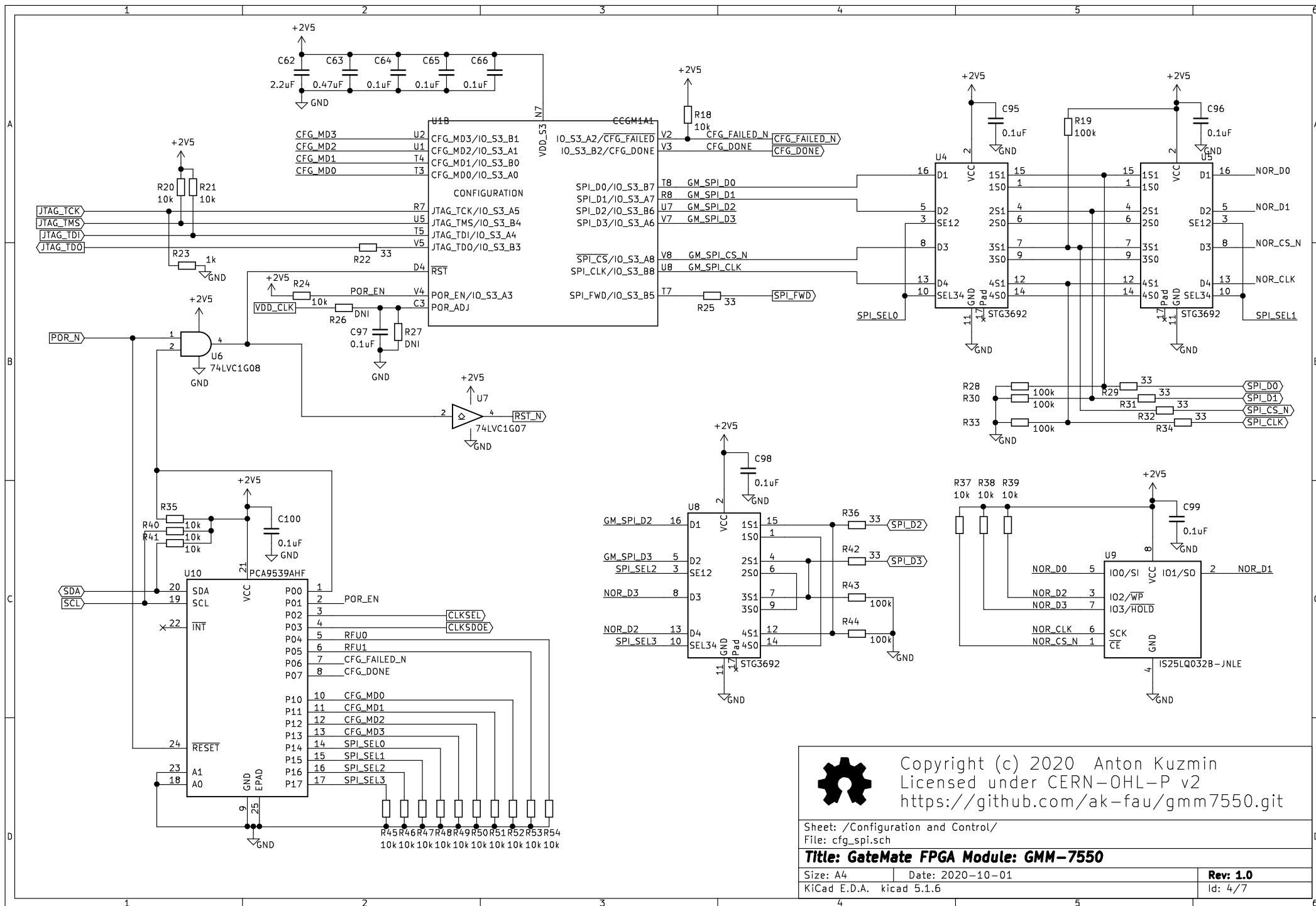
Title: GateMate FPGA Module: GMM-7550

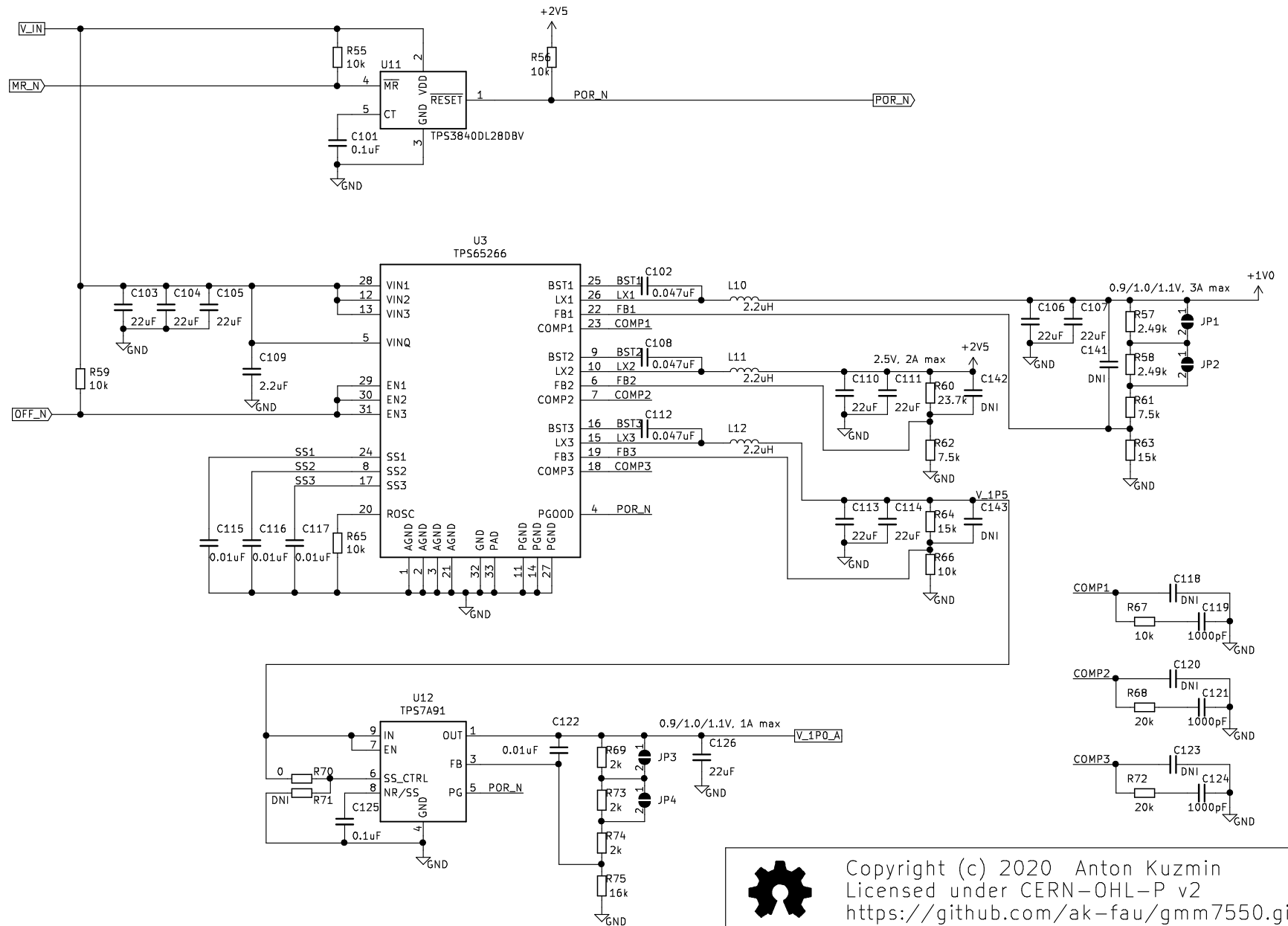
Size: A4 Date: 2020-10-01

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Sheet: /Power Converter/
 File: power.sch

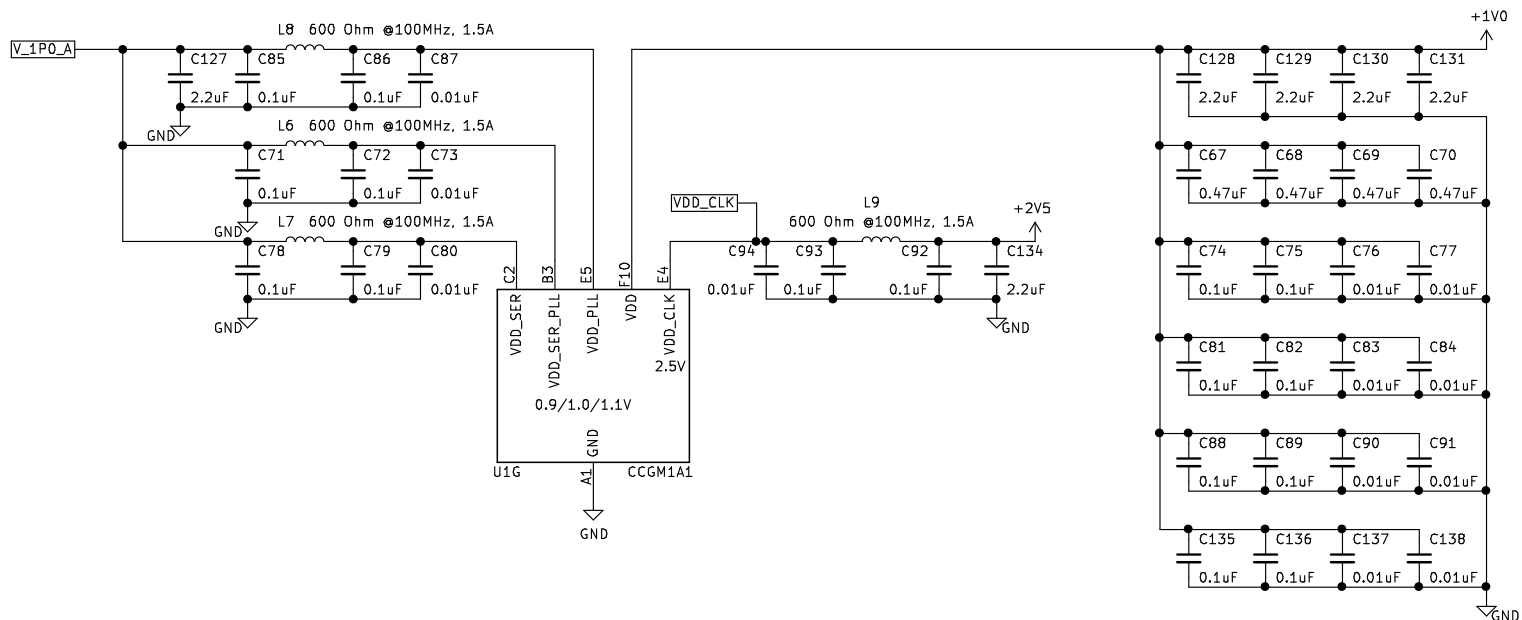
Title: GateMate FPGA Module: GMM-7550

Size: A4 Date: 2020-10-01

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Sheet: /FPGA Power/
 File: fpga_pwr.sch

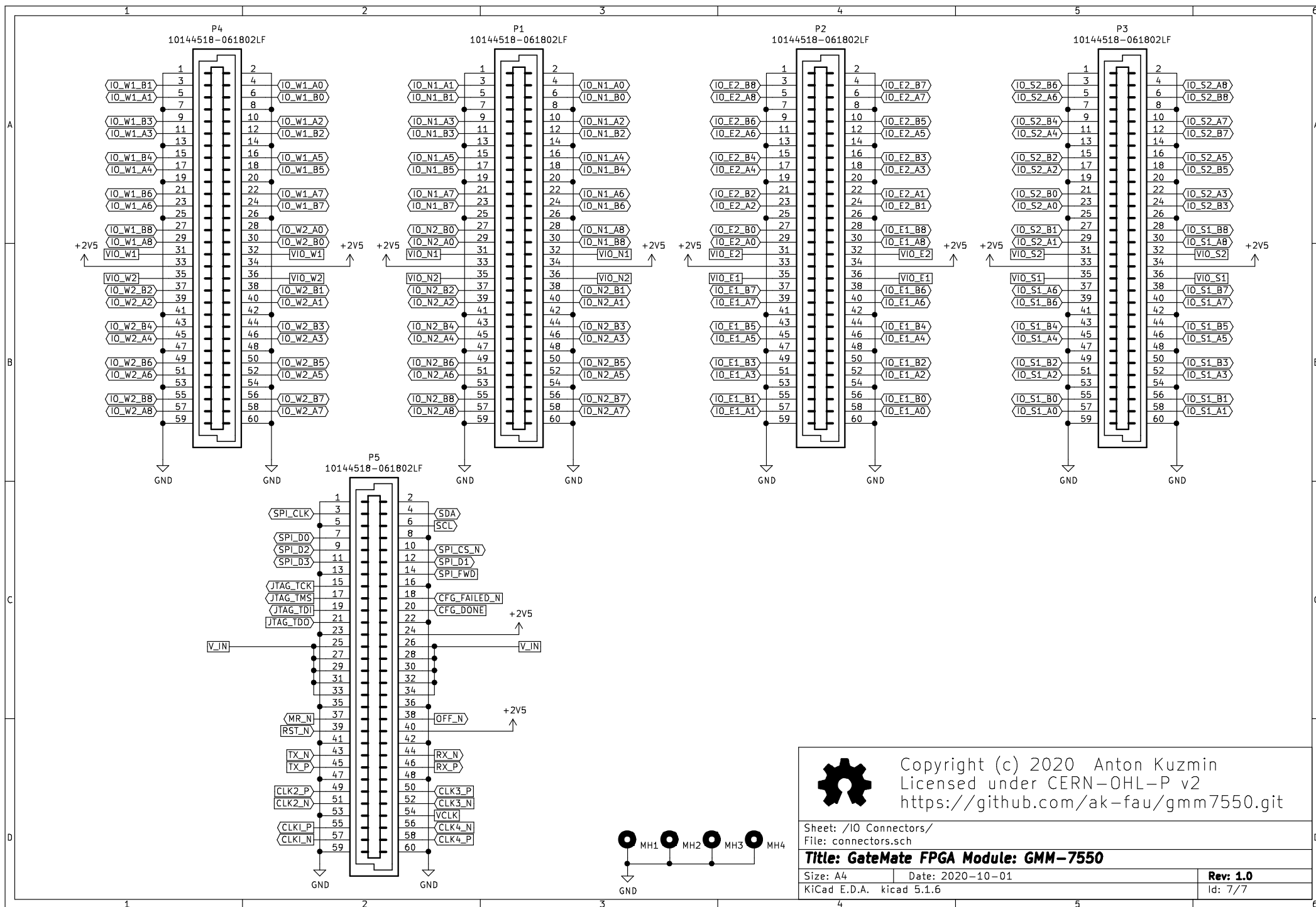
Title: GateMate FPGA Module: GMM-7550

Size: A4 Date: 2020-10-01

KiCad E.D.A. kicad 5.1.6

Rev: 1.0

Id: 6/7



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Sheet: /IO Connectors/ File: connectors.sch	
Title: GateMate FPGA Module: GMM-7550	
Size: A4	Date: 2020-10-01
KiCad E.D.A. kicad 5.1.6	Rev: 1.0 Id: 7/7