

1X – Text

2X – Outline

3X – Clocks?

4X – Config

5X – USB Uart (See 17)

6 – I2C Mux + EEPROM

7X – Bank0 + Prog + Init

8X – Bank34 + Bank35 (DDR)

9X – Bank33 (DDR)

10X – DDR

11X – DDR Term. Resistors

12X – DDR Term. Resistors

13X – DIMM Decoupling

14 – Bank14 GPIO + SD + LCD

15X – 10/100/1000 PHY

16X – SI5324 Clock Recovery?

17 – Bank13 (HDMI)

18 – HDMI

19 – HDMI Con

20X – SFP+ Con

21 – GPIO + LEDs

22X – Bank15 + Bank16 (FMC+XADC)

23X – Bank12 (HPC FMC)

24X – FMC

25X – FMC

26X – FMC

27X – FMC

28X – PCIe Card Edge

29X – XADC

30X – Bank213 + Bank216 + Clock Mux

31X – MGTA Power + Cap

32X – VCCs + Cap

33X – GND + Cap

34X – XADC OpAmps

35X – XADC OpAmps

36X – XADC OpAmps

37X – XADC Mux

38X – Power Con + PMBUS Hdr

39X – PMIC1

40X – VCCINT

41X – VCCAUX

42X – VCCBRAM

43X – FPGA_1.5V

44X – DIMM Power

45X – PMIC2

46X – VCC0

47X – VCC_1.8V

48X – VCC_3.3V

49X – MGTAVCC

50X – MGTAVTT

51X – Hardware

Sheet: Power

File: Power.sch

Sheet: Config_Debug

File: Config_Debug.sch

Sheet: Decoupling

File: Decoupling.sch

Sheet: PCIe_interface

File: PCIe_interface.sch

Sheet: Connections

File: Connections.sch

Sheet: DDR2_1

File: DDR2_1.sch

Sheet: DDR2_2

File: DDR2_2.sch

Sheet: HDMI_VGA

File: HDMI_VGA.sch

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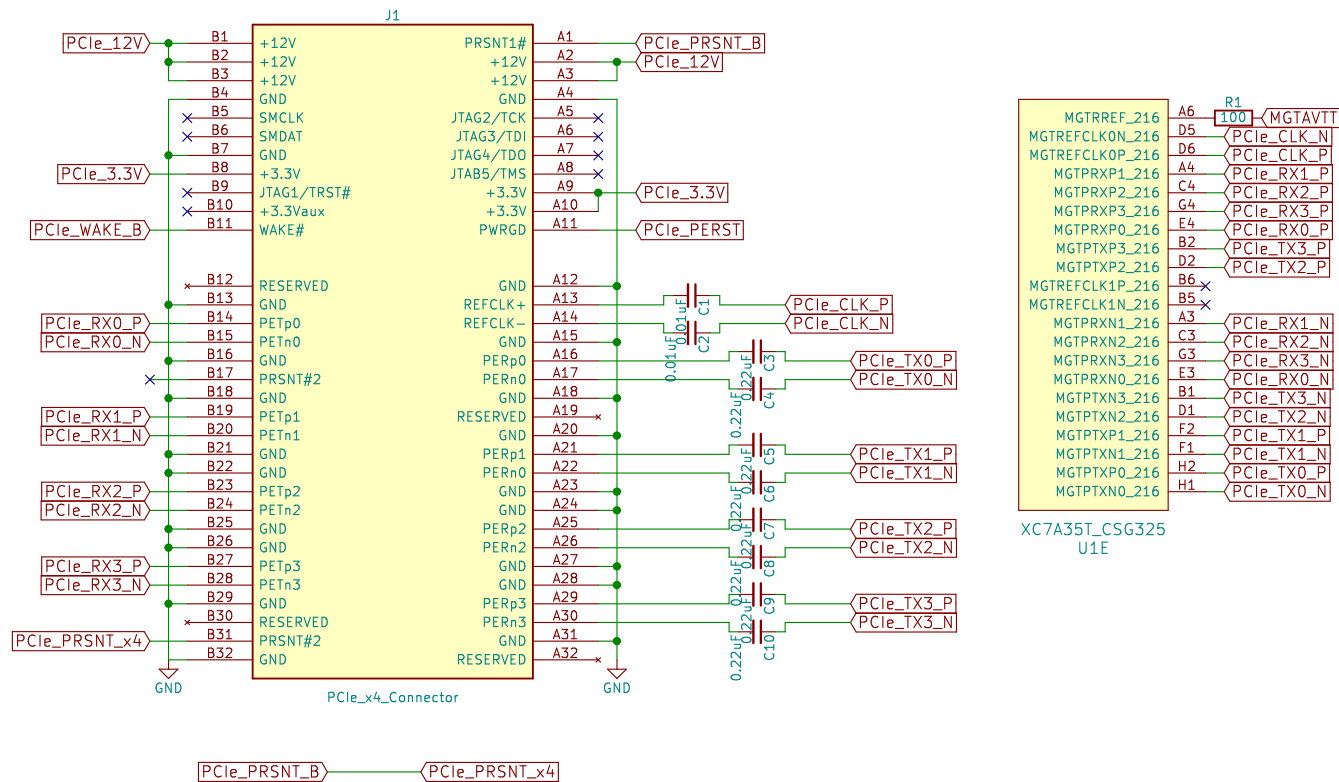
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Sheet: /
File: RASAC.sch

Title: Reconfigurable Application-Specific Accelerator Card

Size: A Date: 2019-02-27
KiCad E.D.A. kicad (5.0.2)-1

Rev: 1.0
Id: 1/9



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File: PCIe_interface.sch

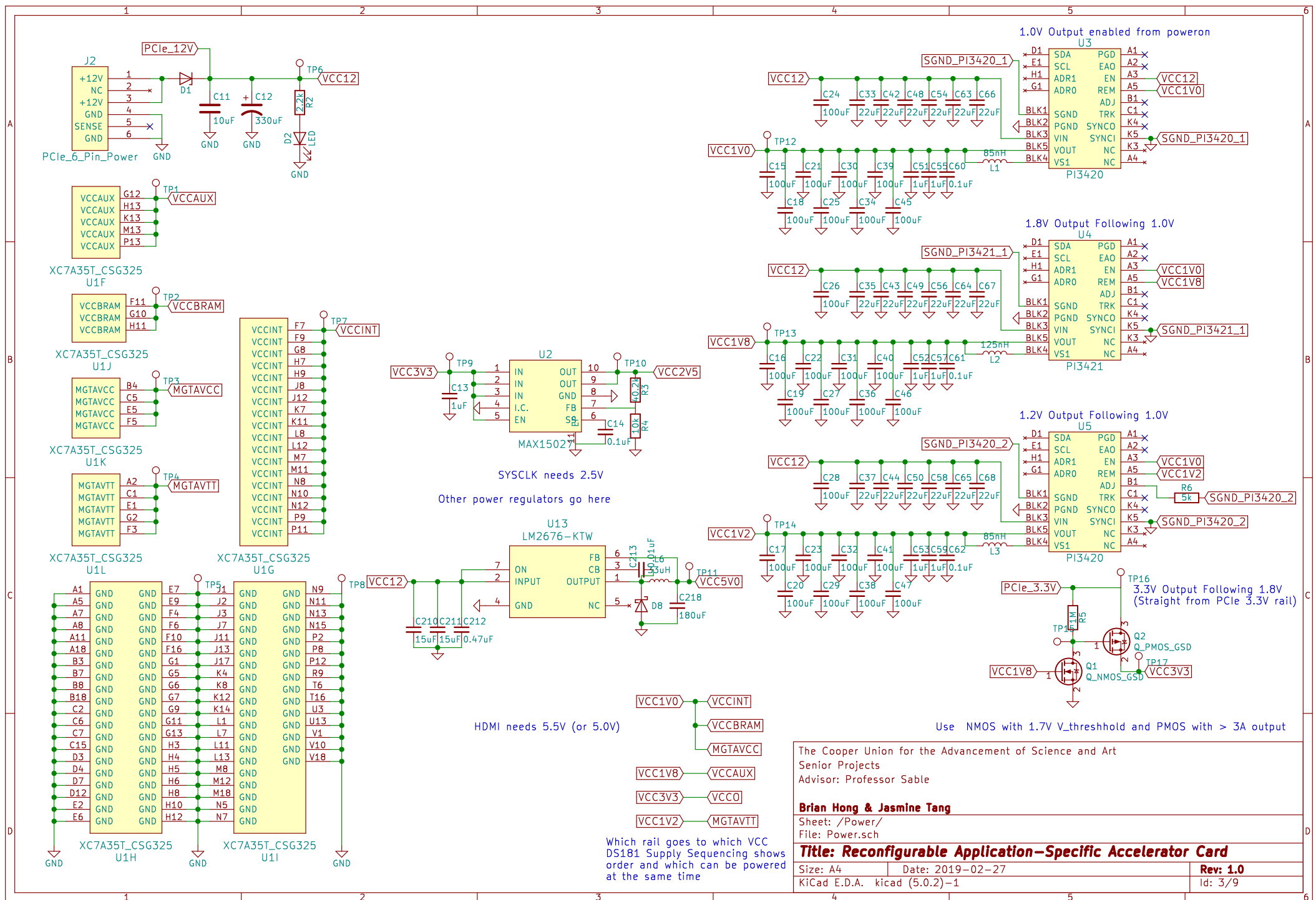
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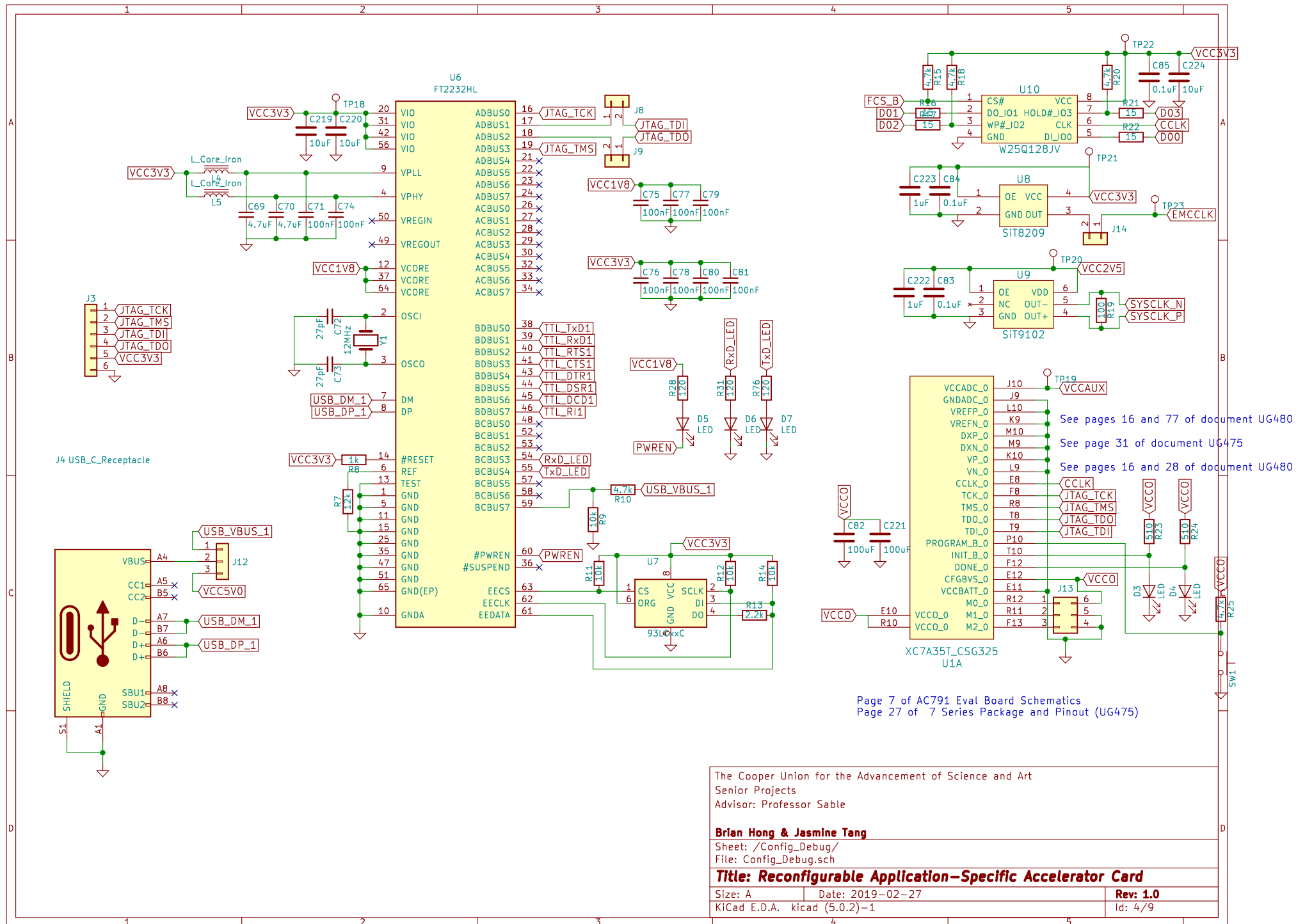
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Rev: 1.0

KiCad E.D.A. kicad (5.0.2)-1

Id: 2/9





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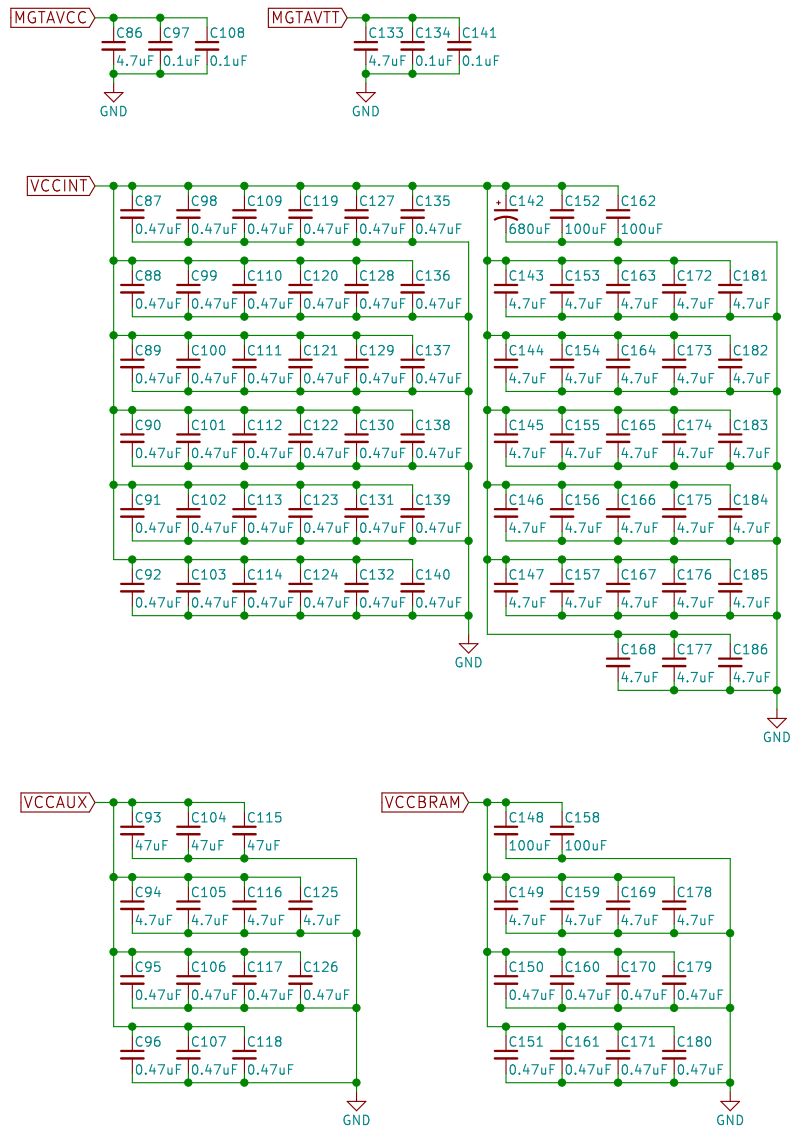
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Sheet: /Config_Debug/
File: Config_Debug.sch

Title: Reconfigurable Application-Specific Accelerator Card

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KiCad E.D.A. kicad (5.0.2)-1

Rev: 1.0
Id: 4/9



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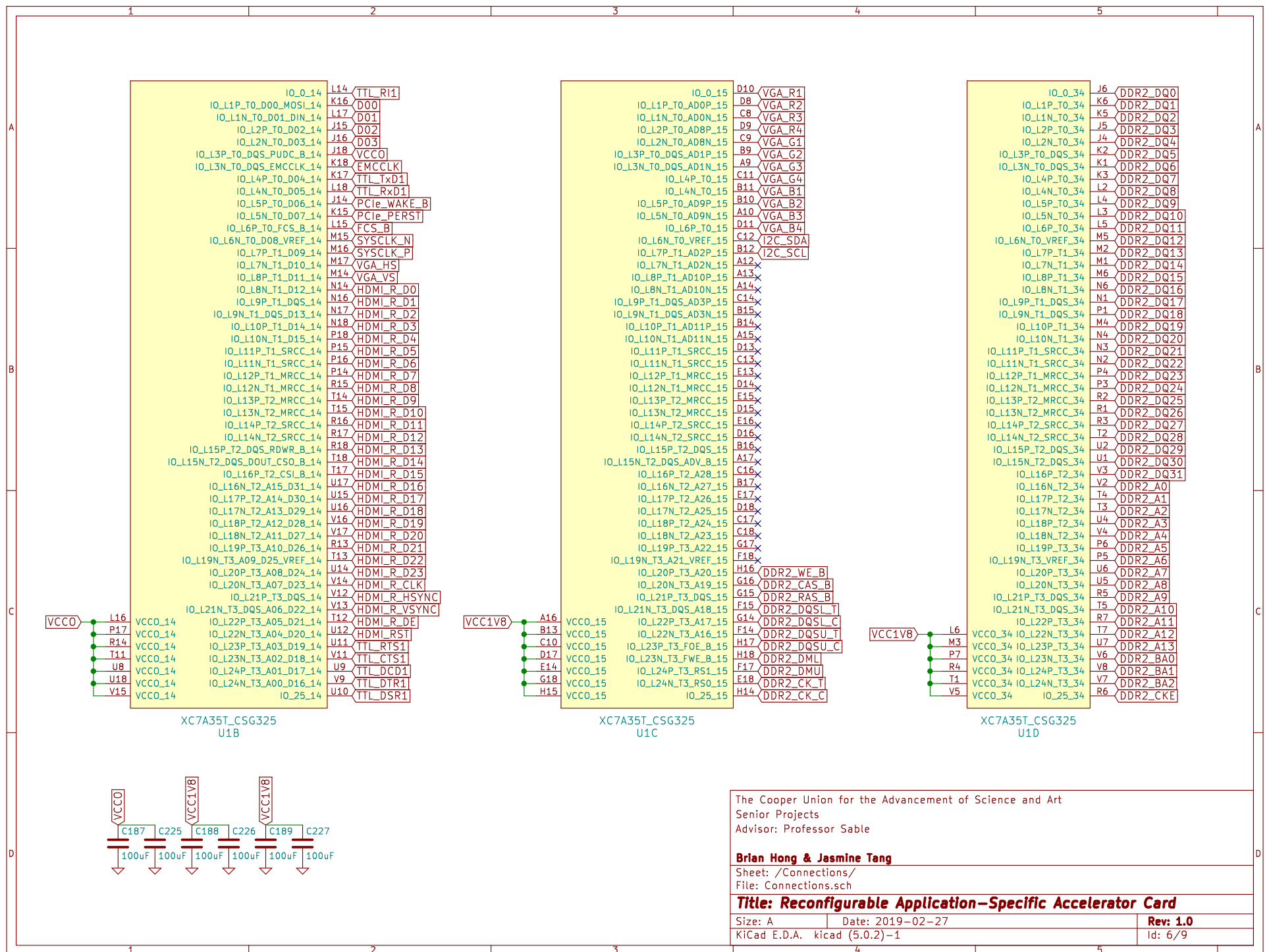
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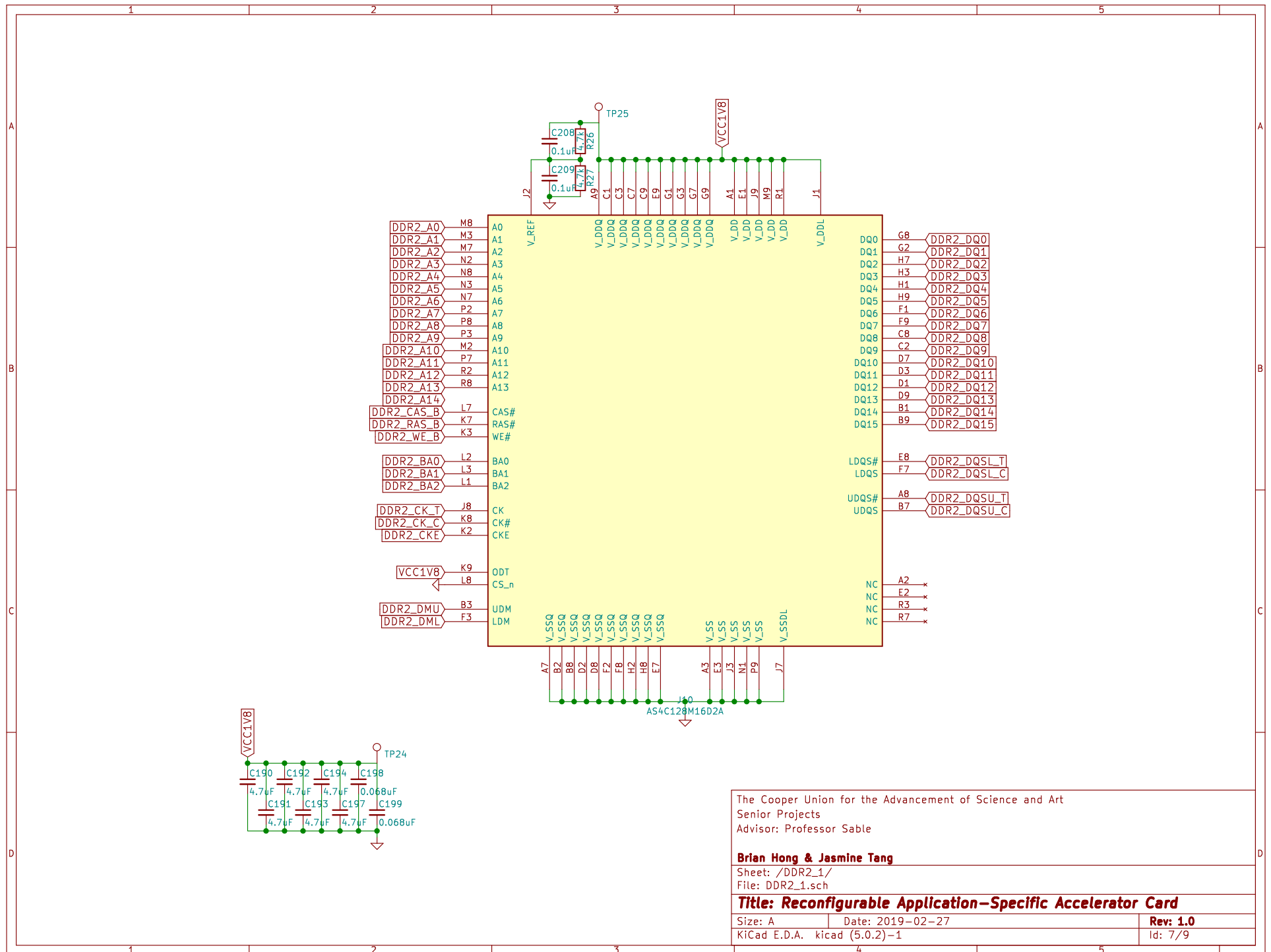
Sheet: /Decoupling/
 File: Decoupling.sch

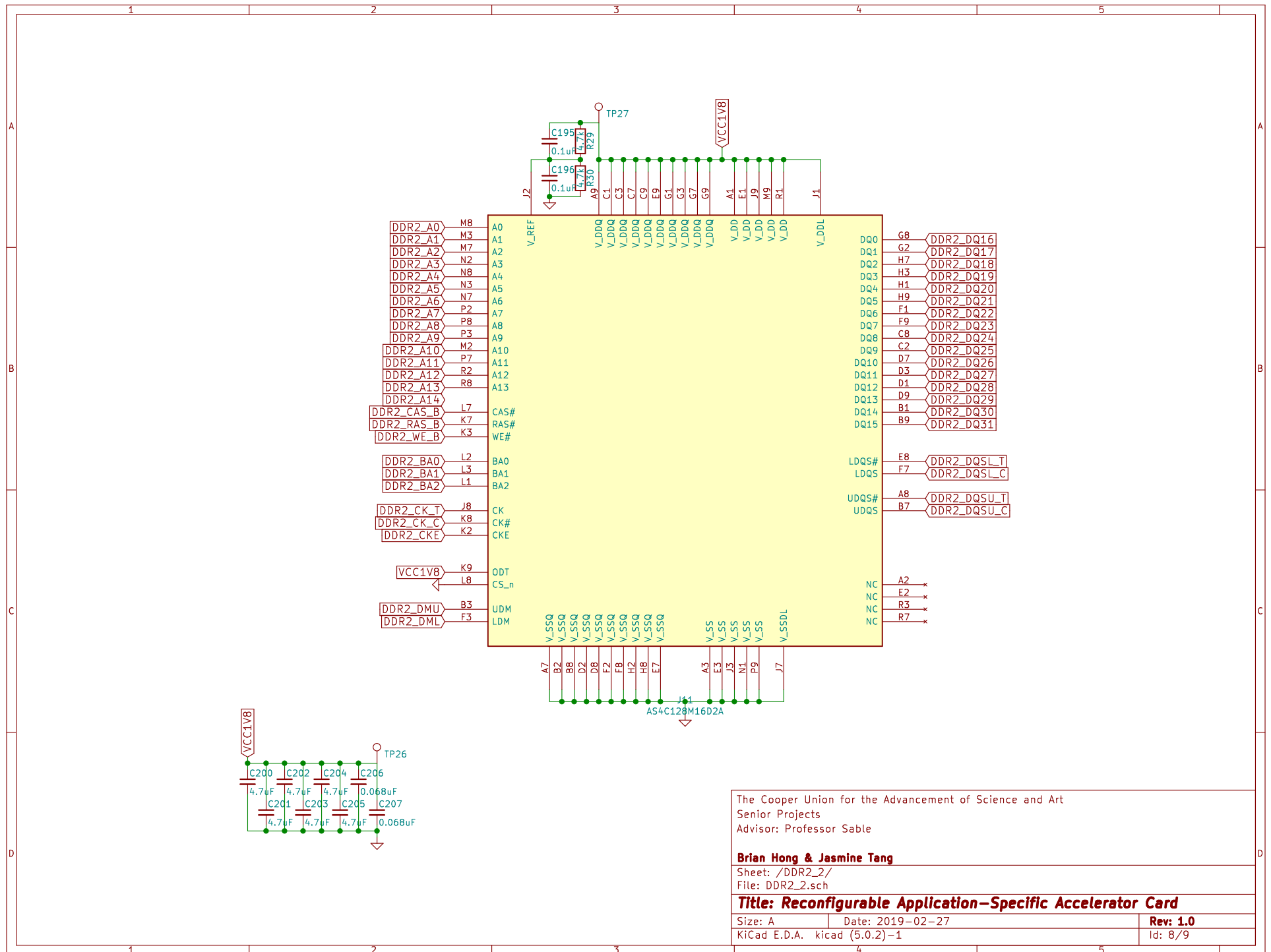
Title: Reconfigurable Application-Specific Accelerator Card

Size: A Date: 2019-02-27
 KiCad E.D.A. kicad (5.0.2)-1

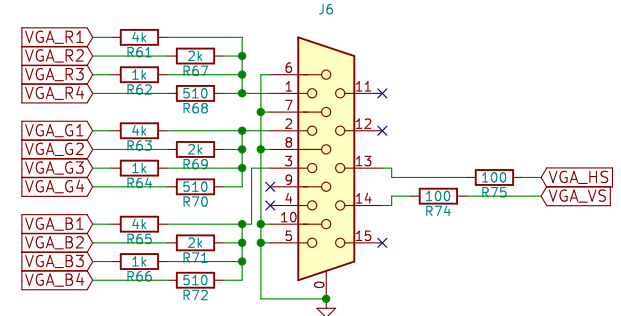
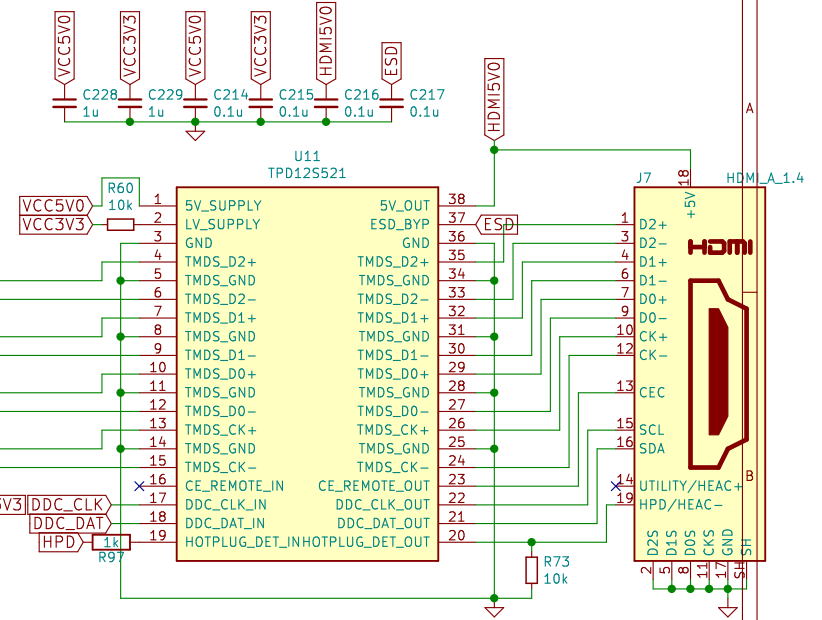
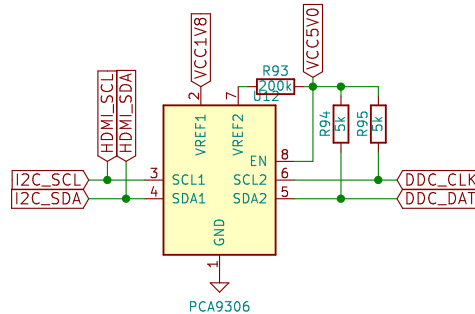
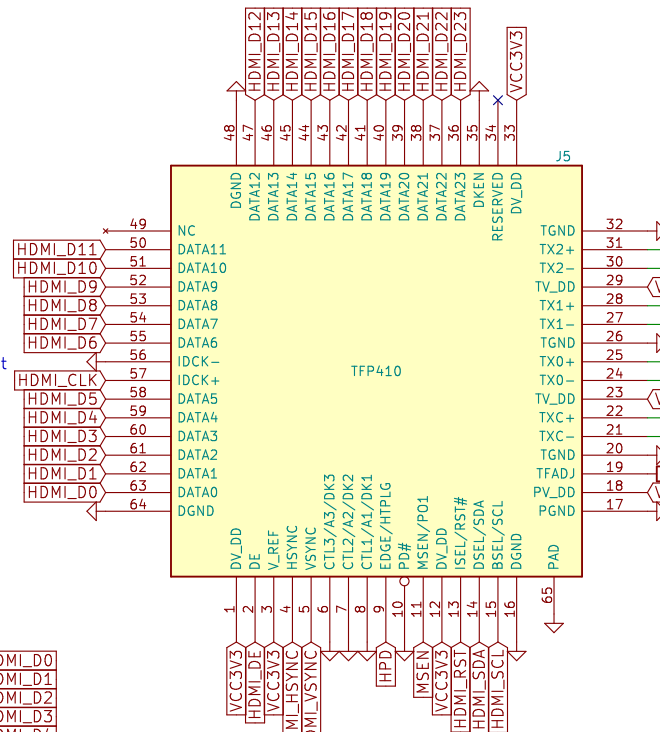
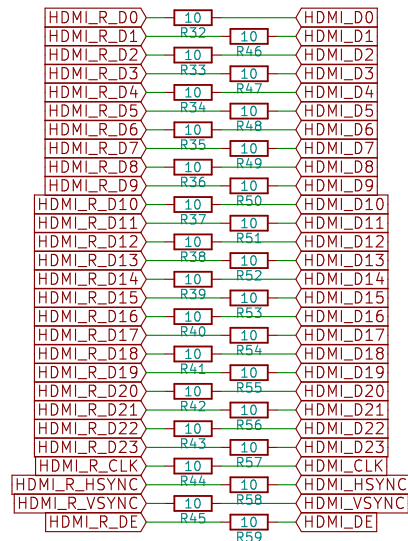
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 Id: 5/9







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Sheet: /HDMI_VGA/

File: HDMI_VGA.sch

Title: Reconfigurable Application-Specific Accelerator Card

Size: A Date: 2019-02-27

Rev: 1.0

KiCad E.D.A. kicad (5.0.2)-1

Id: 9/9