

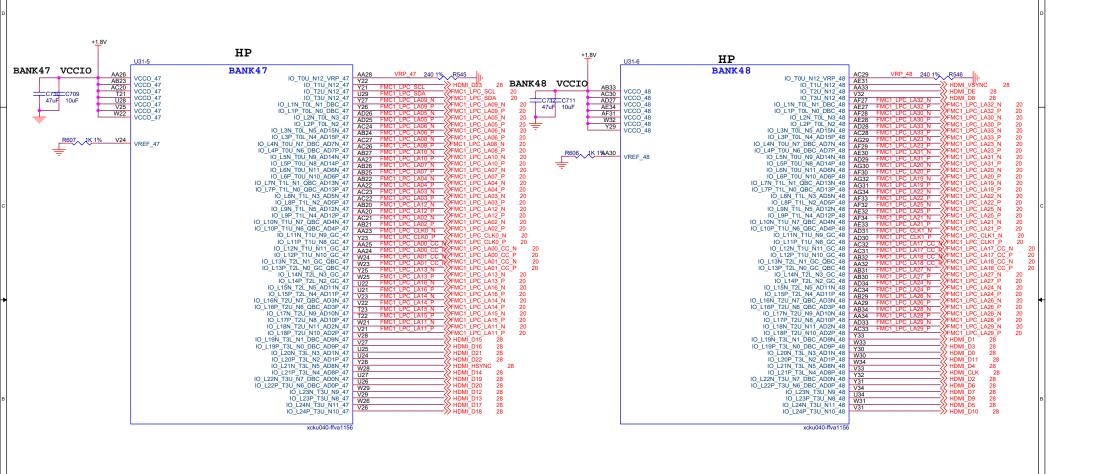
http://www.alinx.com

Title

PAGE04 FPGA BANK14/15

Size Document Number AXKU040开发板 Schematics

Date: Wednesday, August 11, 2021 Sheet 4 of 32

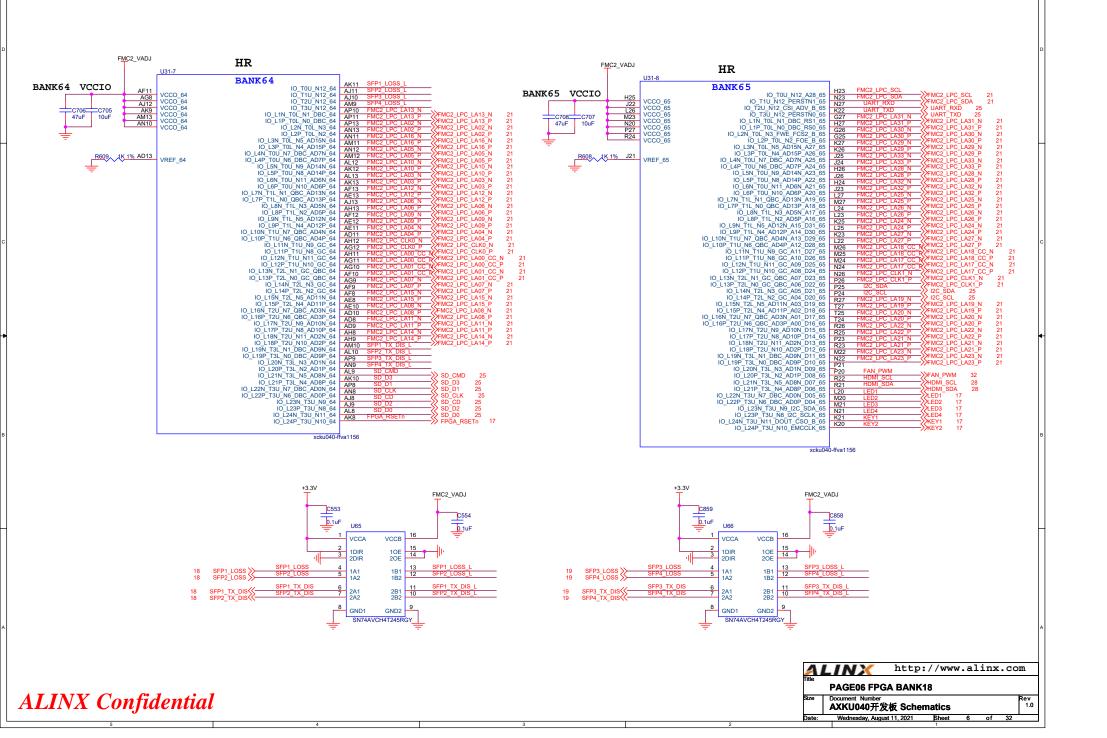


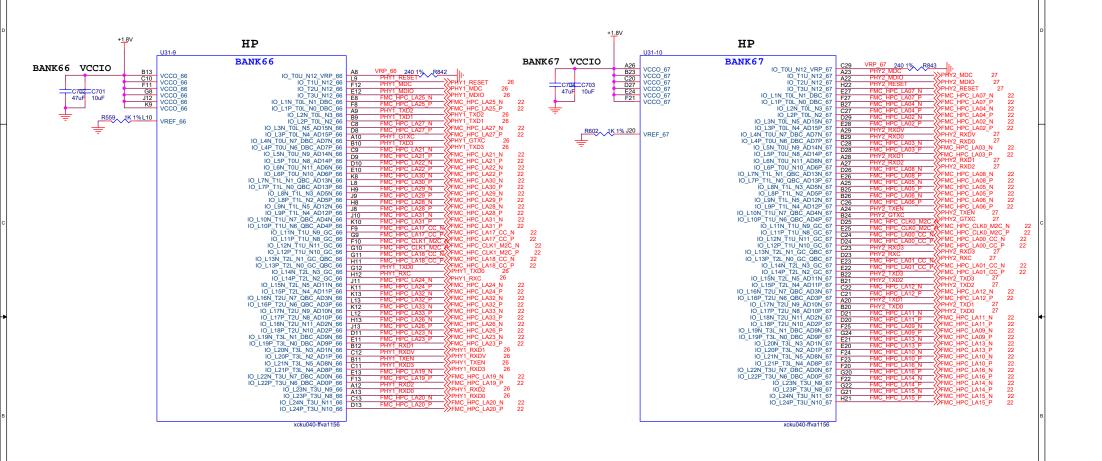
http://www.alinx.com
Title

PAGE05 FPGA BANK16/17

Size Document Number AXKU040开发板 Schematics
Date: Wednesday, August 11, 2021 | Sheet 5 of 32

ALINX Confidential

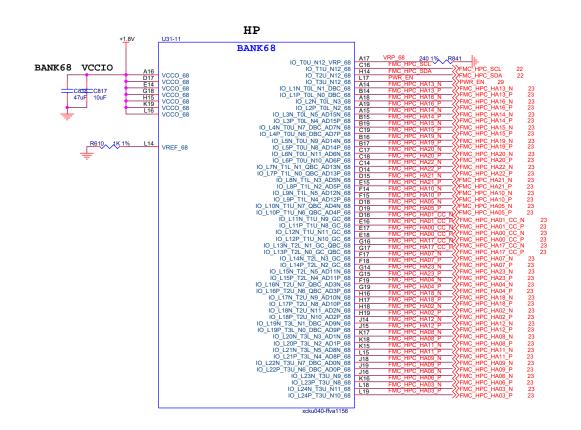




http://www.alinx.com
Title

PAGE07 FPGA BANK32/33

Size Document Number AXKU040开发板 Schematics
Date: Wednesday, August 11, 2021 Sheet 7 of 32



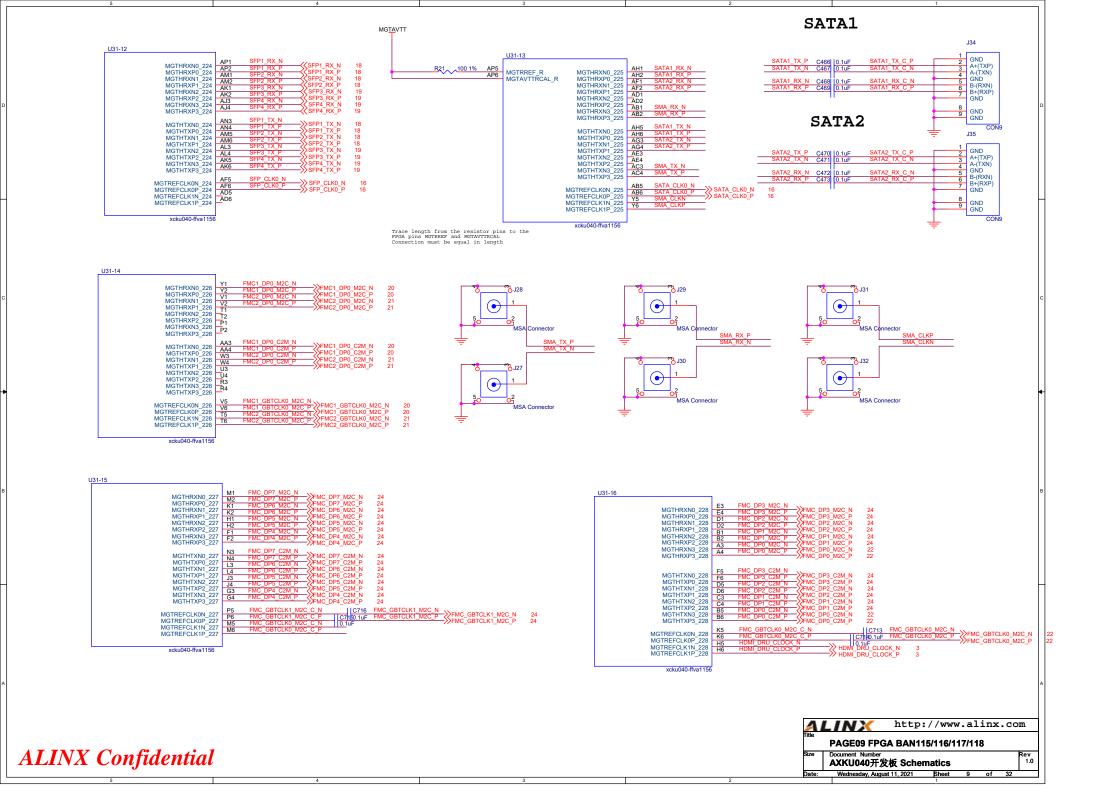
http://www.alinx.com

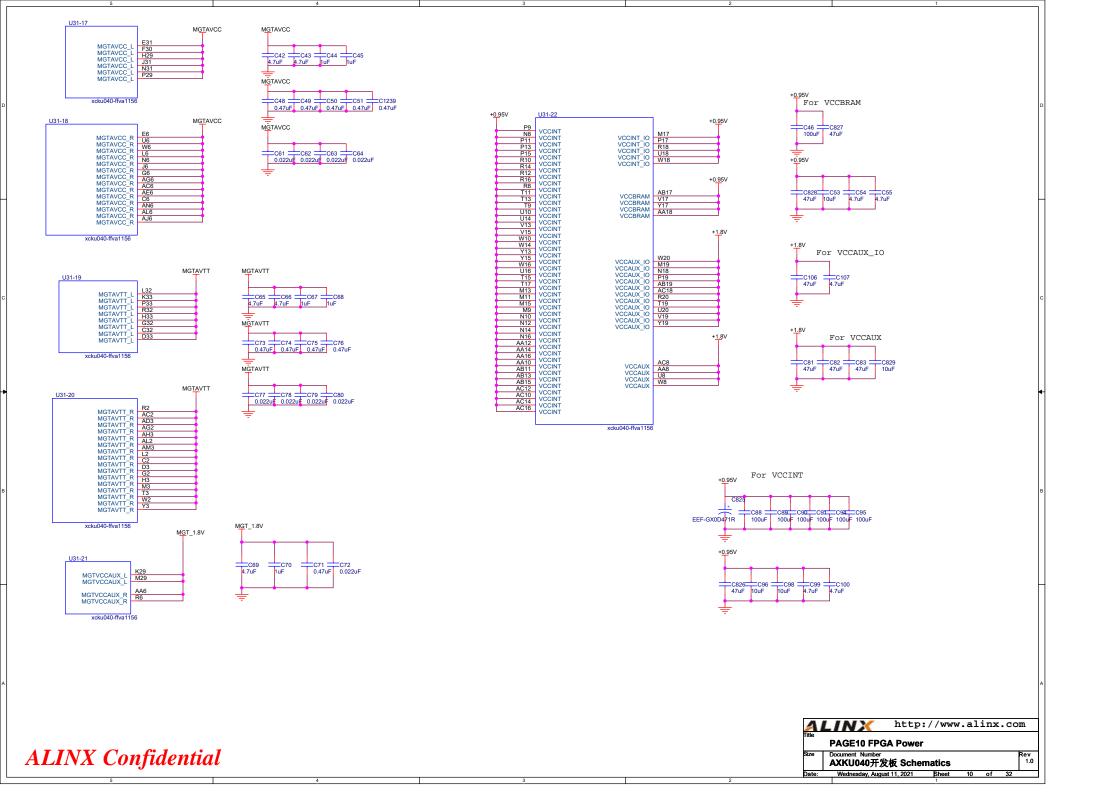
Title

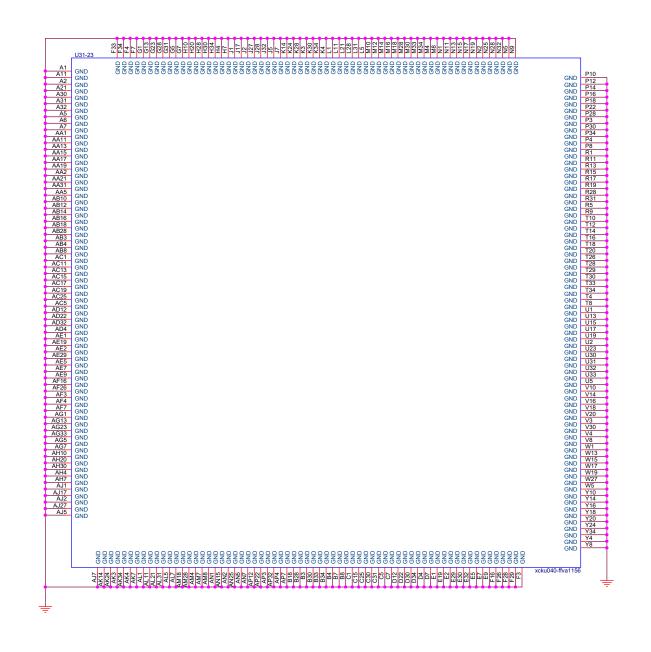
PAGE08 FPGA BANK34

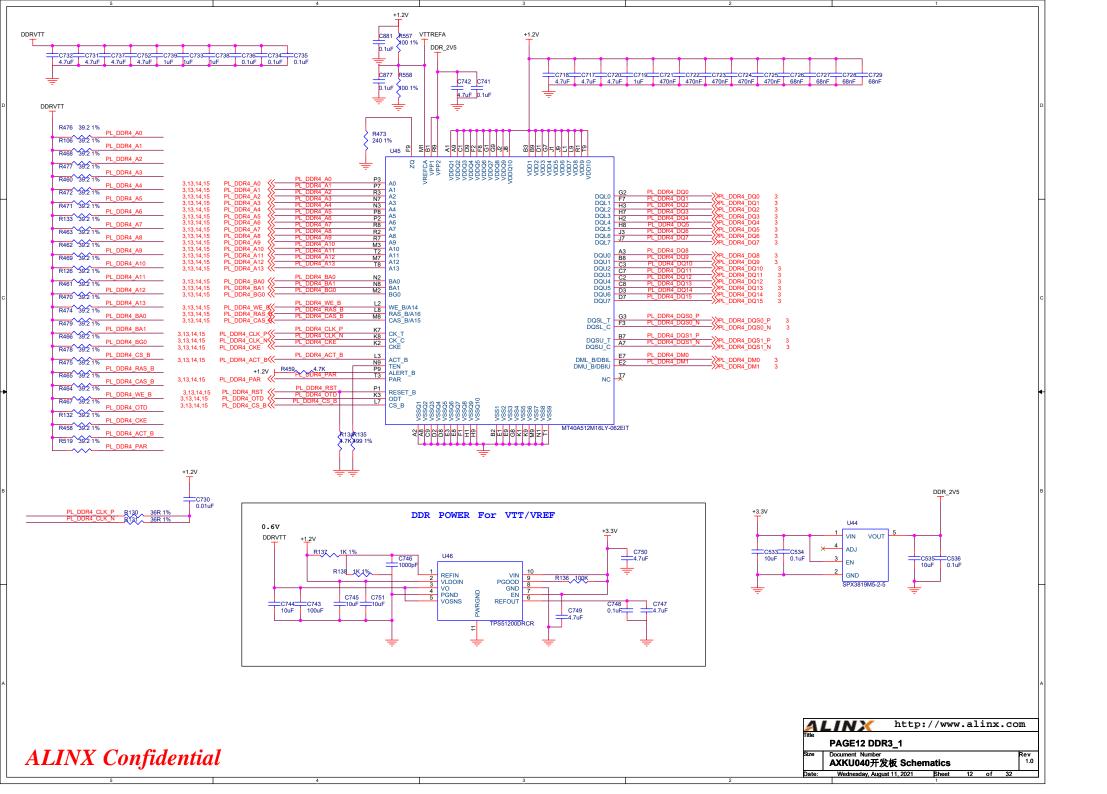
Size Document Number AXKU040开发板 Schematics 1.0

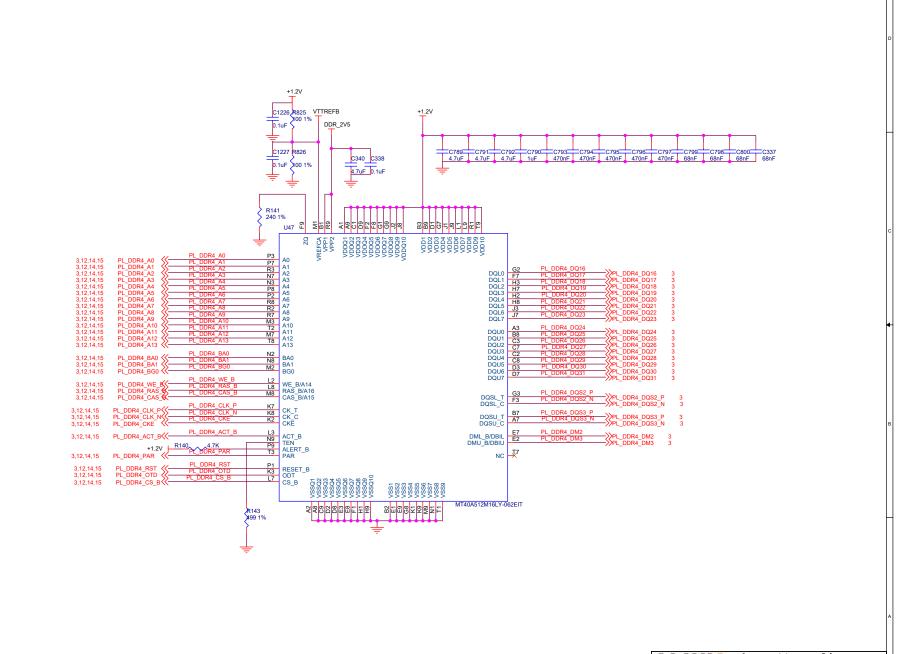
Date: Wednesday, August 11, 2021 Sheet 8 of 32





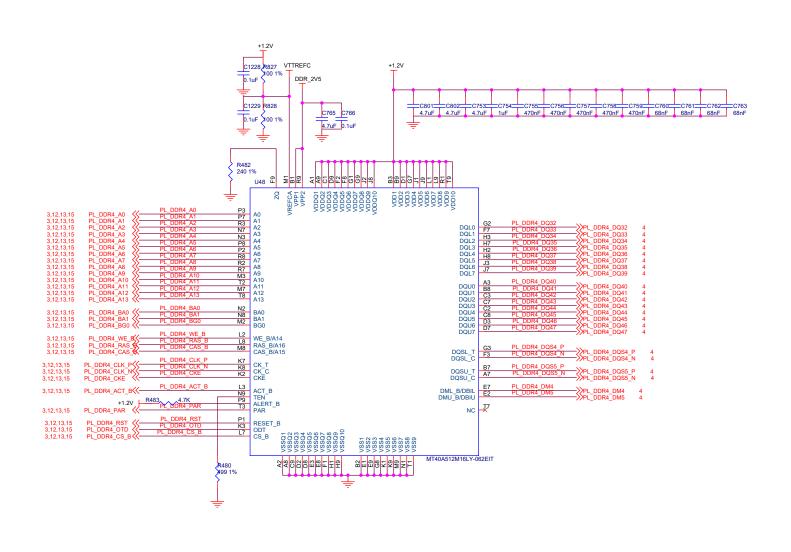






ALINX Confidential

http://www.alinx.com
Title
PAGE13 DDR3_2
Size Document Number AXKU040开发板 Schematics

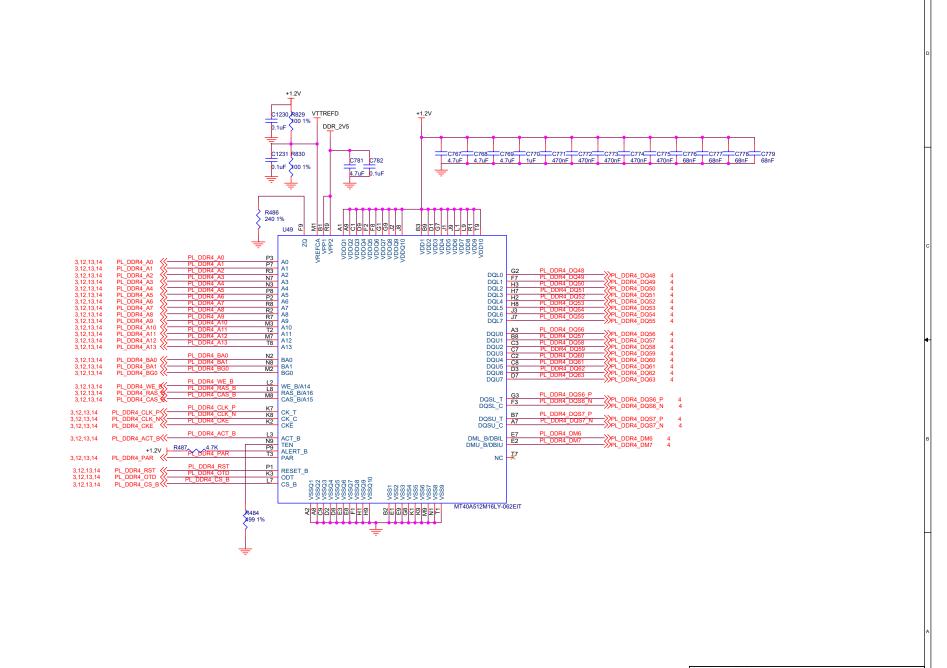


http://www.alinx.com

PAGE14 DIMM

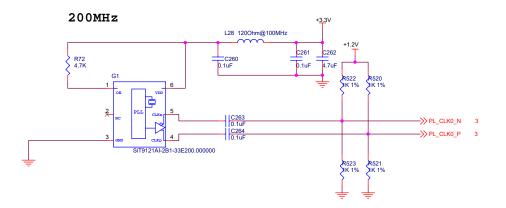
Size Document Number AXKU040开发板 Schematics

Date: Wednesday, August 11, 2021 Sheet 14 of 32

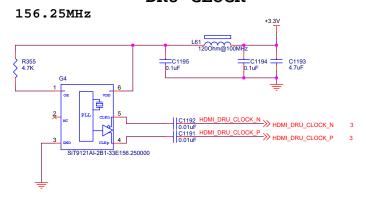


ALINX Confidential

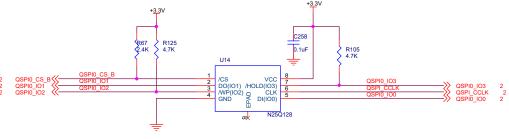
SYSTEM CLOCK



DRU CLOCK

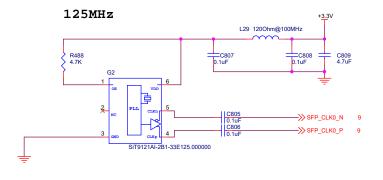


FPGA CONFIG SPI

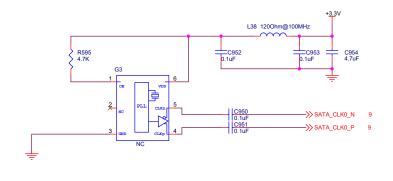


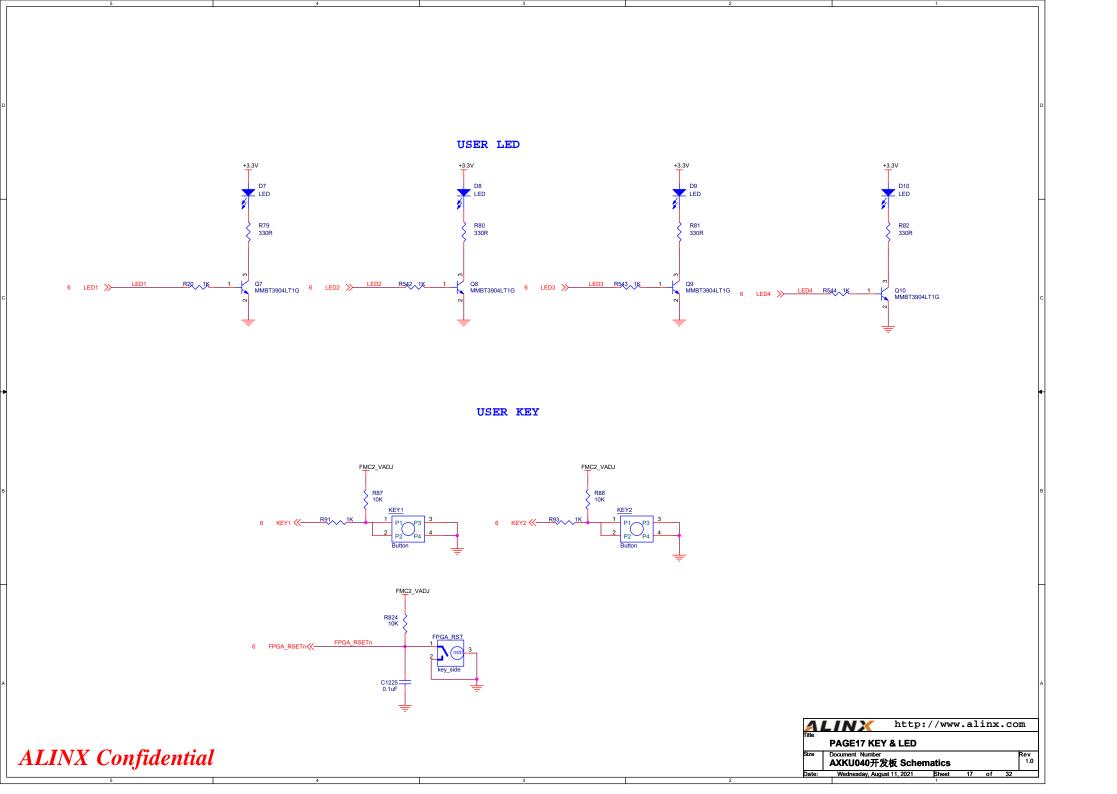
ALINX Confidential

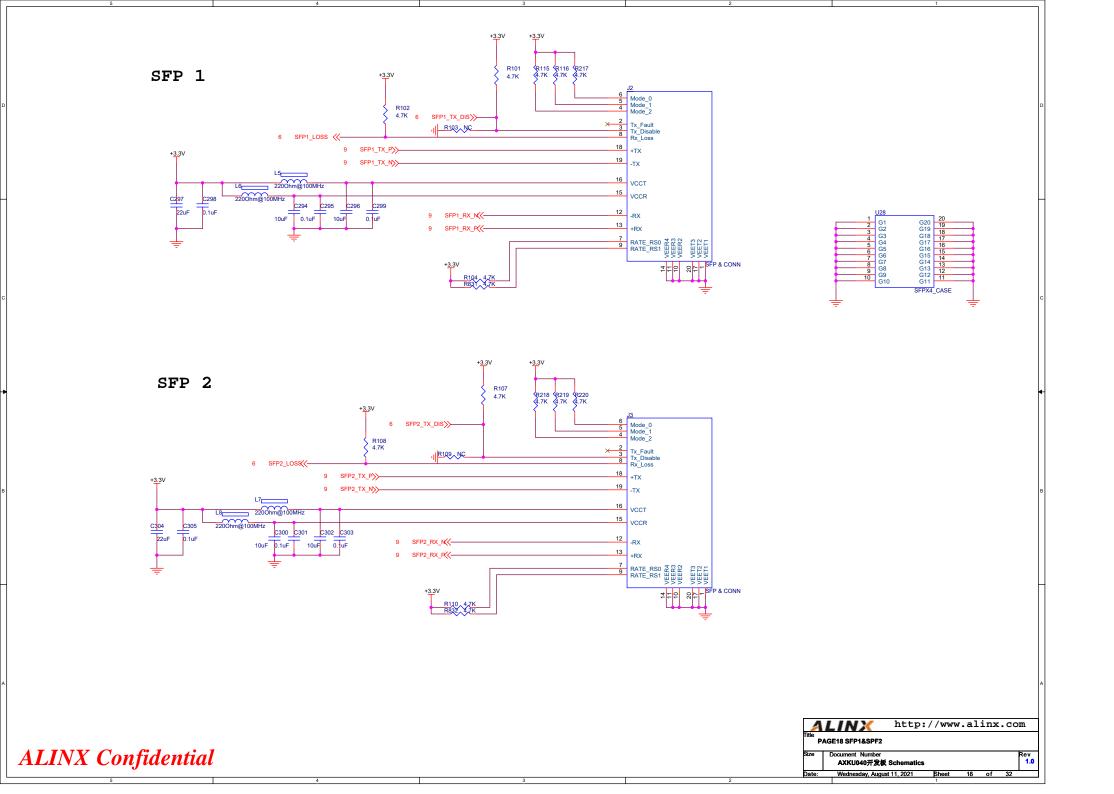
SFP CLOCK

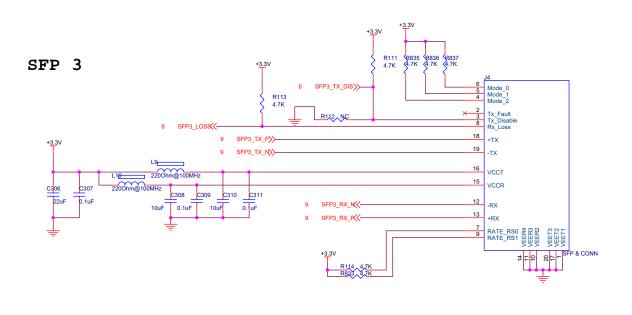


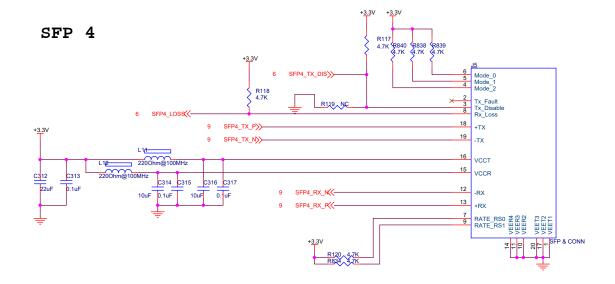
SATA CLOCK









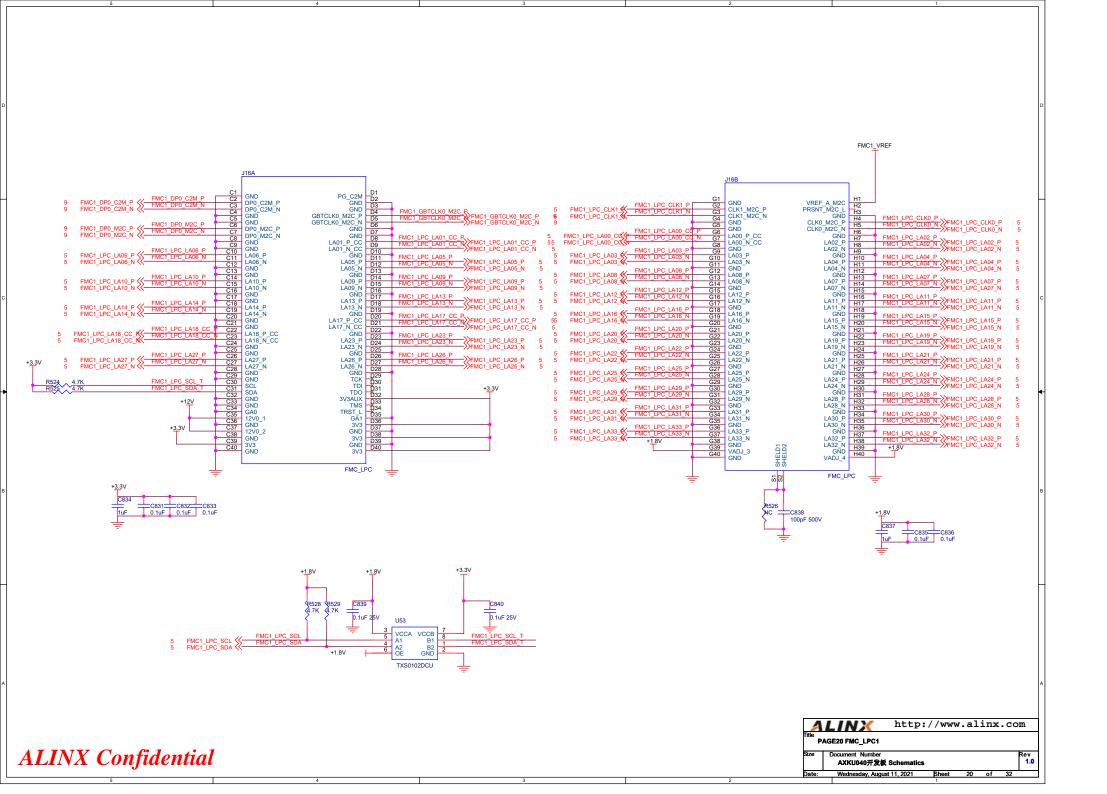


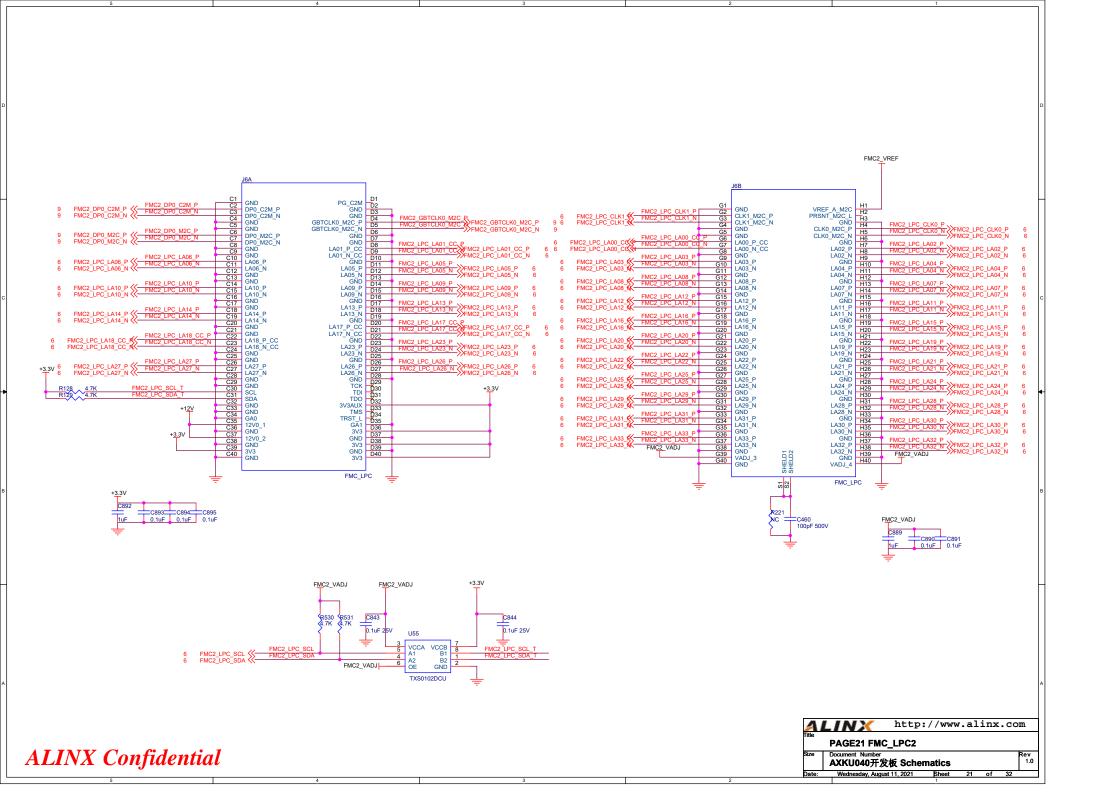
http://www.alinx.com

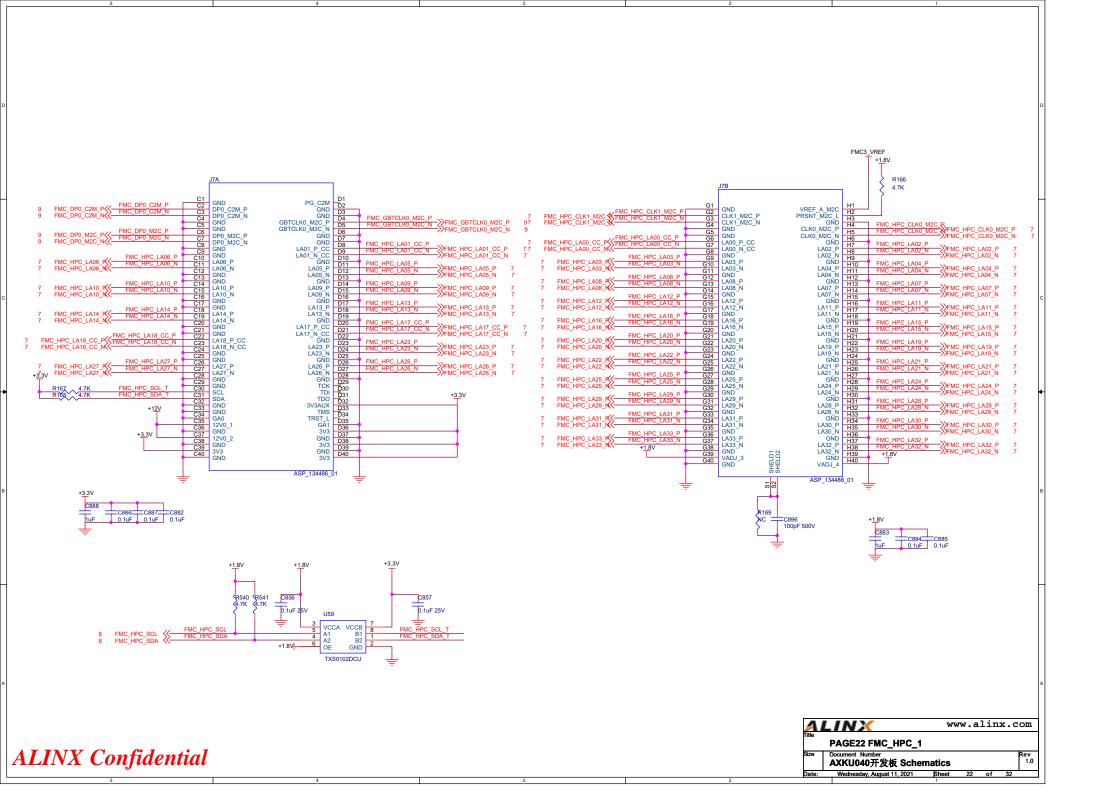
Title PAGE19 SFP3&SPF4

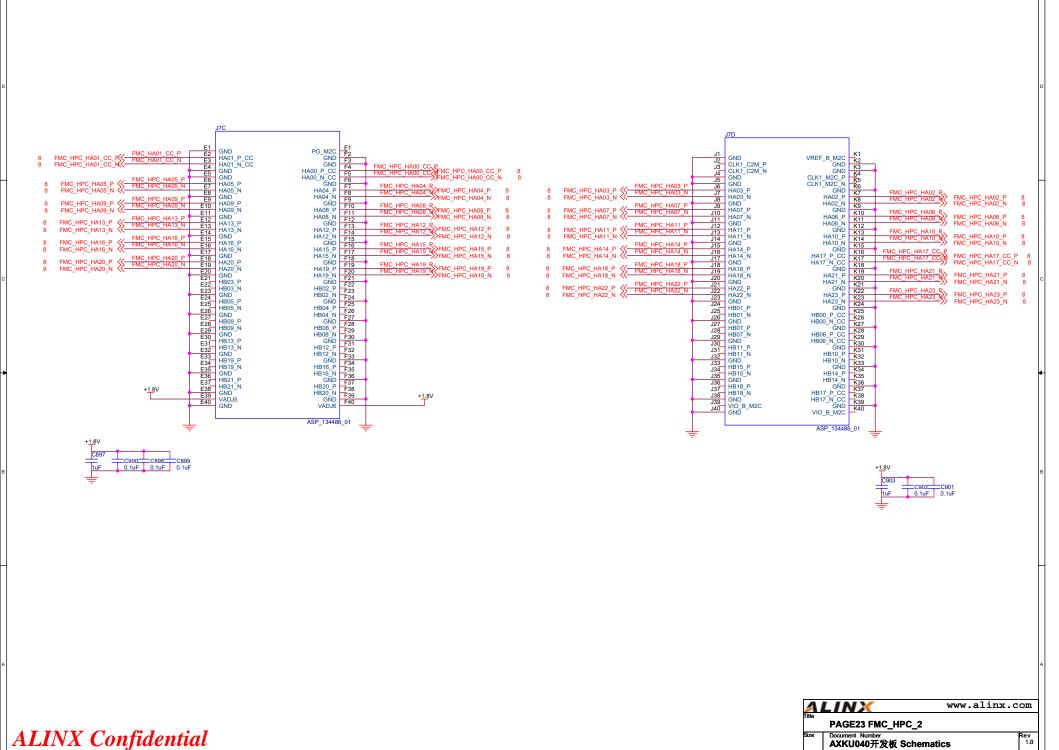
Size Document Number AXKU040开发板 Schematics Rev 1.0

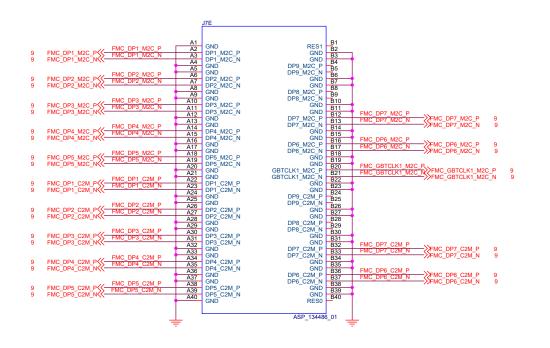
Date: Wednesday, August 11, 2021 Sheet 19 of 32



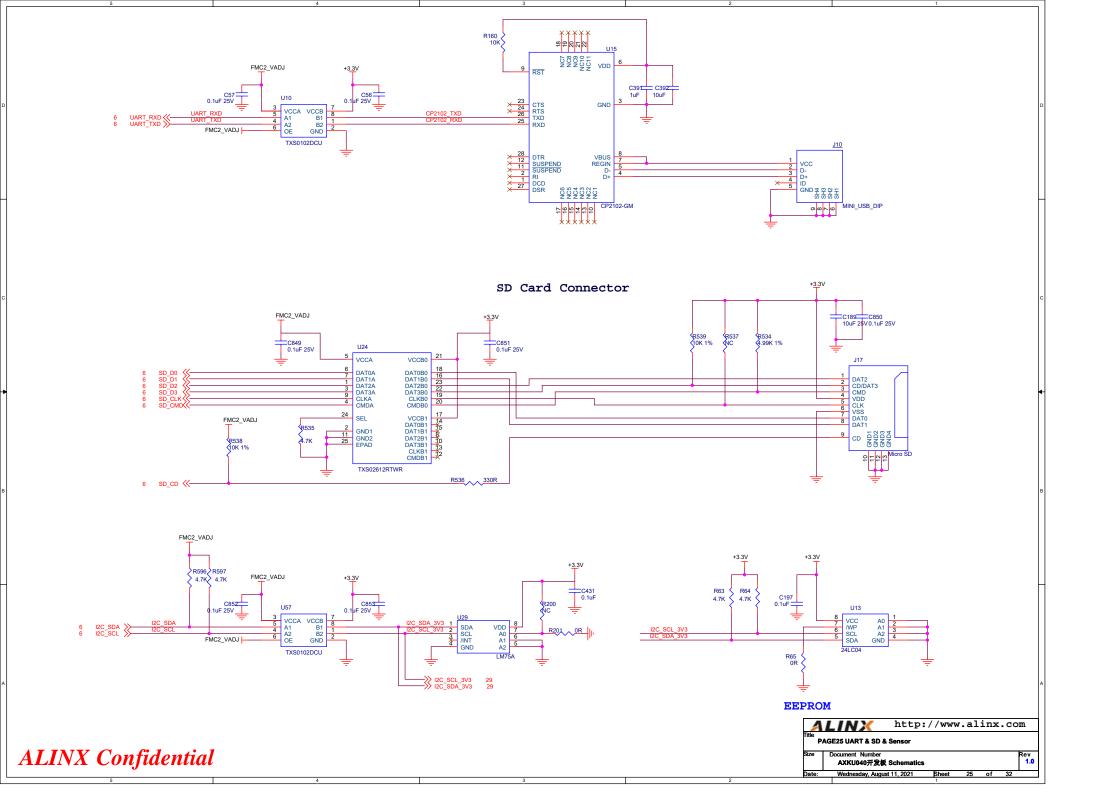


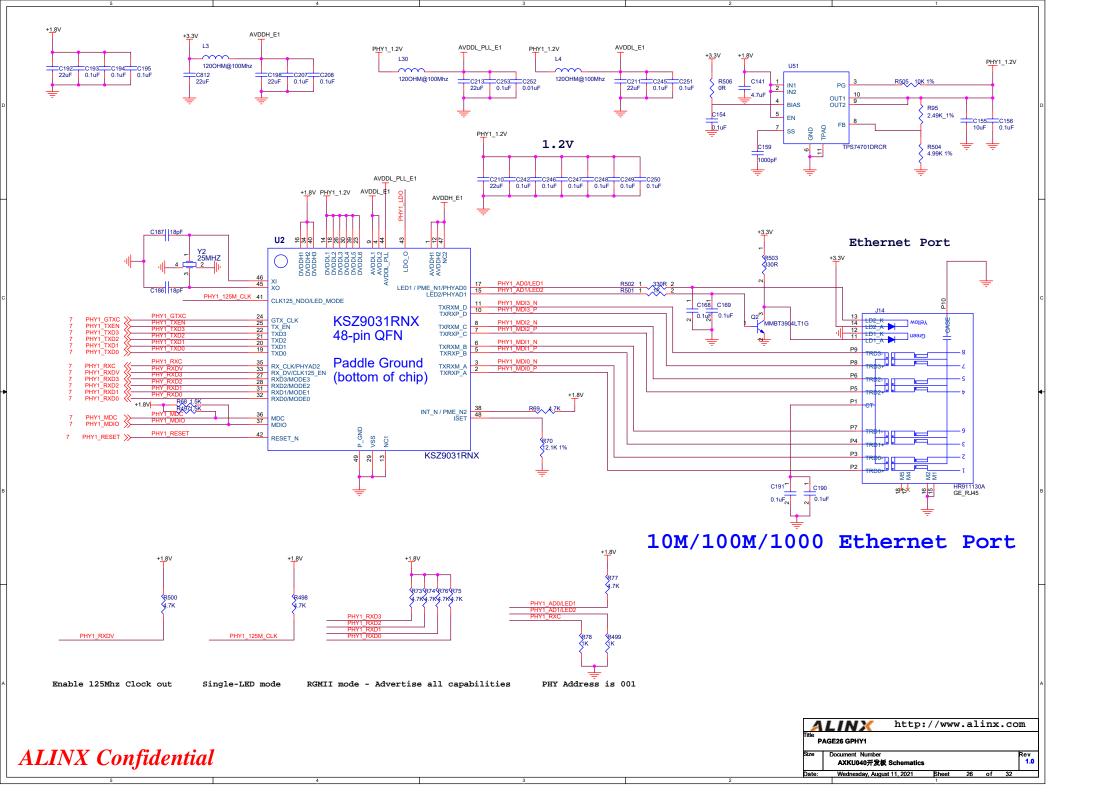


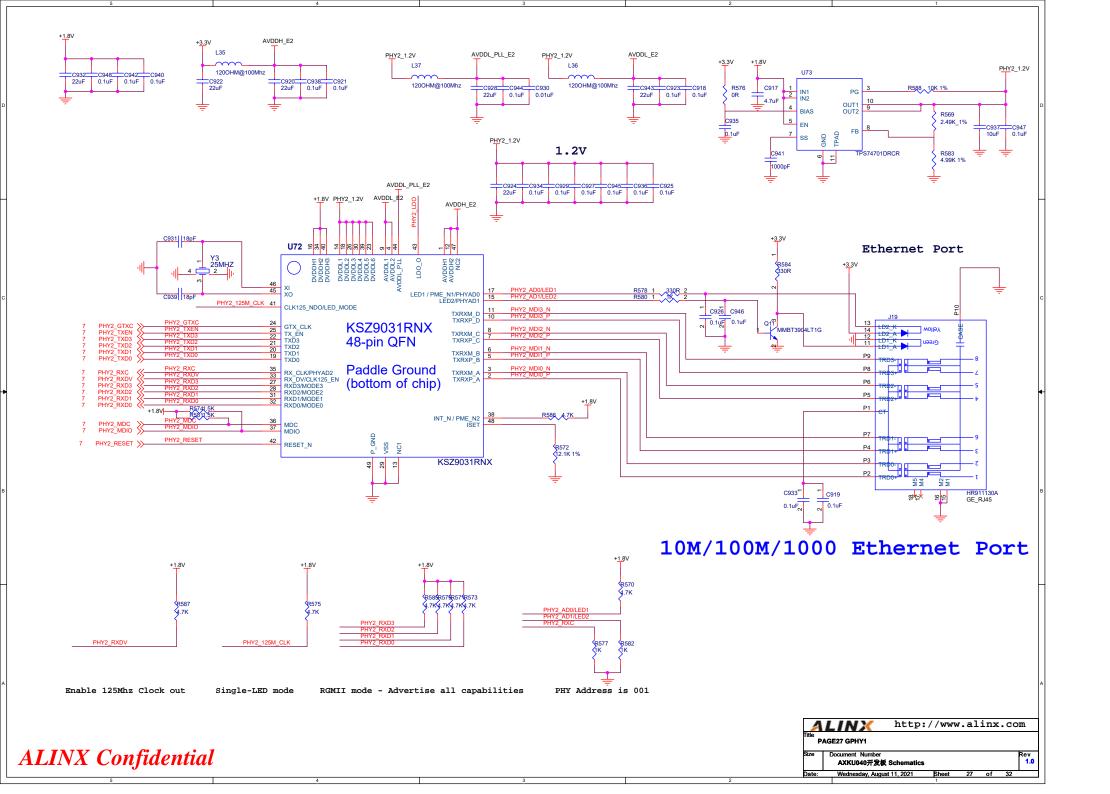


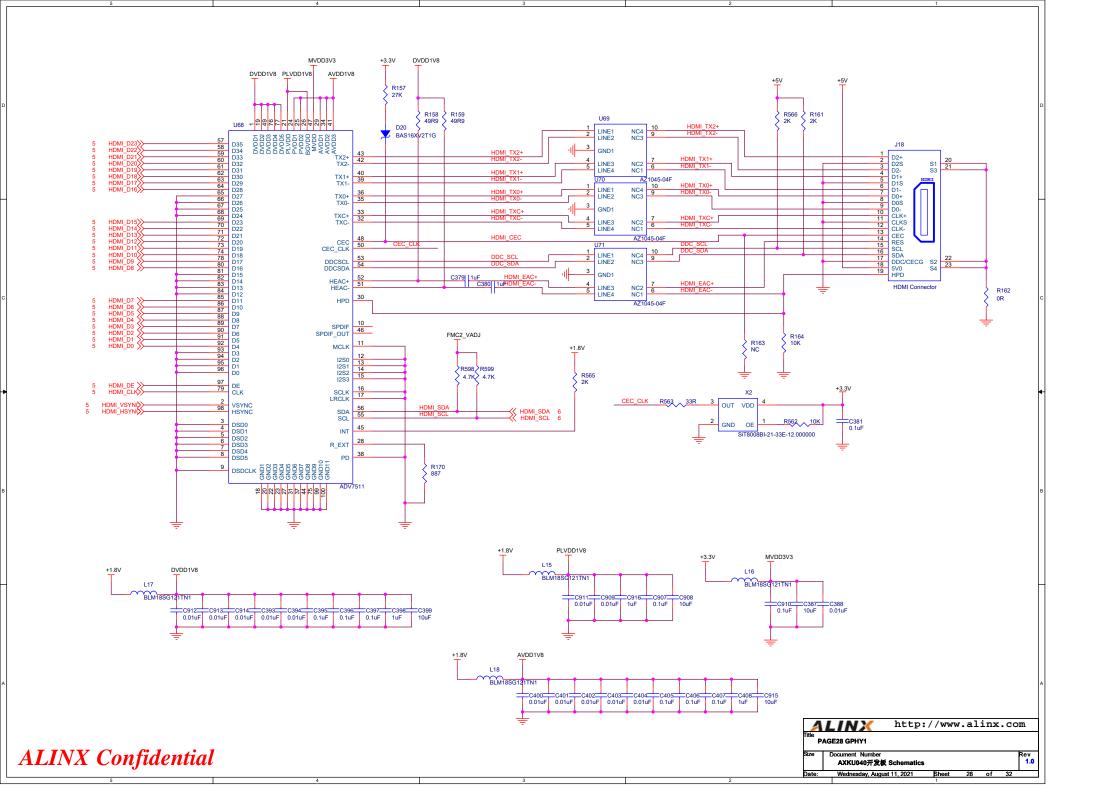


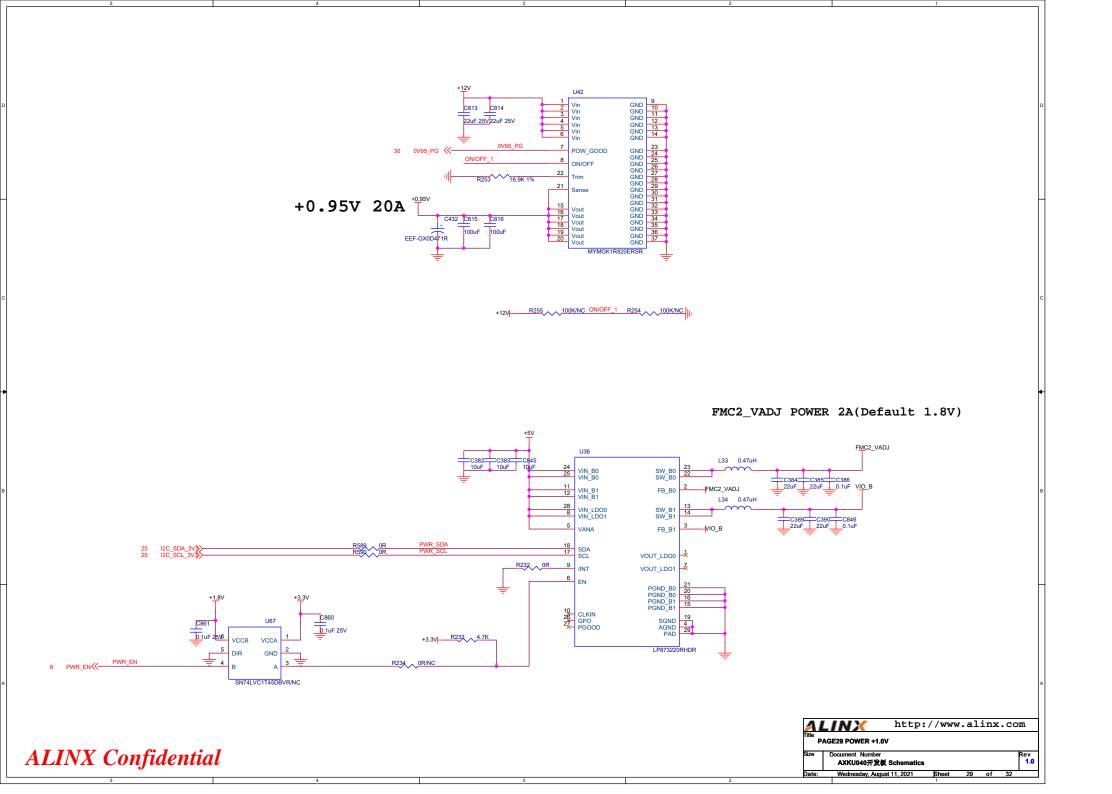
www.alinx.com
Title PAGE24 FMC_HPC_3
Size Document Number AXKU040开发板 Schematics 1.0
Date: Wednesday, August 11, 2021 Sheet 24 of 32

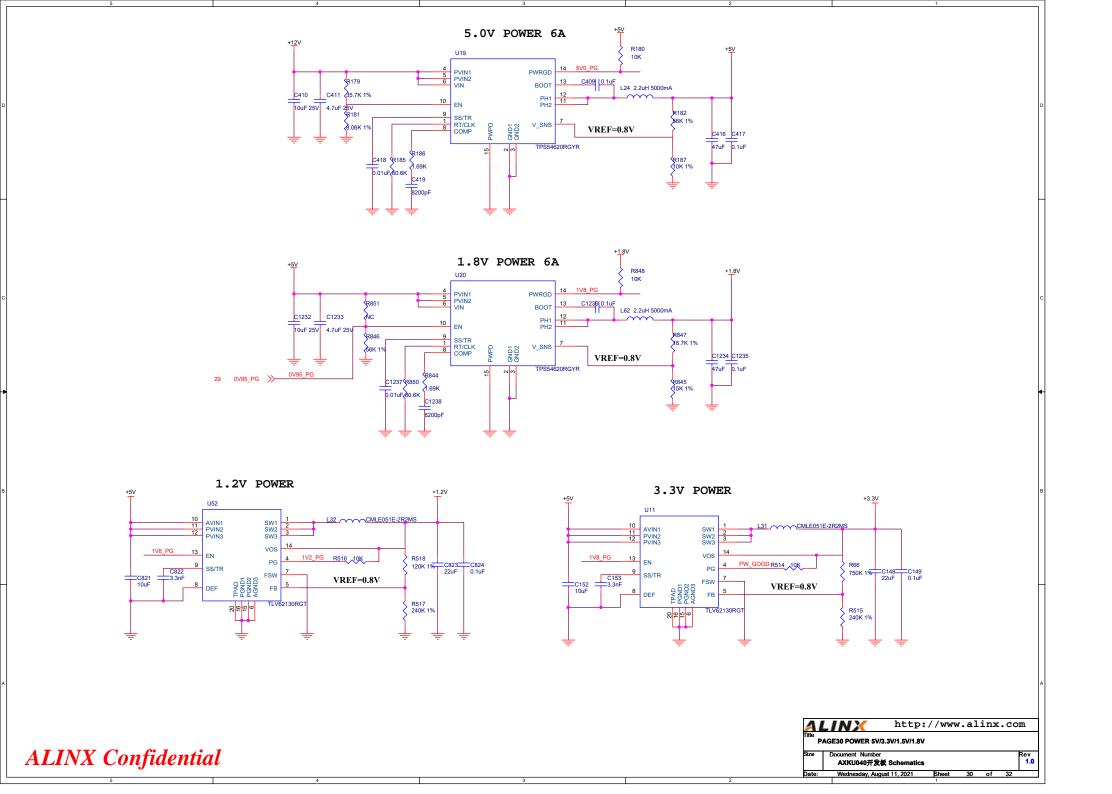




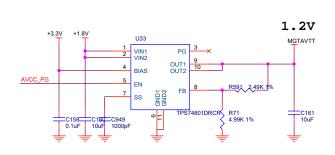


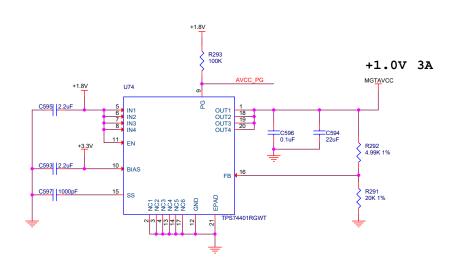


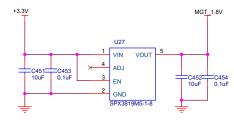




$Vout=0.8 \times (1 + R1/R2)$



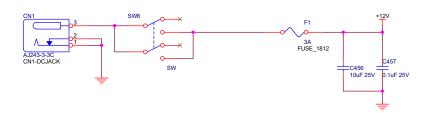


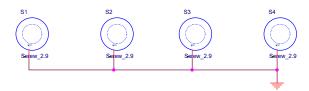


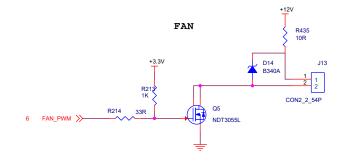
http://www.alinx.com
Title PAGE31 POWER MGT
Size Document Number AKKU040开发版 Schematics Rev 1.0
Date: Wednesday, August 11, 2021 Sheet 31 of 32

ALINX Confidential

12V/3A AC Adapter







http://www.alinx.com
Title PAGE32 POWER IN
Size Document Number
AXKU040开发被Schematics Rev
1.0
Date: Wednesday, August 11, 2021 Sheet 32 of 32