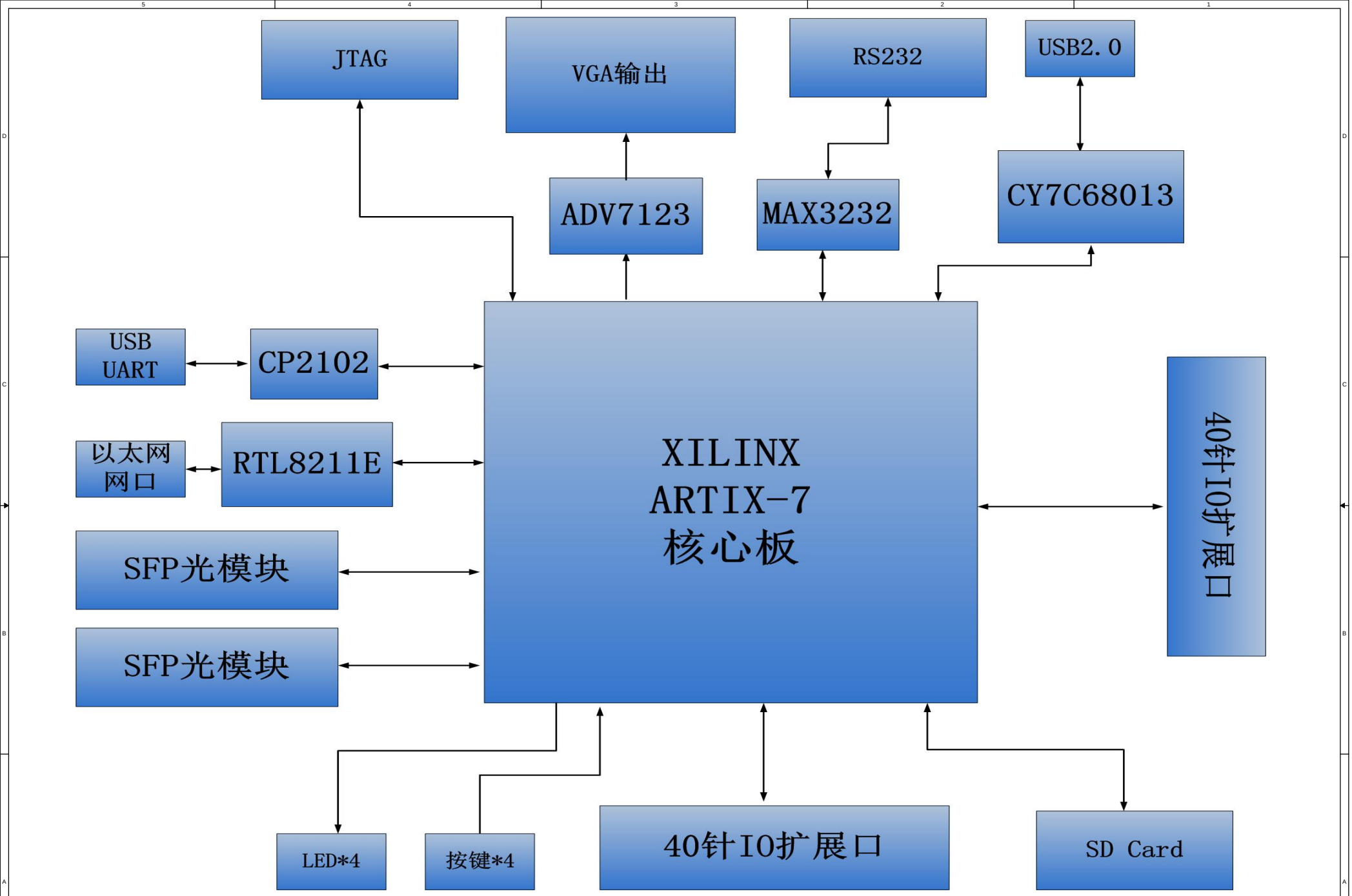

ALINX Http://www.heijin.org

Title: Block Diagram

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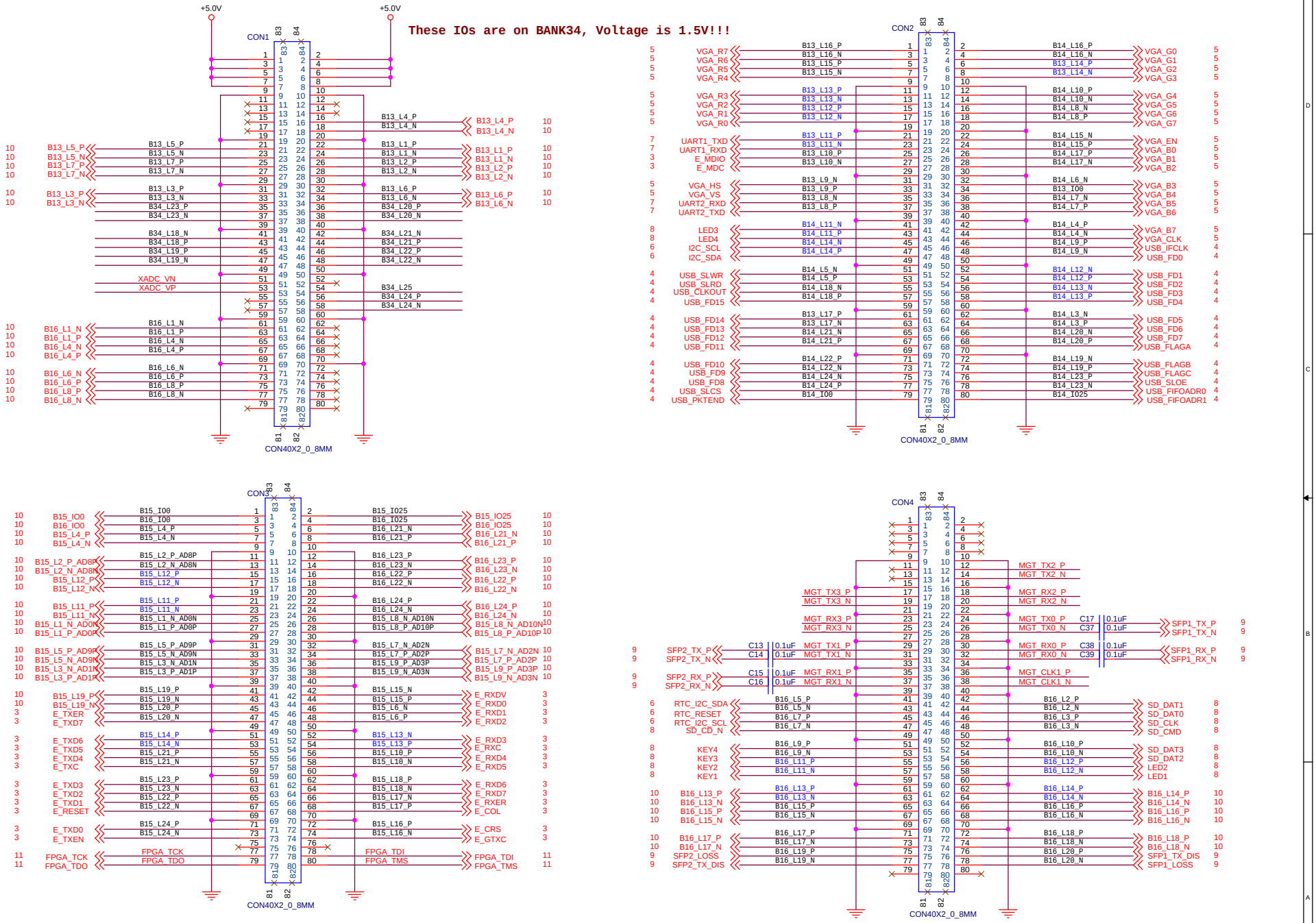

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ALINX	Http://www.heijin.org	
Title	PAGE02 Board Connector	
Size: Custom	Document Number: AX7102 扩展板原理图	Rev: 1.0
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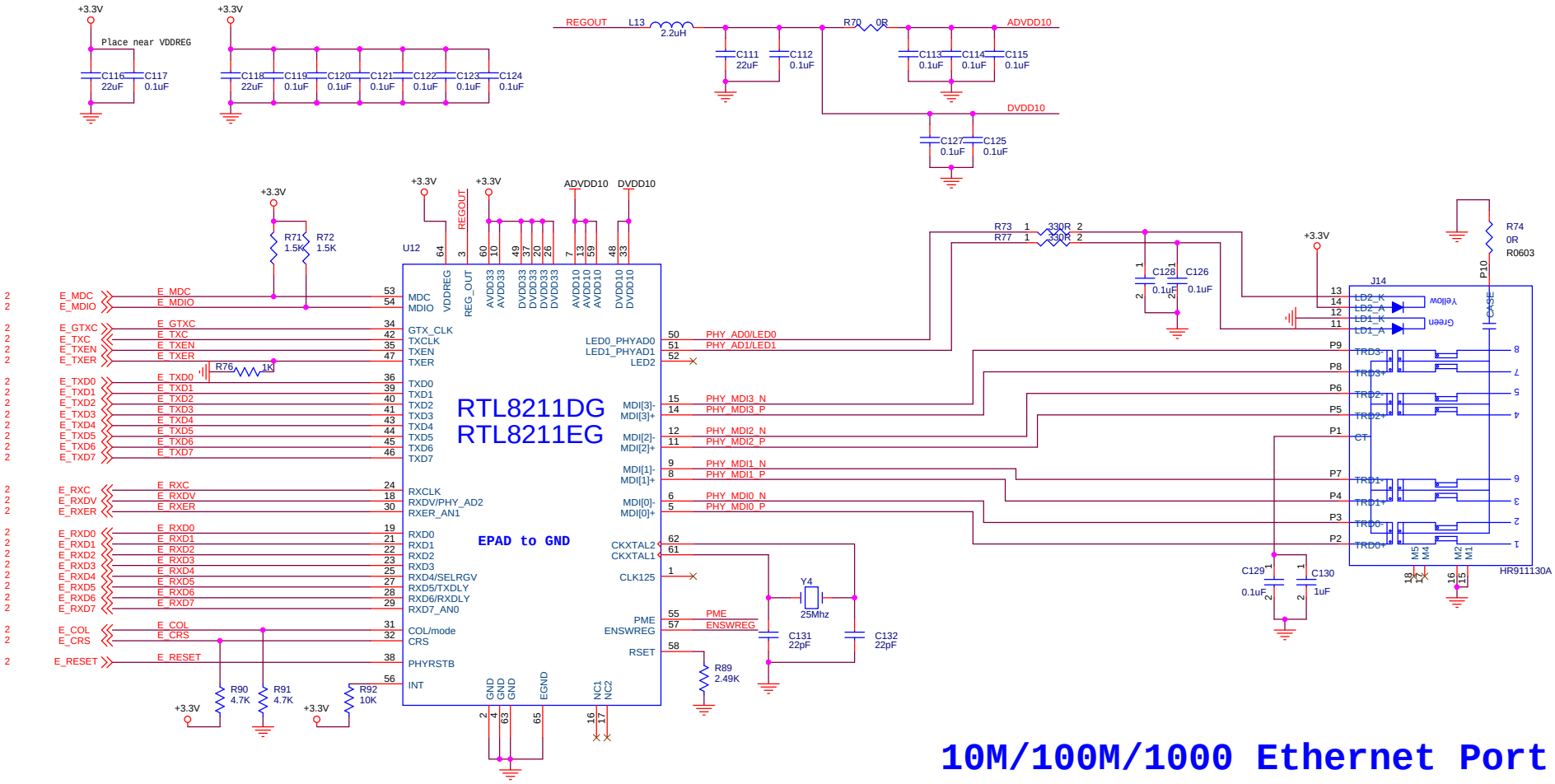

Enable Switching regulator

PHY ADDRESS = 001b

Pull up for 3.3V RGMII & GMII

Auto-Negotiation(NWay) Configuration

TX/RX Delay

Pull down for GMII

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ALINX	Http://www.heijin.org	
Title: PAGE03 Ethernet		
Size	Document Number: AX7102 扩展板原理图	Rev: 1.0
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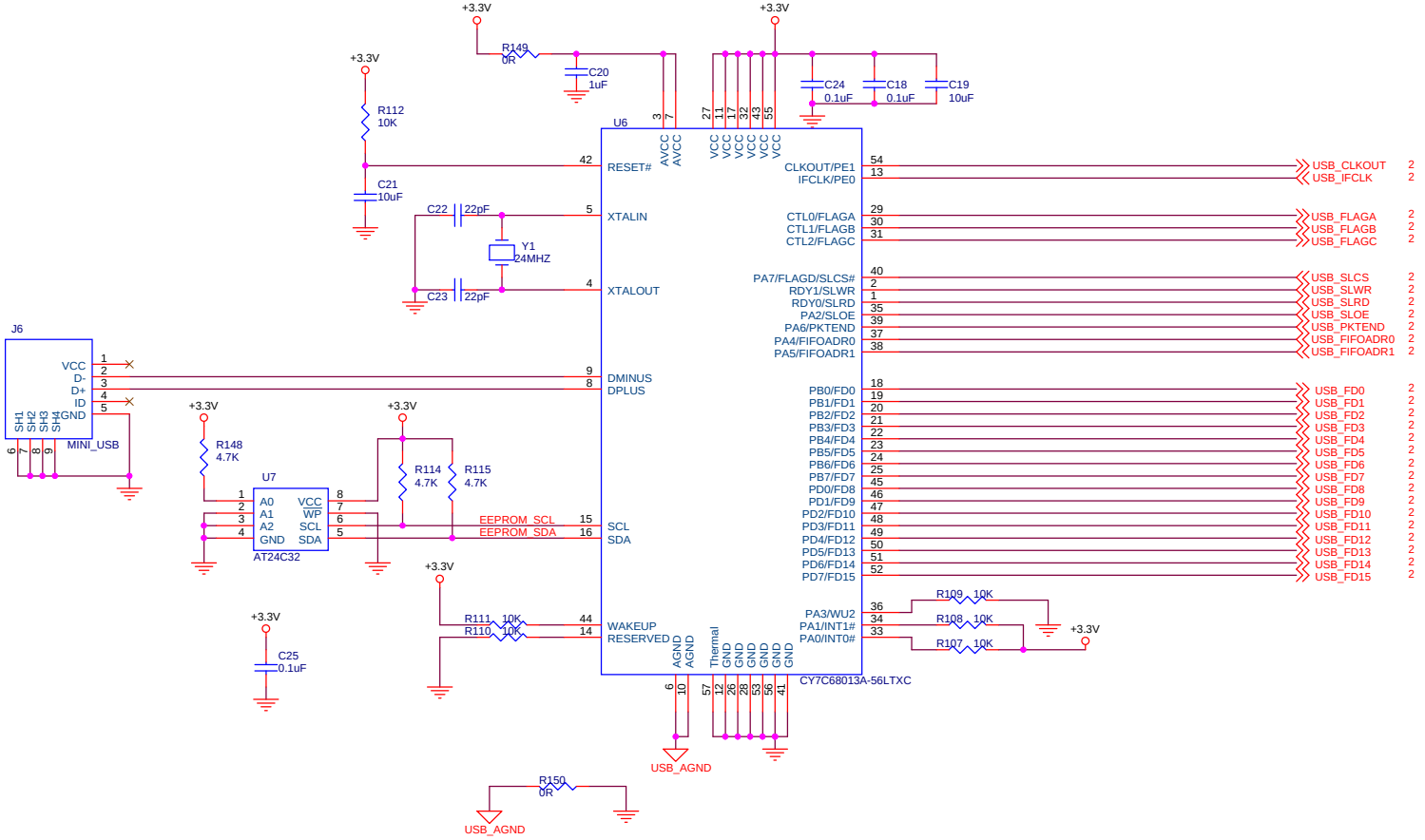

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ALINX	Http://www.heijin.org	
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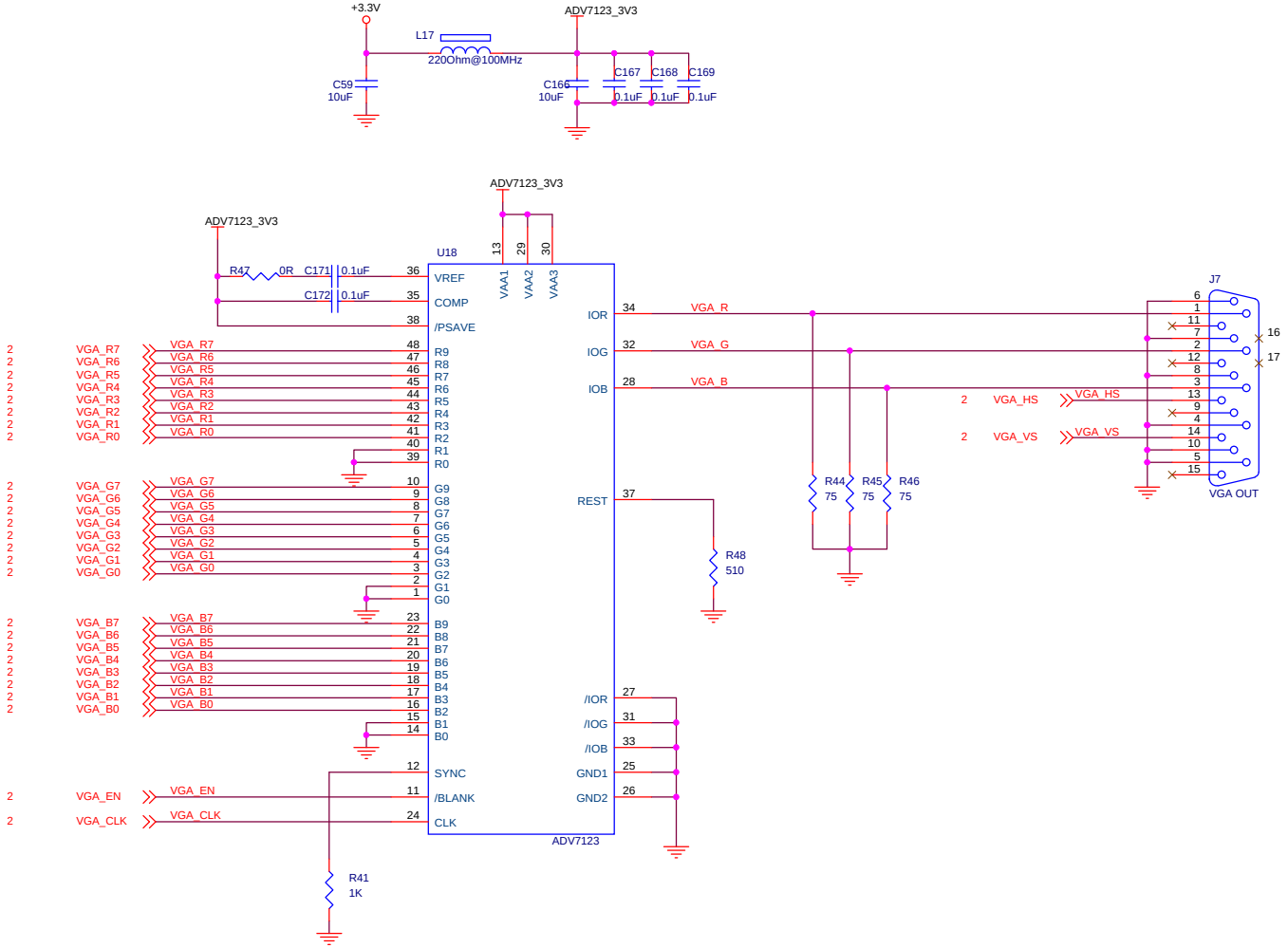
Size	Document Number: AX7102 扩展板原理图	Rev: 1.0
Date: Friday, March 10, 2017	Sheet 4 of 11	



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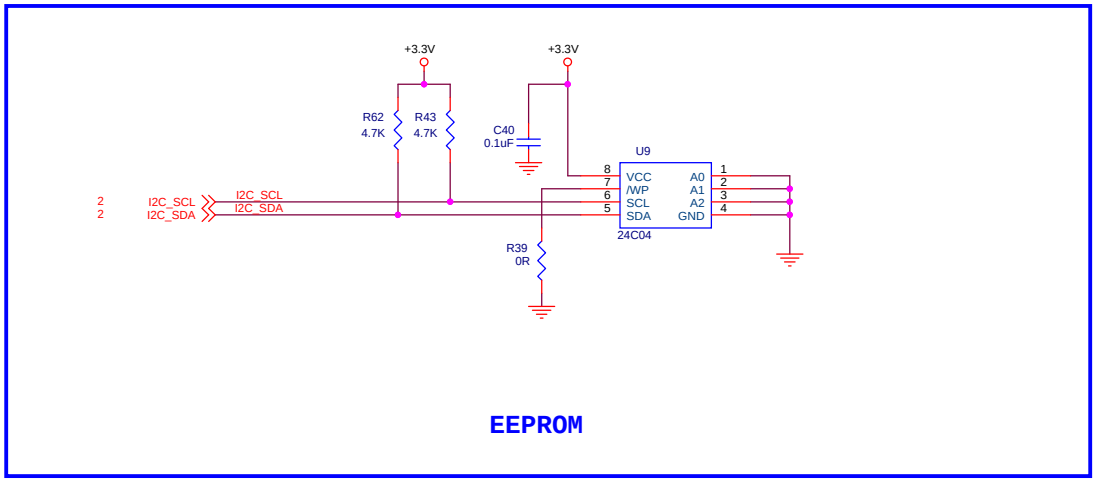
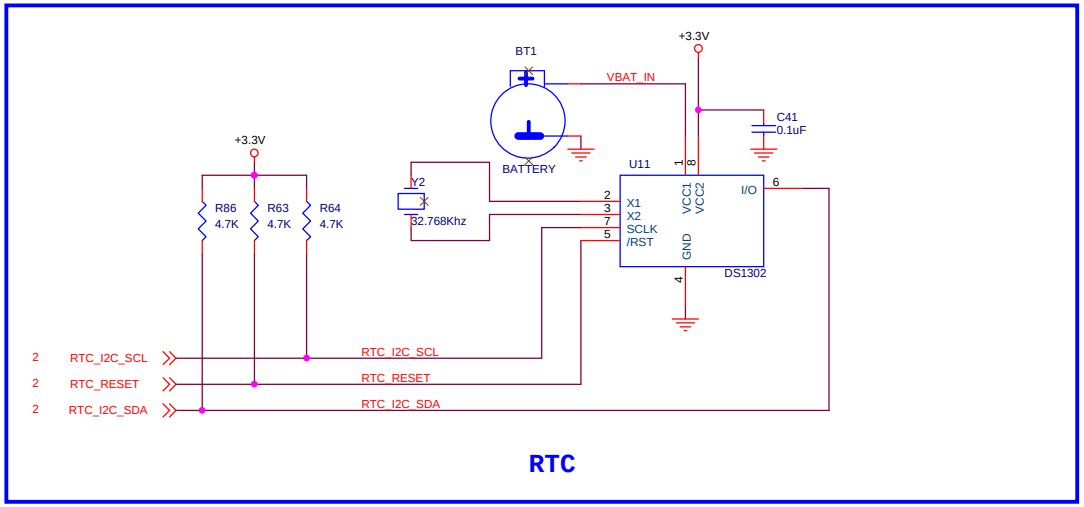
ALINX	Http://www.heijin.org	
Title	PAGE05 VGA OUT	
Size	Document Number: AX7102 扩展板原理图	Rev: 1.0
Date: Friday, March 10, 2017	Sheet 5 of 11	





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ALINX	Http://www.heijin.org
Title	PAGE06 RTC & EEPROM
Size	Document Number: AX7102 扩展板原理图
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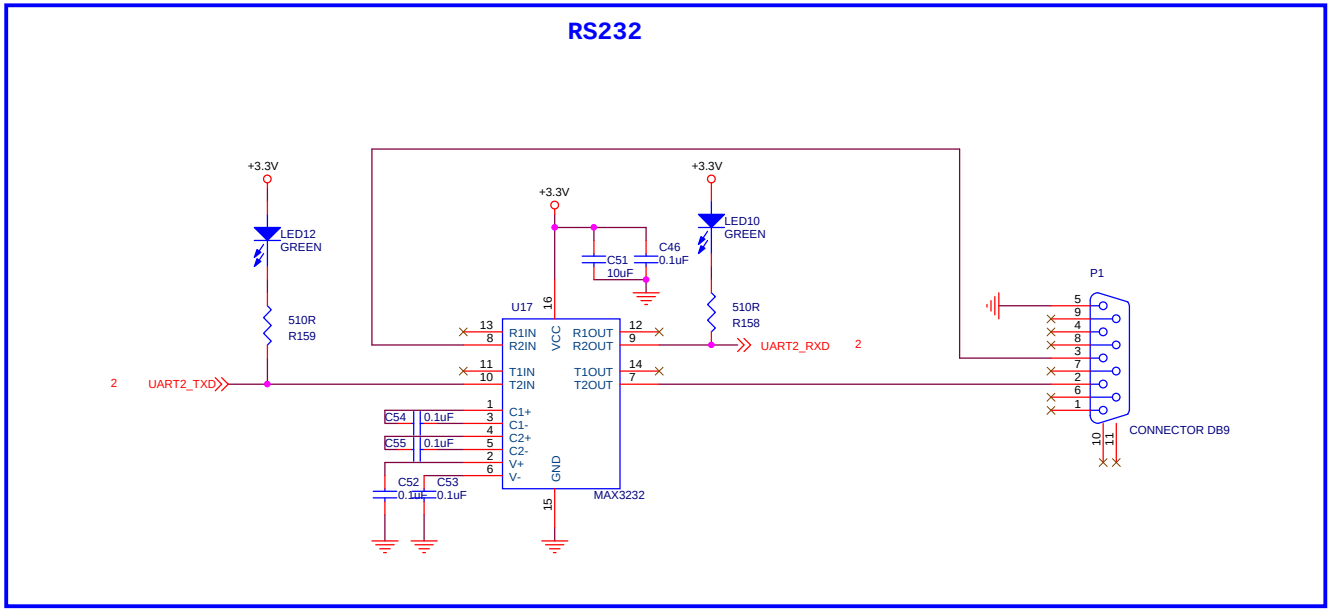
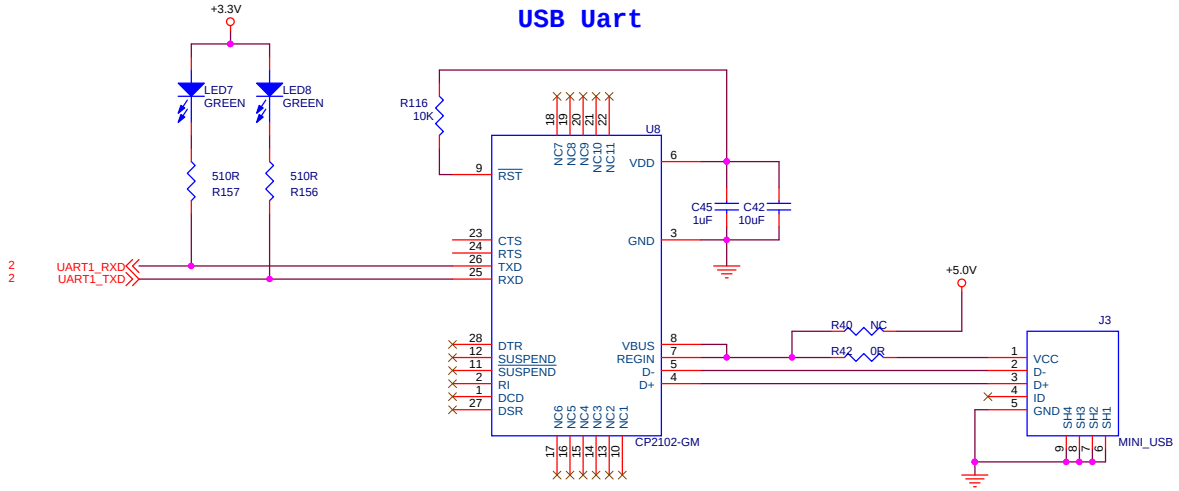
RS232



USB Uart



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Title	PAGE07 USB UART & RS232	
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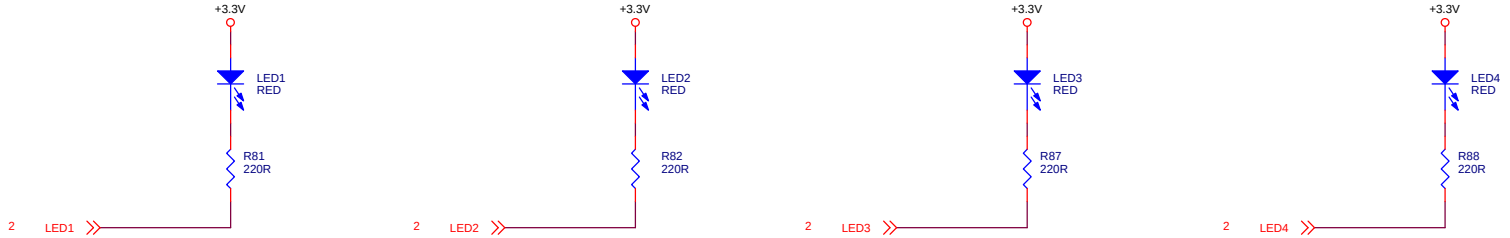
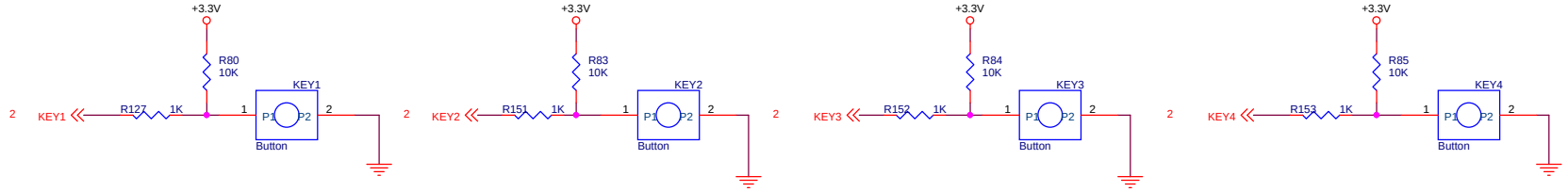
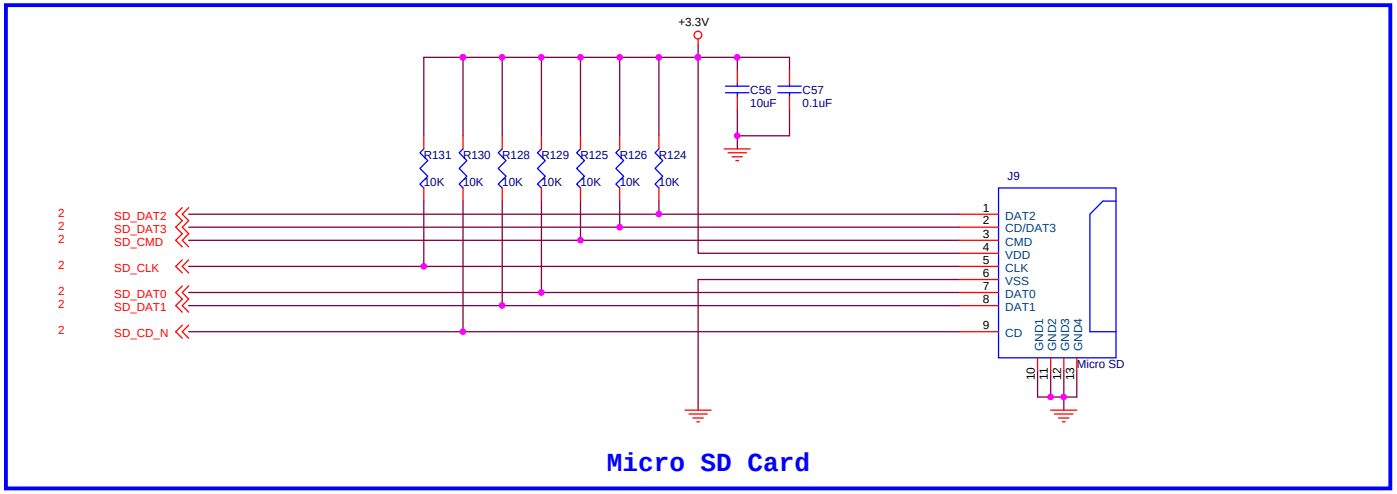
USER LED



USER KEY





Micro SD Card

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ALINX	Http://www.heijin.org	
Title	PAGE08 SD & KEY & LED	
Size	Document Number: AX7102 扩展板原理图	Rev: 1.0
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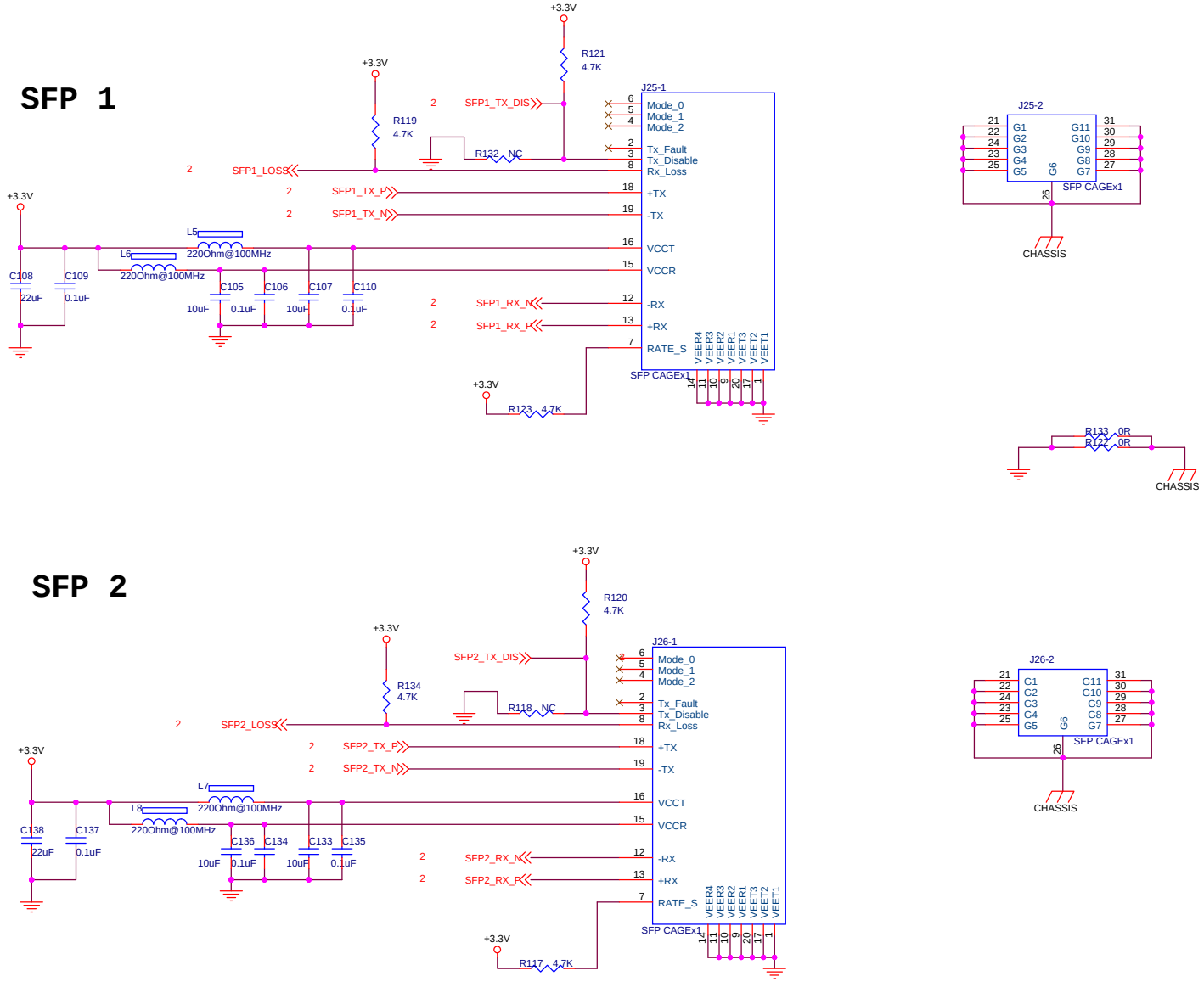

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ALINX	Http://www.heijin.org	
Title: PAGE09 SFP		
Size	Document Number: AX7102 扩展板原理图	Rev: 1.0
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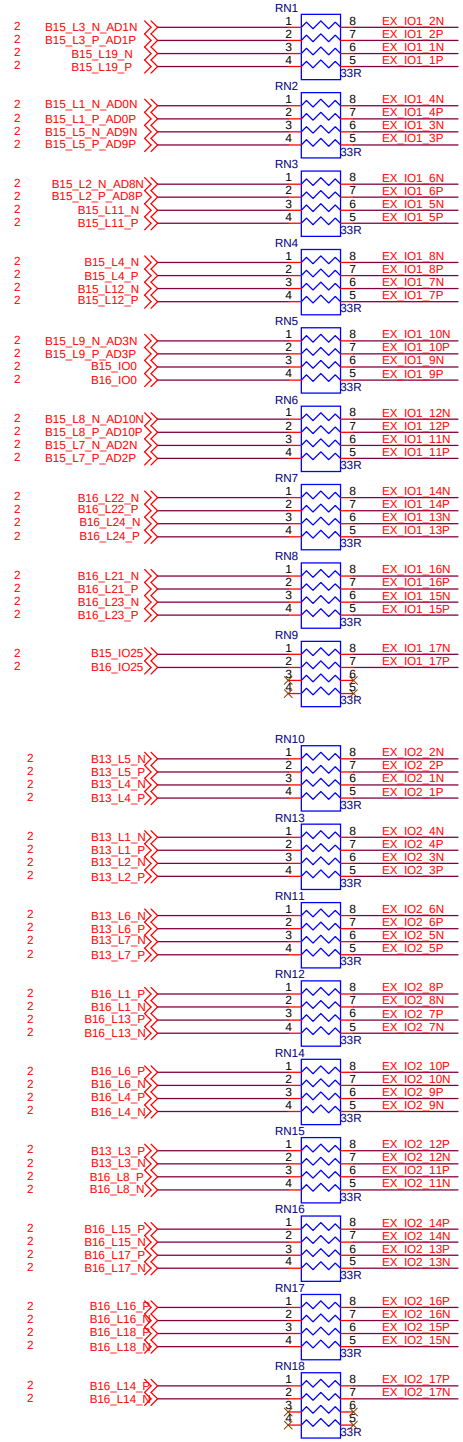
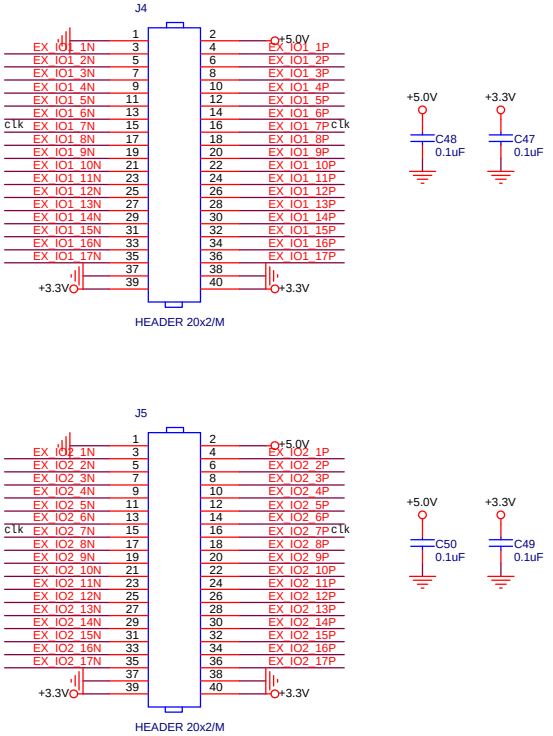


FPGA 40 PIN External IO



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Title	PAGE10 EX IO	
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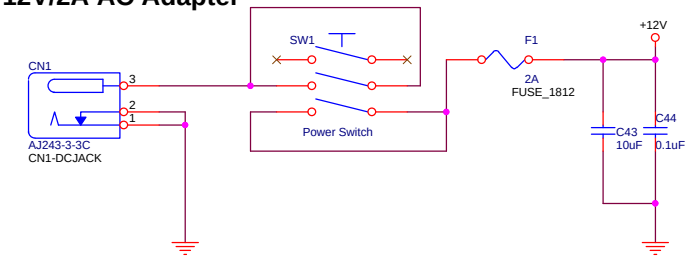
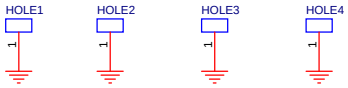
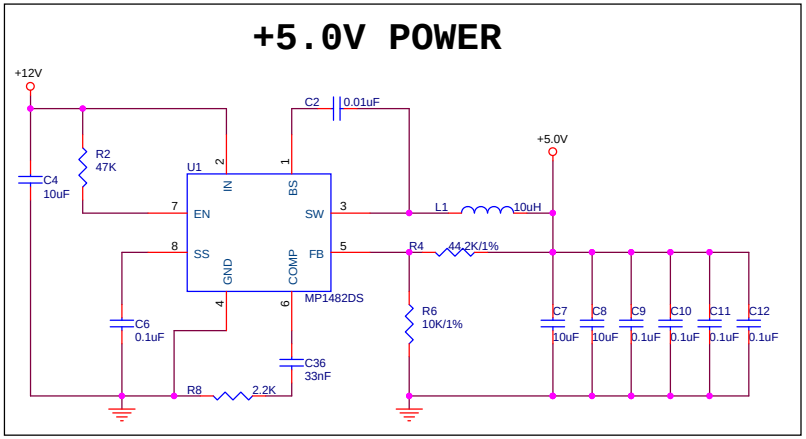
12V/2A AC Adapter

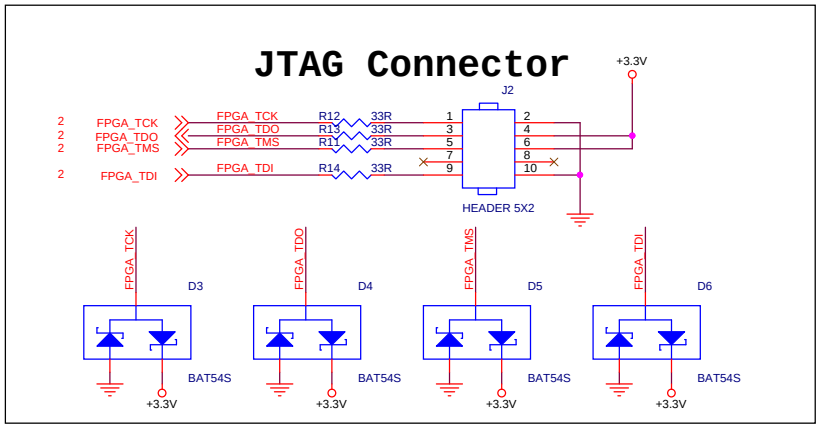




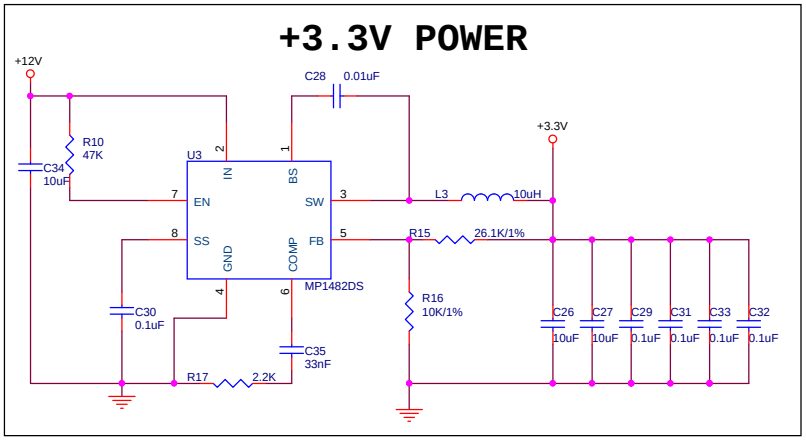
+5.0V POWER

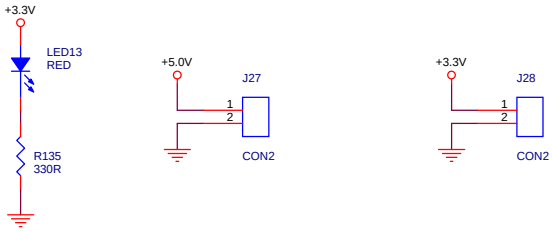


JTAG Connector



+3.3V POWER





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