

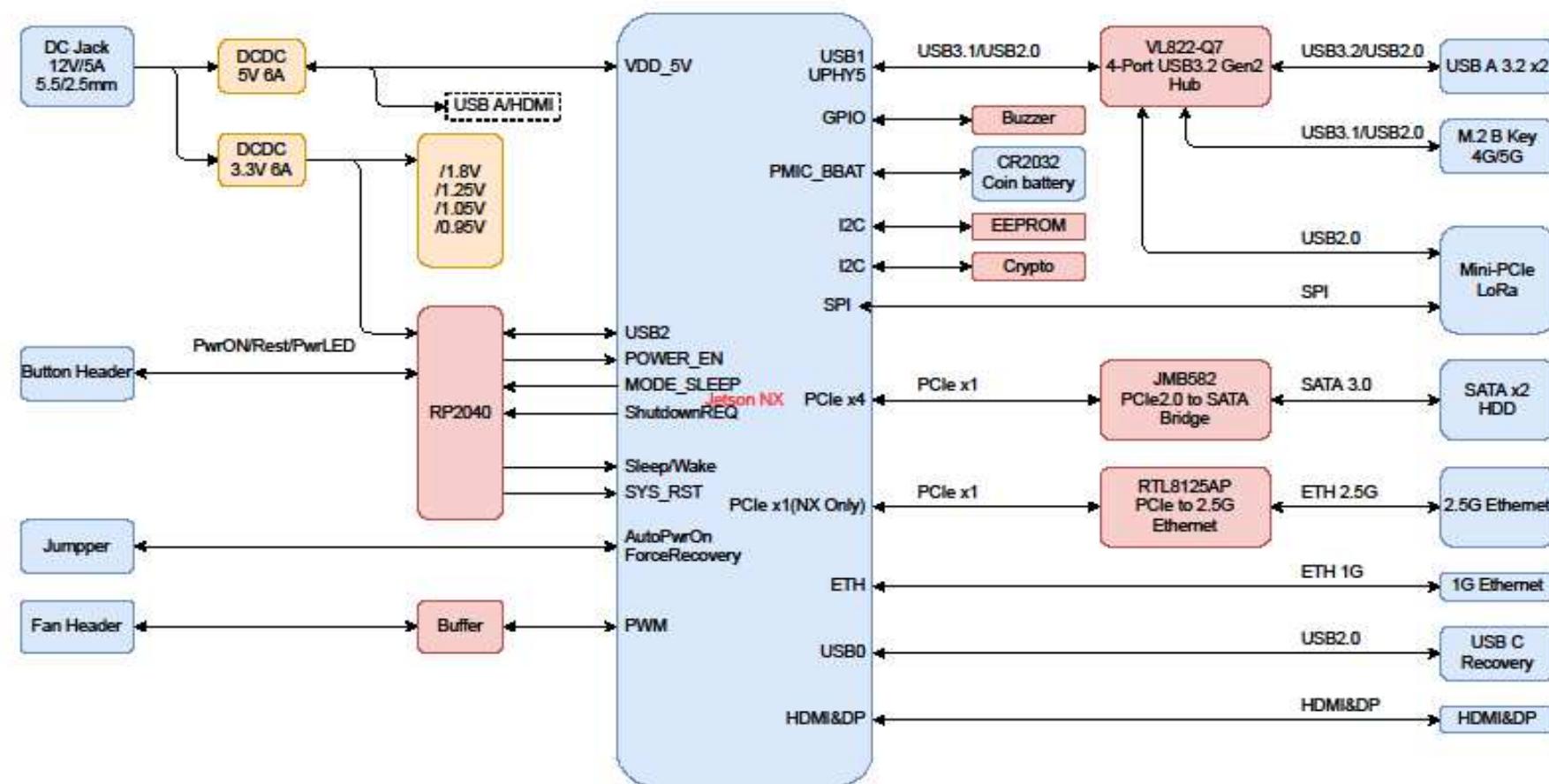
**Schematic reServer J2032**

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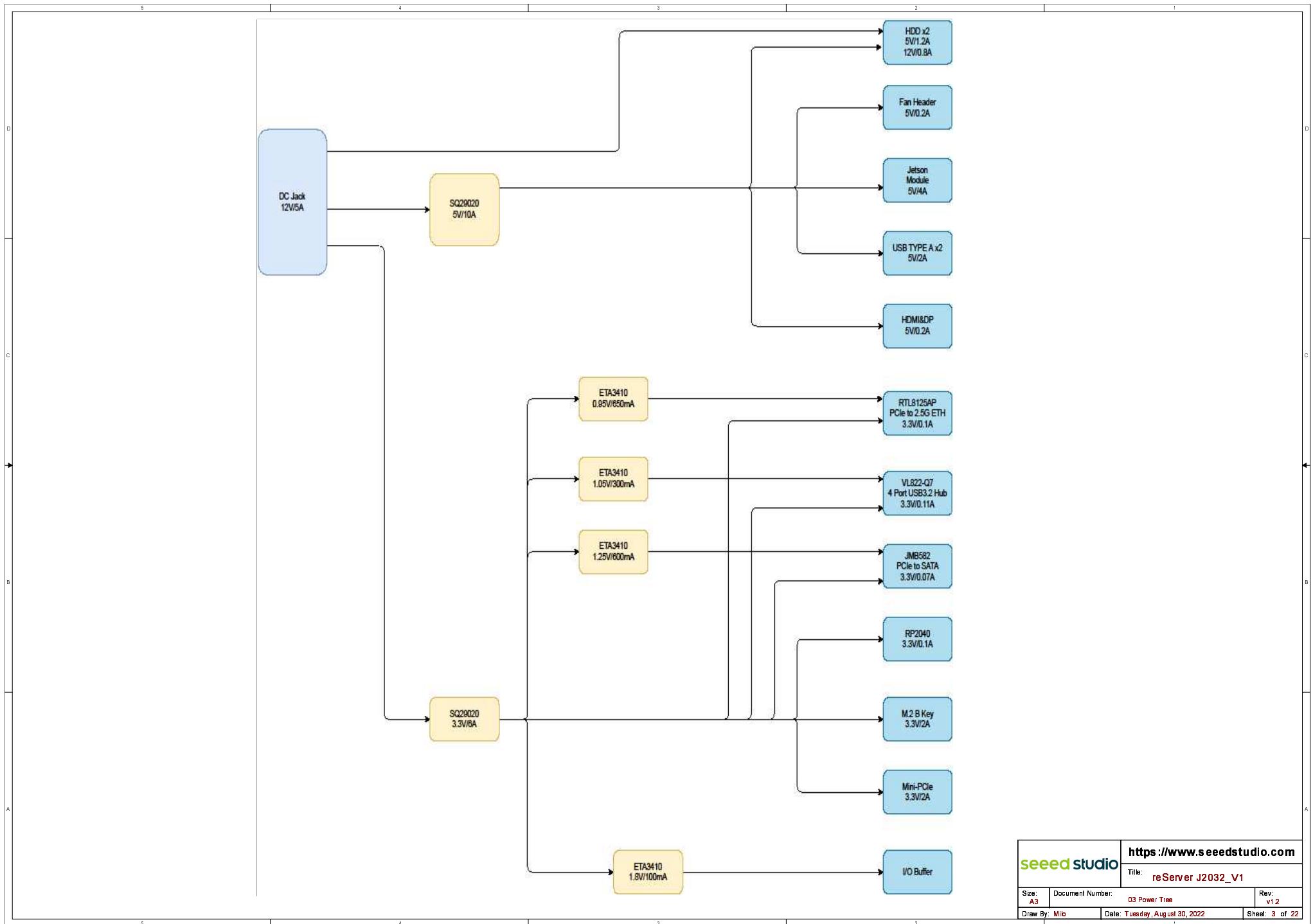
**Revision History**

DATE	REVISION	DESCRIPTION
2022/02/15	v0.1	First version
2022/06/29	v1.0	Add NX FAN connector J22 Accurate overvoltage protection circuit using TL431 Add 2pin header for Automatic power on
2022/07/14	v1.1	Add case fan power control circuit including Q42,Q43,R285,R293,R294,R295,R296
2022/07/28	v1.1	Changed D1 from SMBJ13CATR7 (13V) to SMBJ24CA (24V)
2022/08/25	v1.2	Changed SATA connector J10,J12 package PCB version changed to v1.2

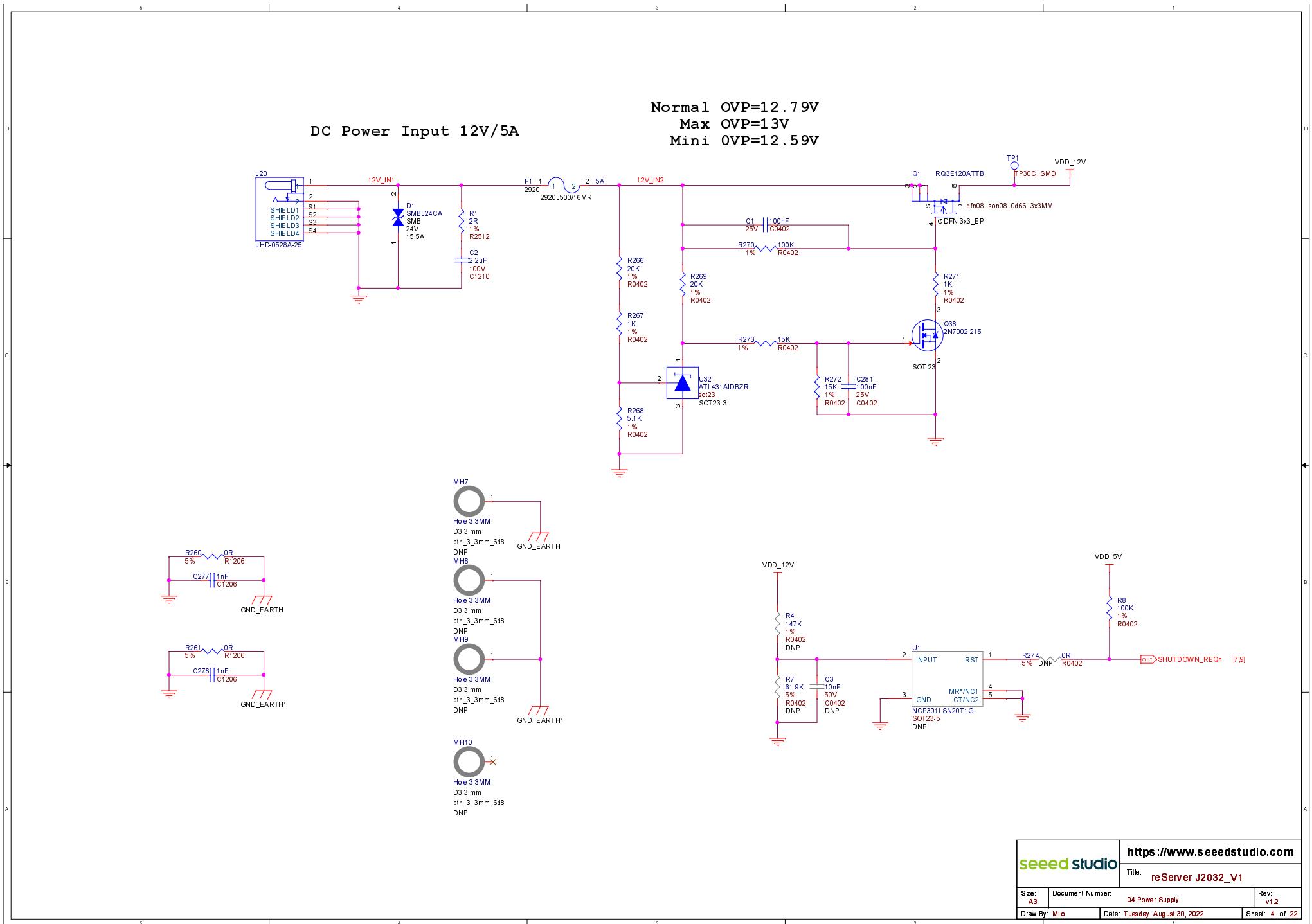
## reServer J2032

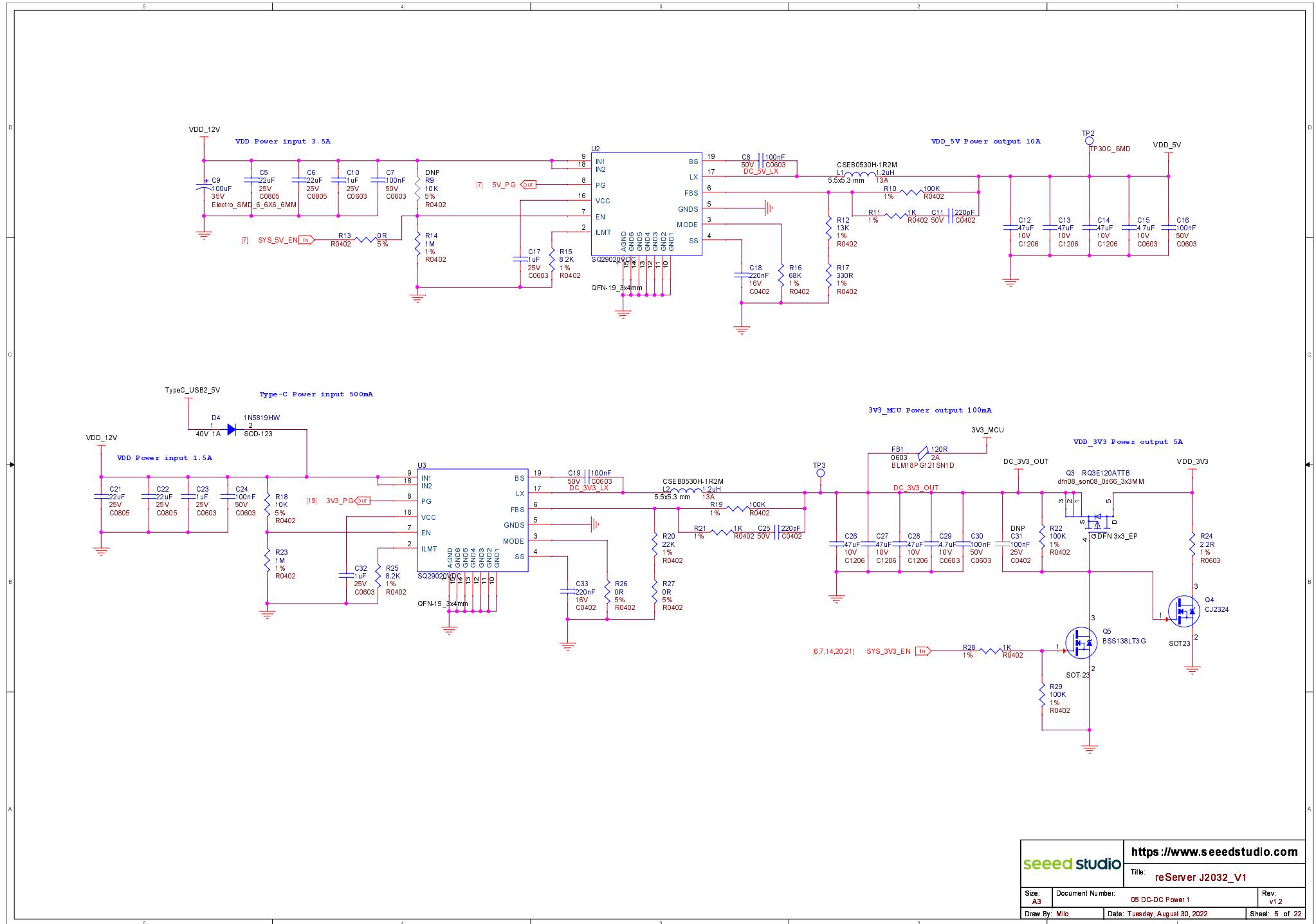


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Title:	reServer J2032_V1
Size:	A3
Document Number:	02 Block Diagram
Rev:	v1.2
Draw By:	Mib
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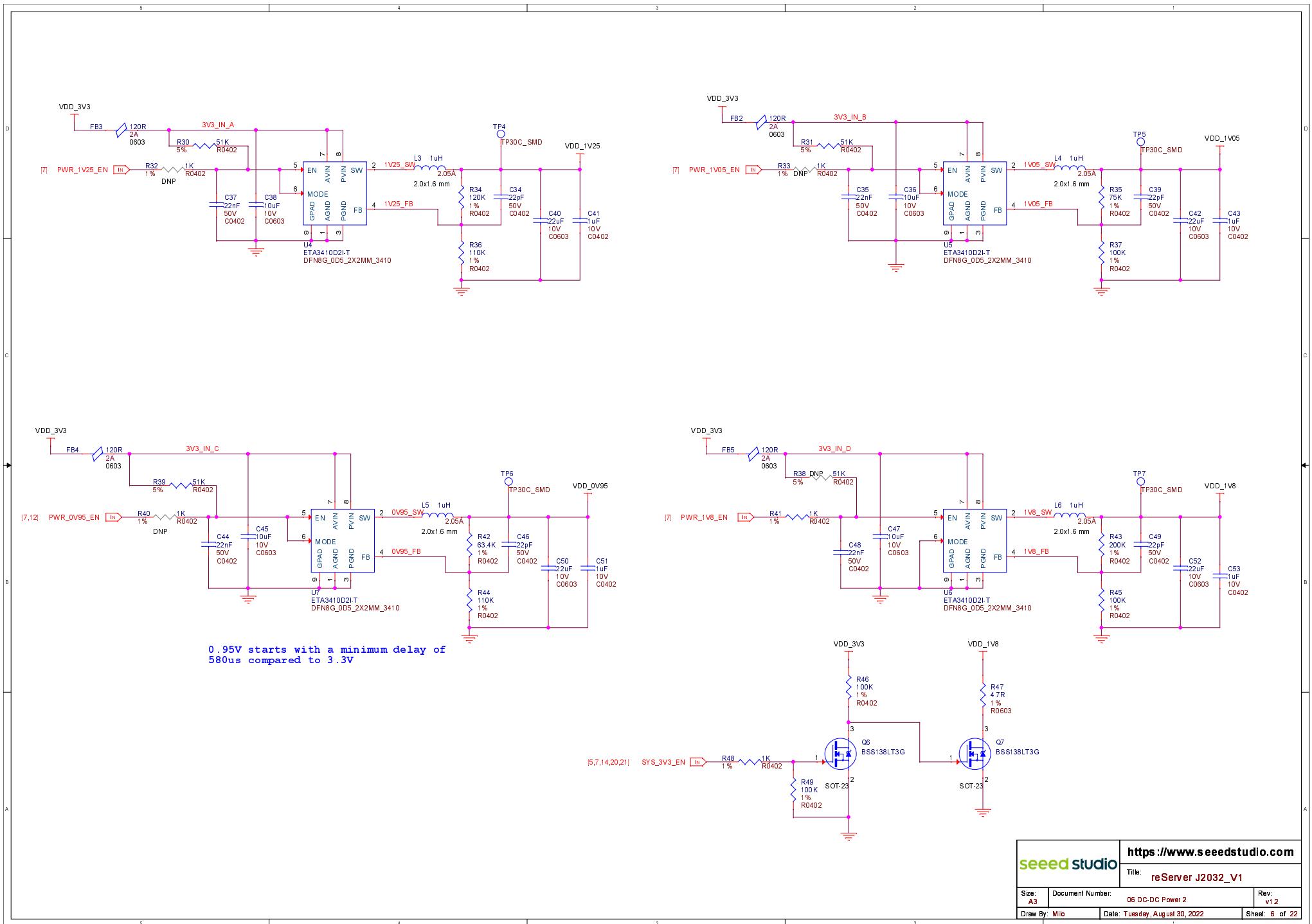


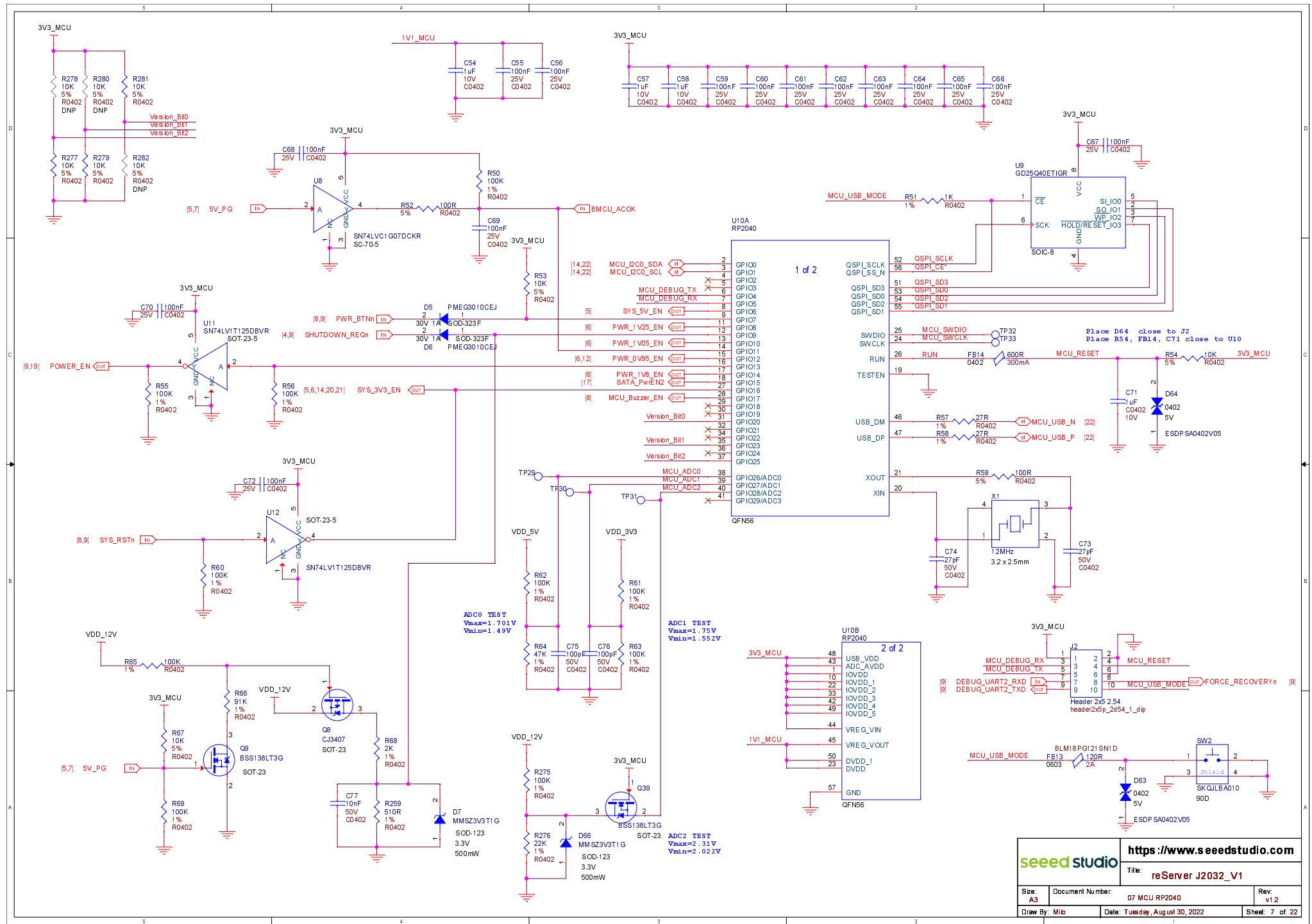
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Draw By: Mib	Date: Tuesday, August 30, 2022
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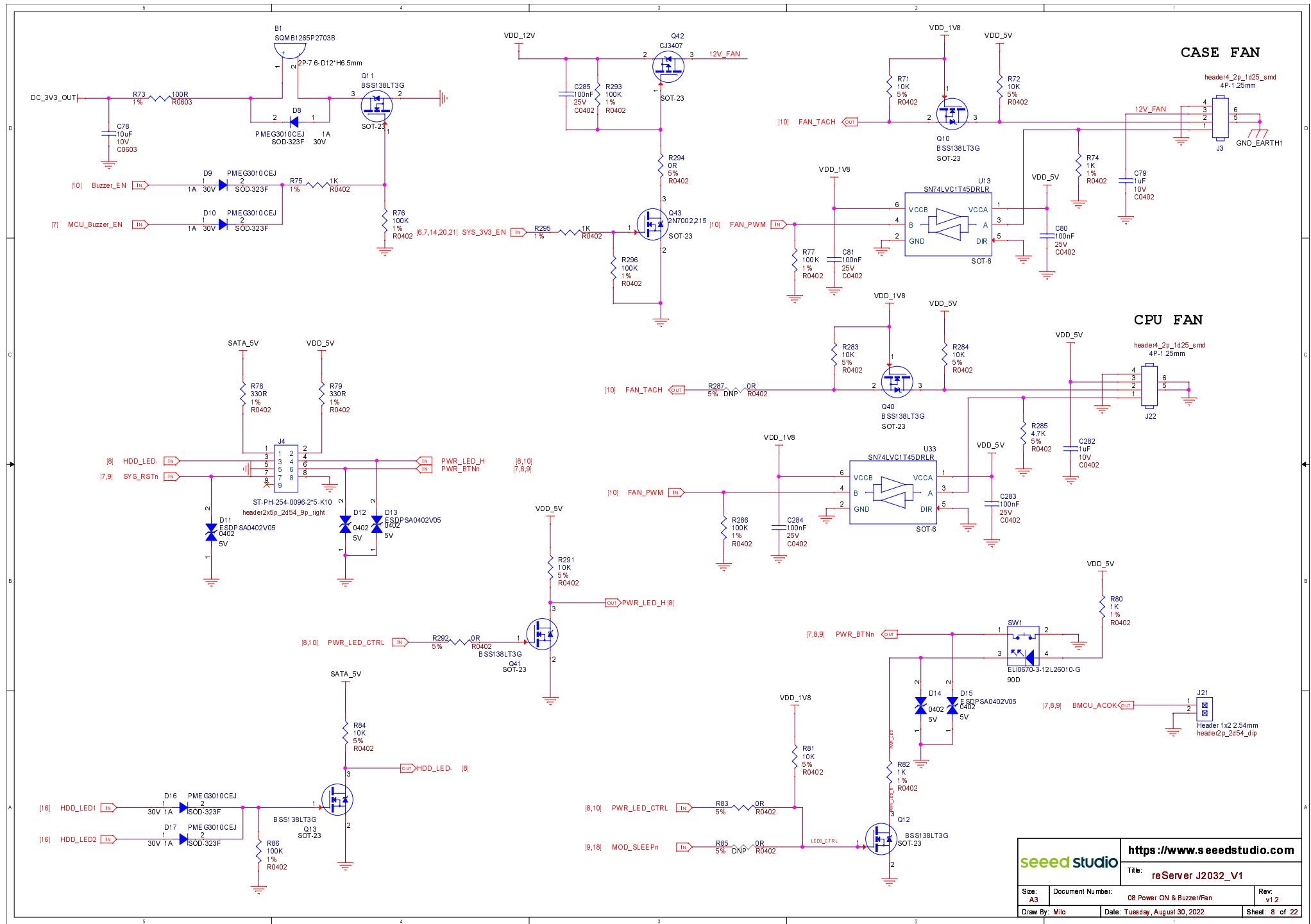


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A3	05 DC-DC Power 1
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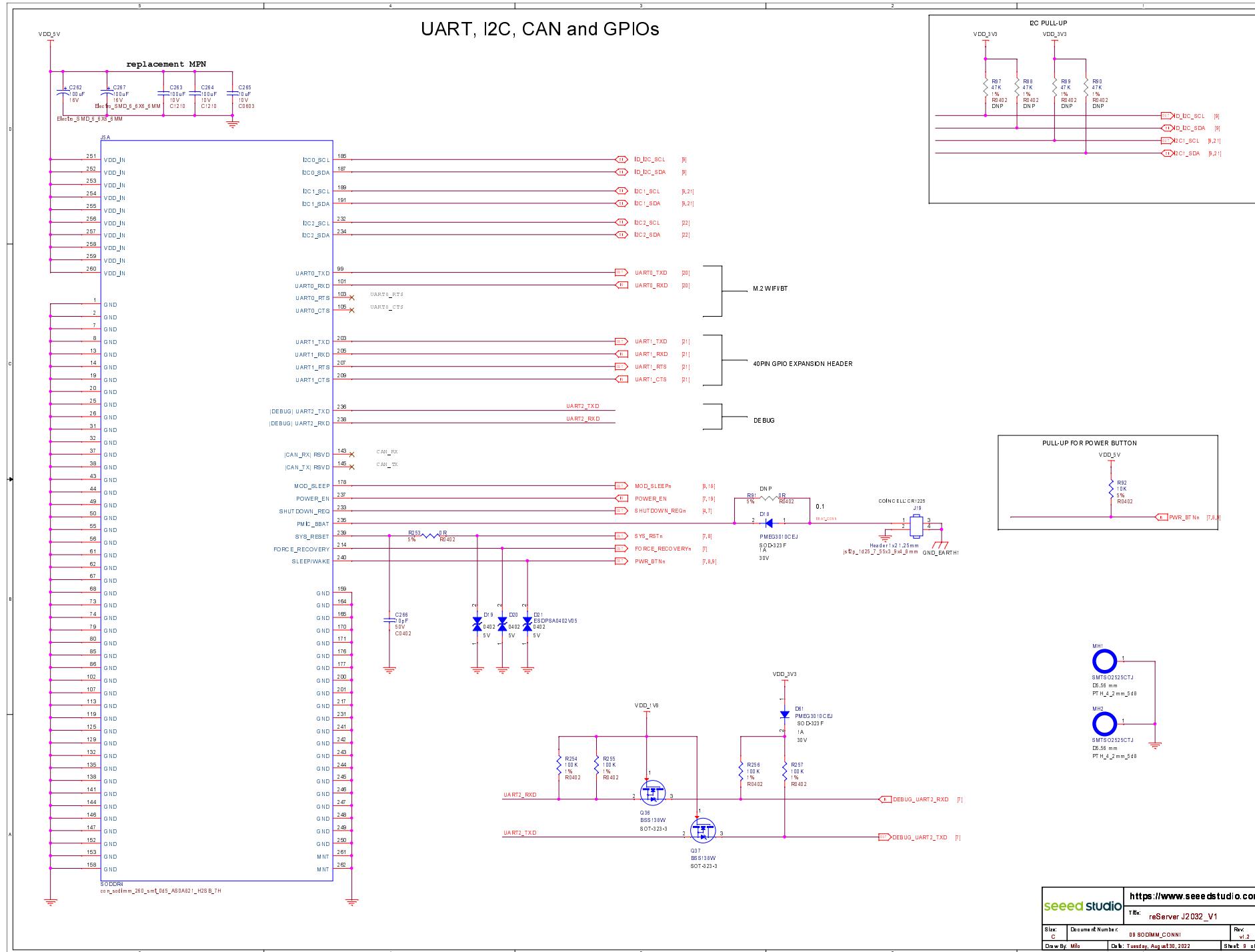


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Size: A3	Document Number: 07 MCU RP2040
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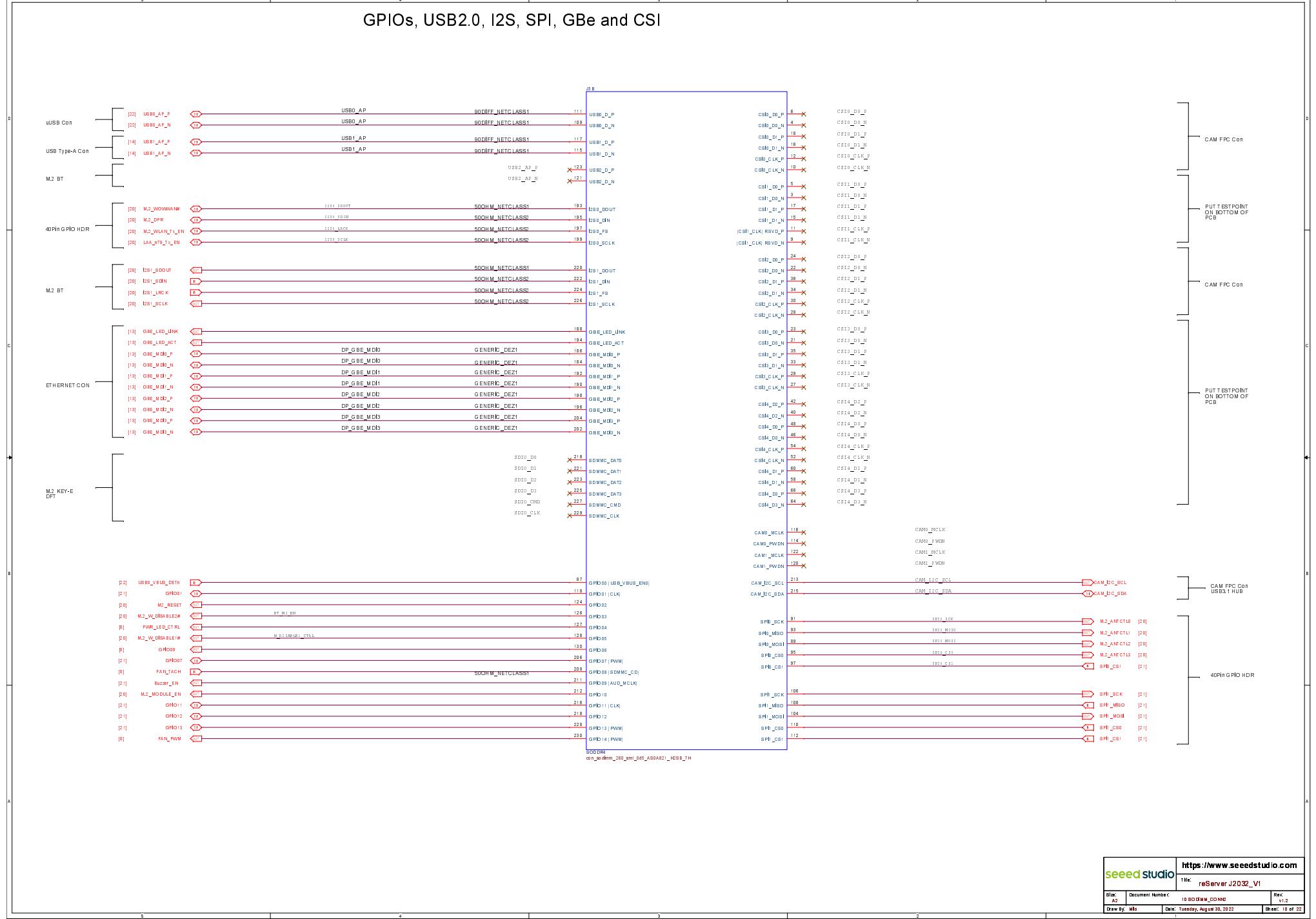


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Title:	reServer J2032_V1
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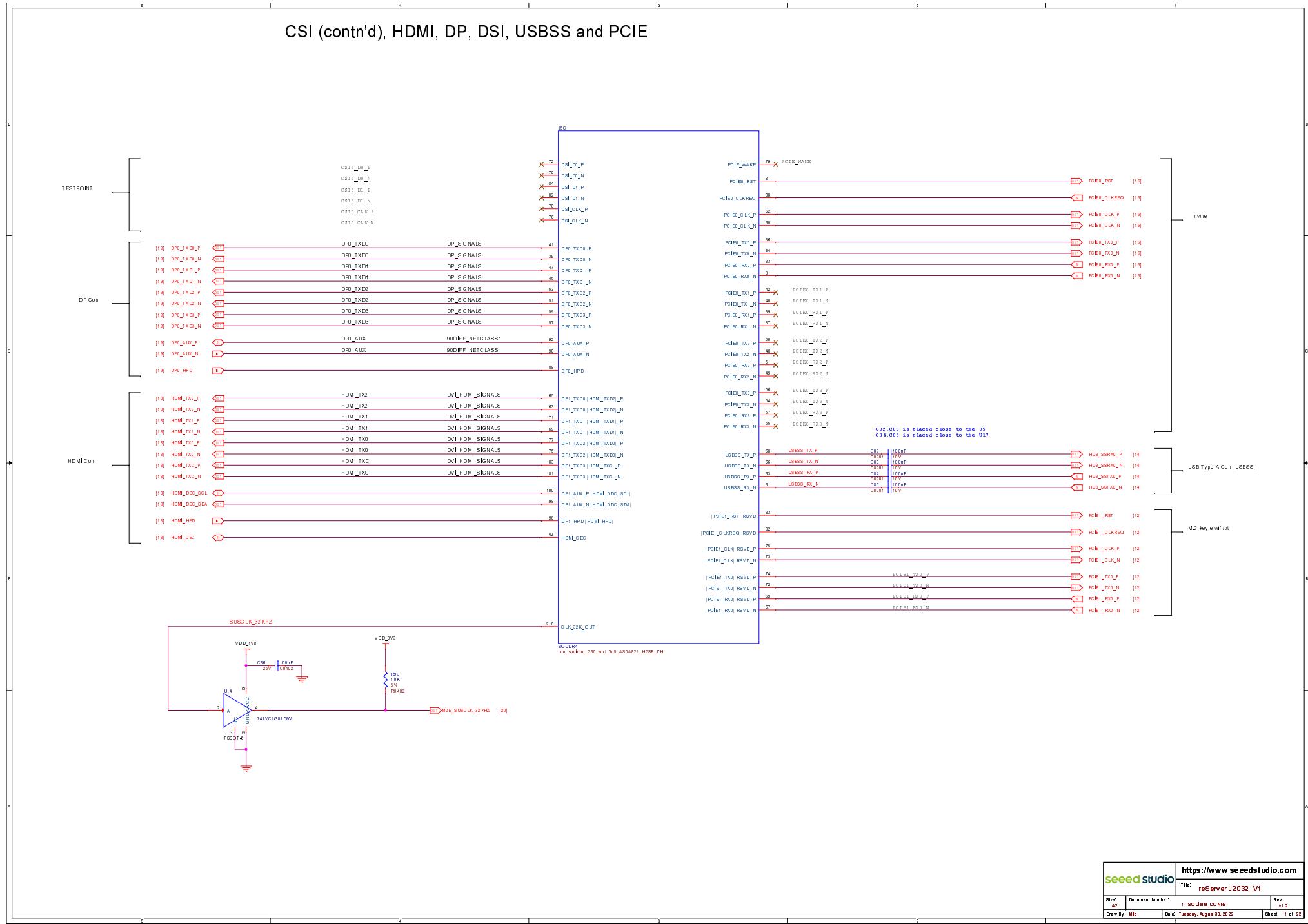
# UART, I2C, CAN and GPIOs

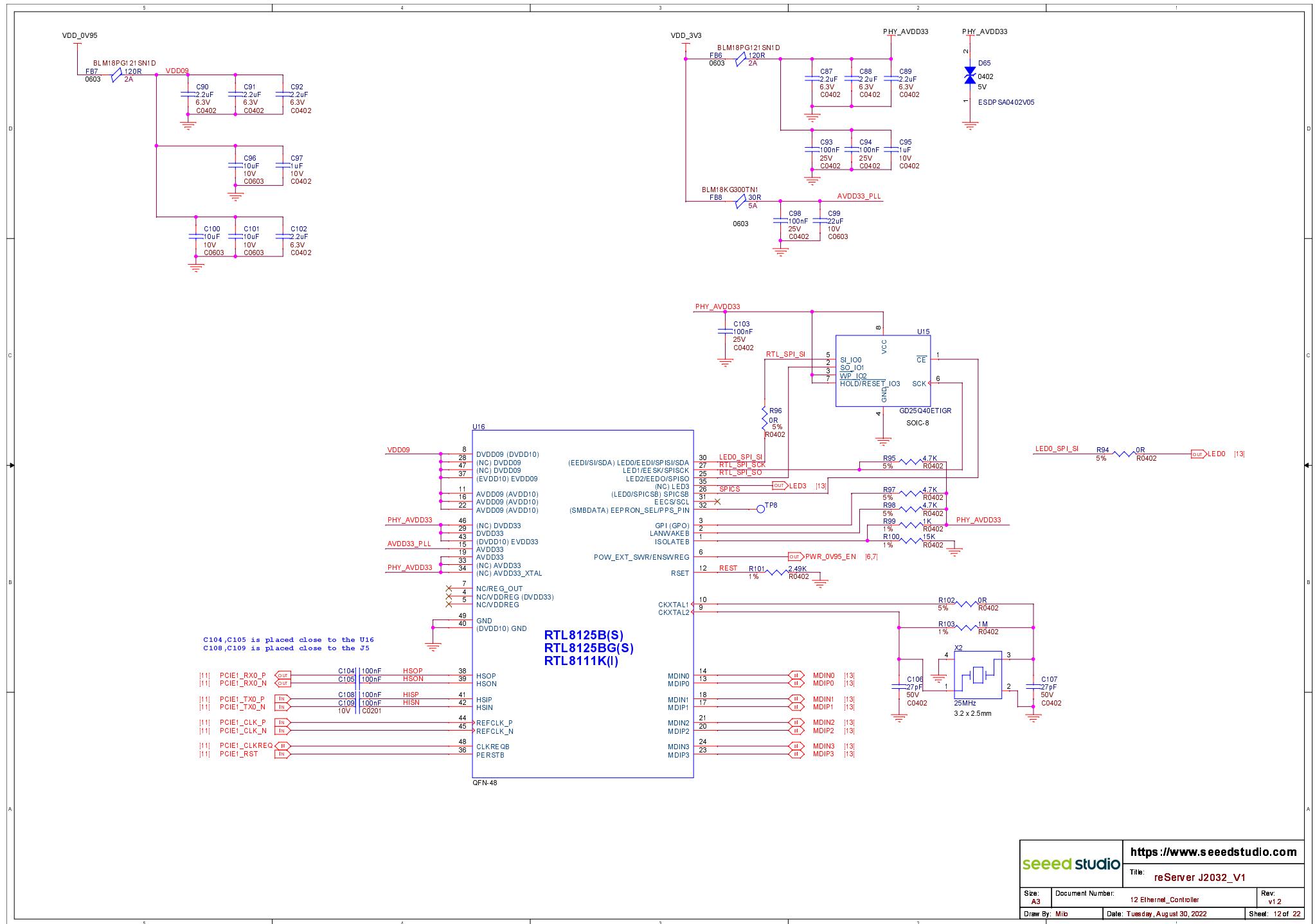


# GPIOs, USB2.0, I2S, SPI, GBe and CSI

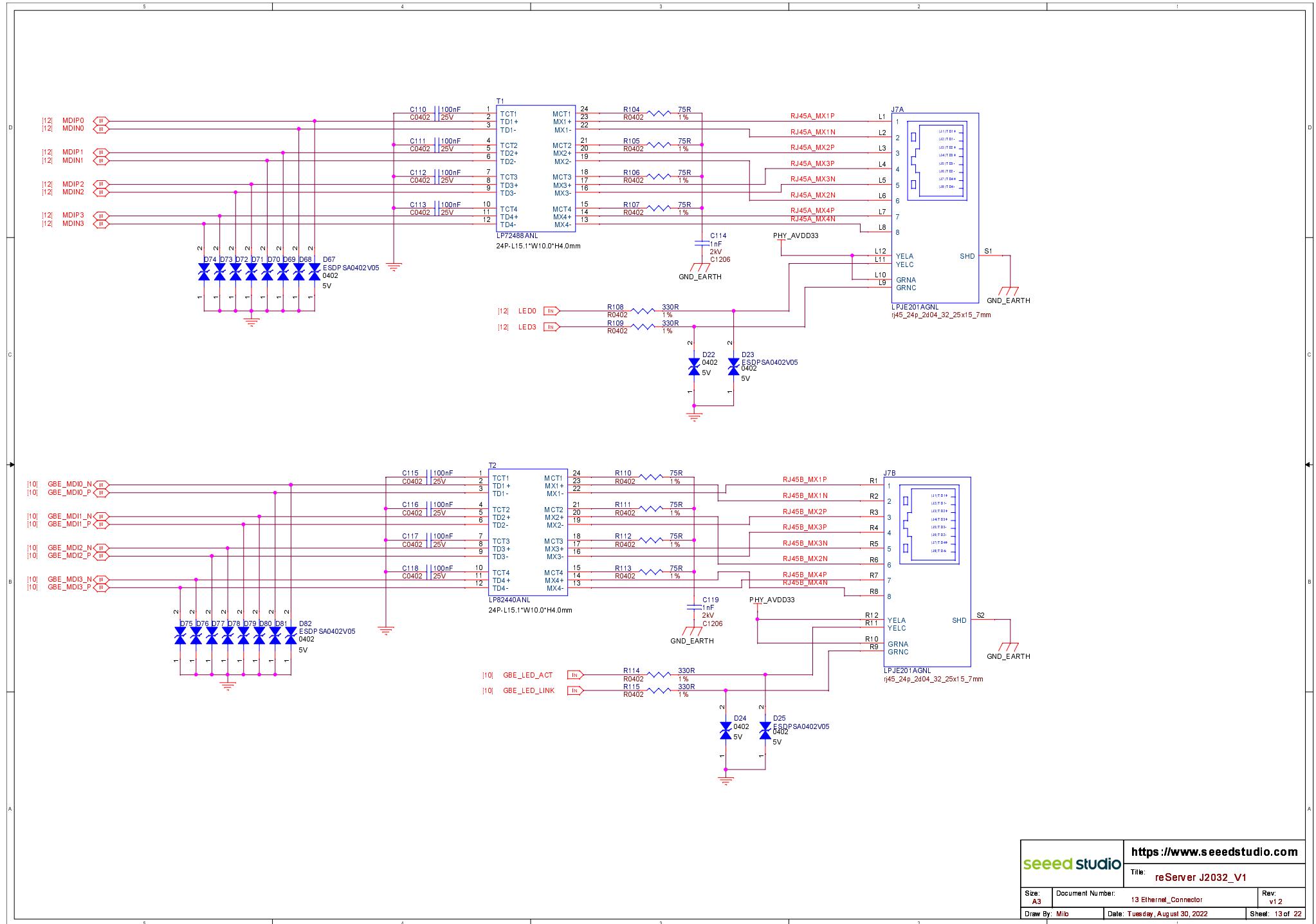


# CSI (contn'd), HDMI, DP, DSI, USBSS and PCIE

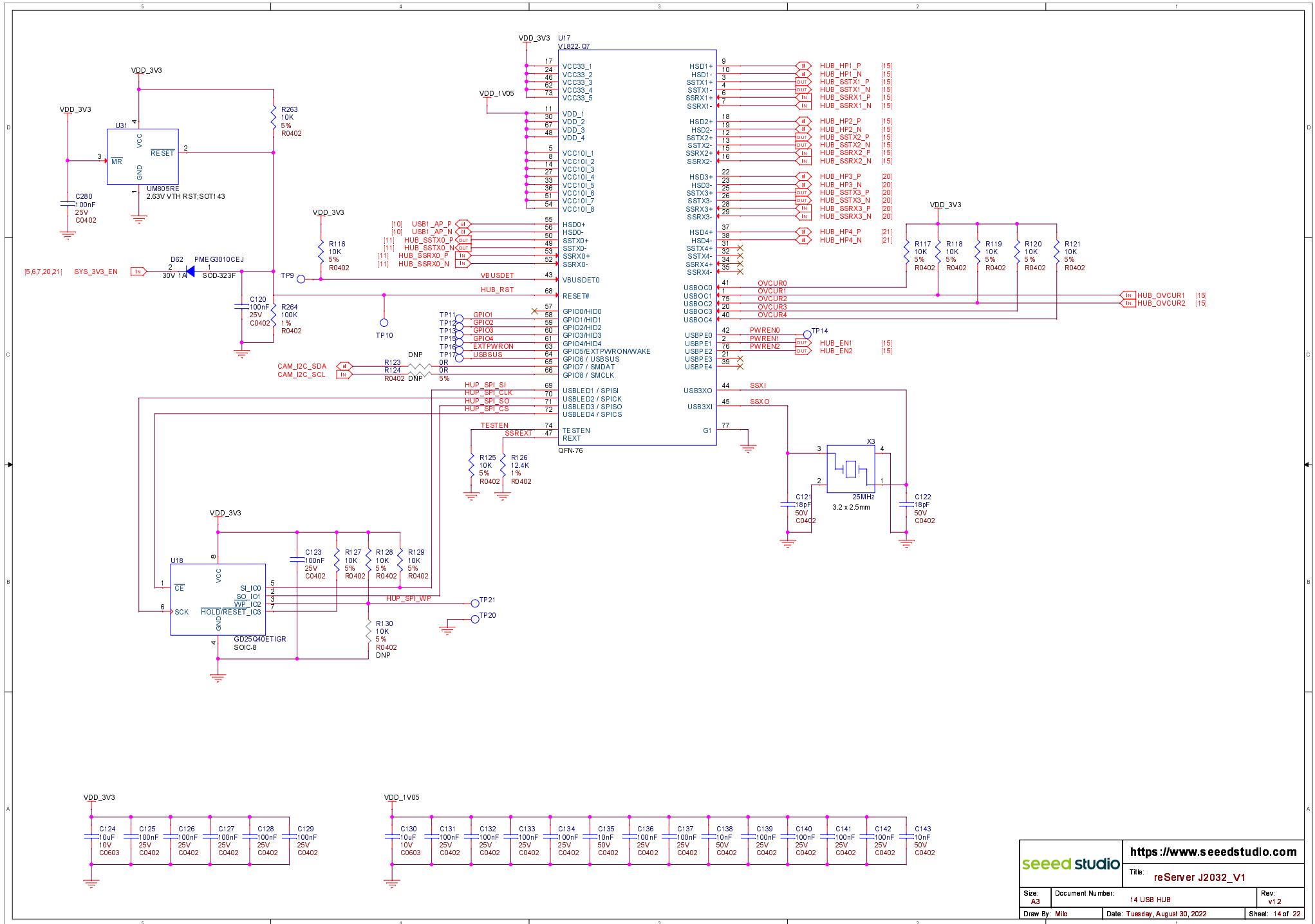


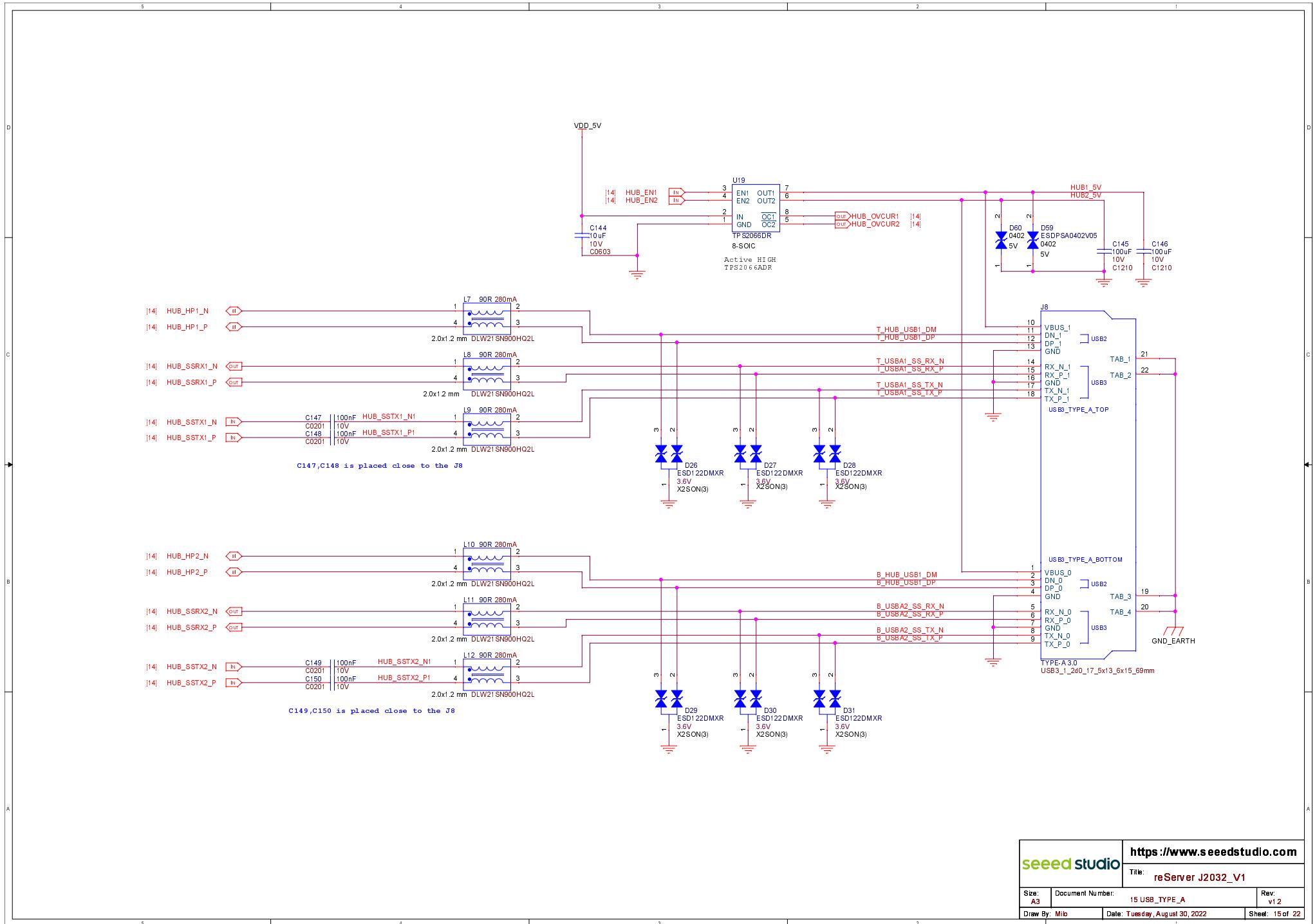


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A3	12_Ethernet_Controller
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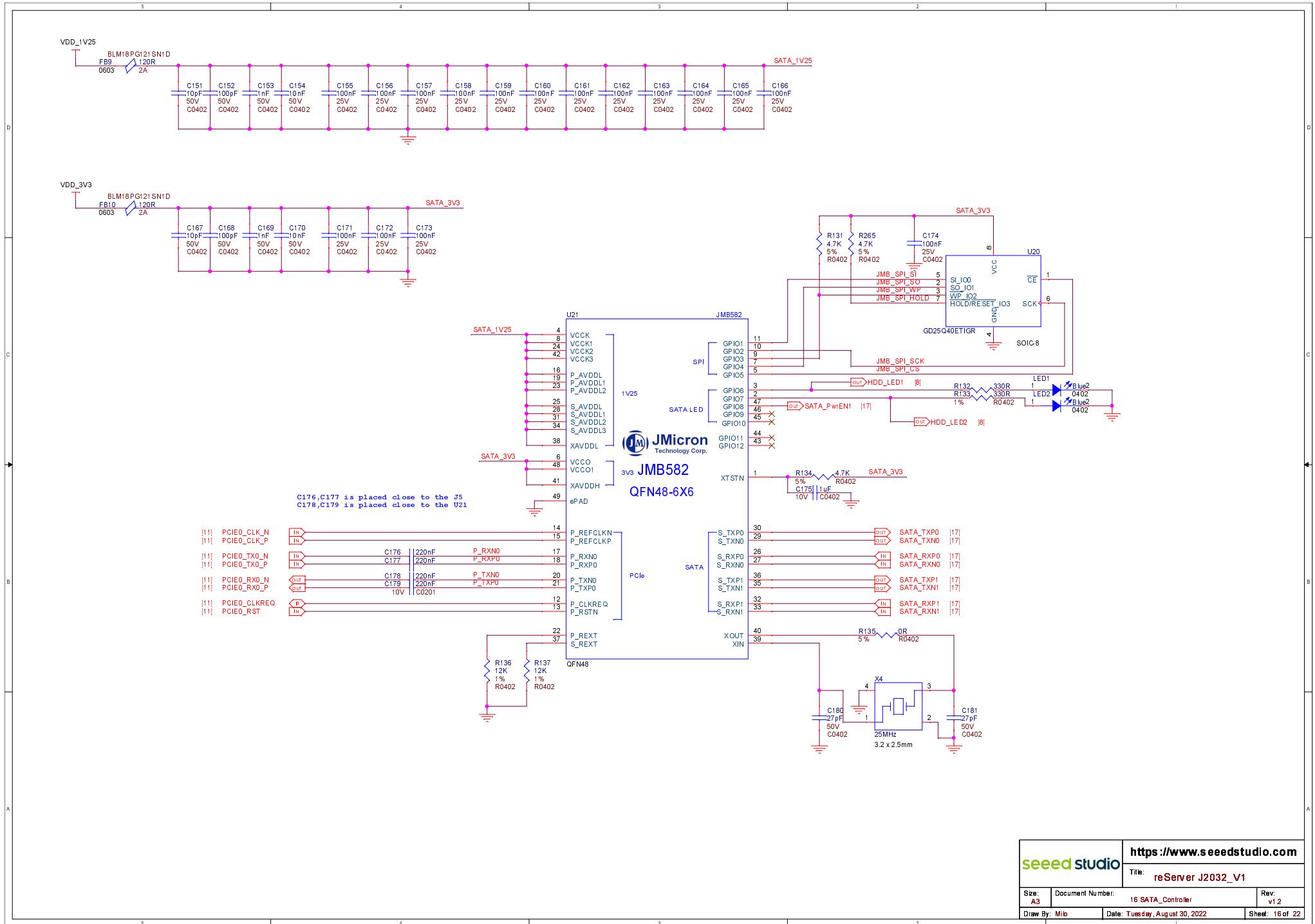


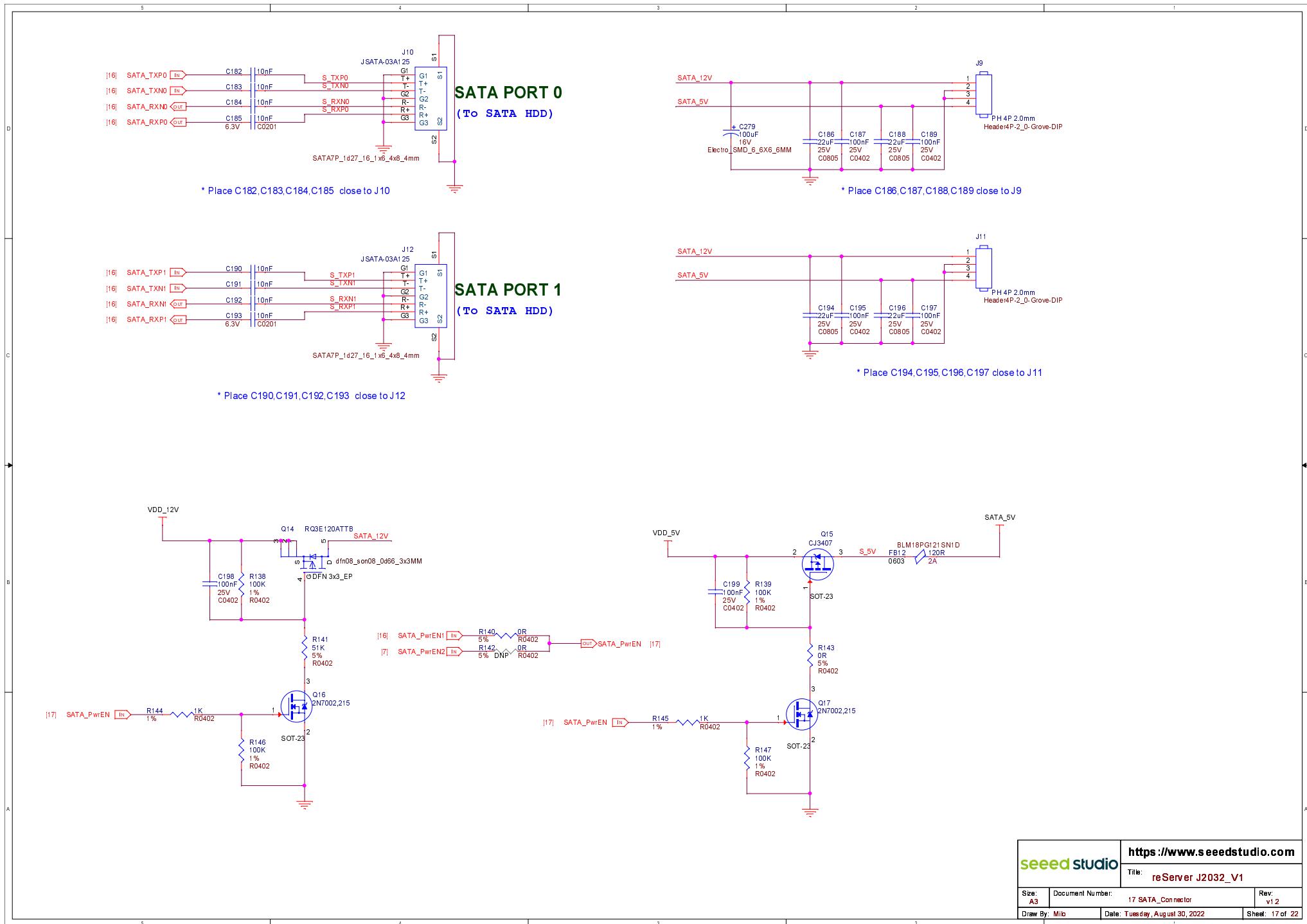
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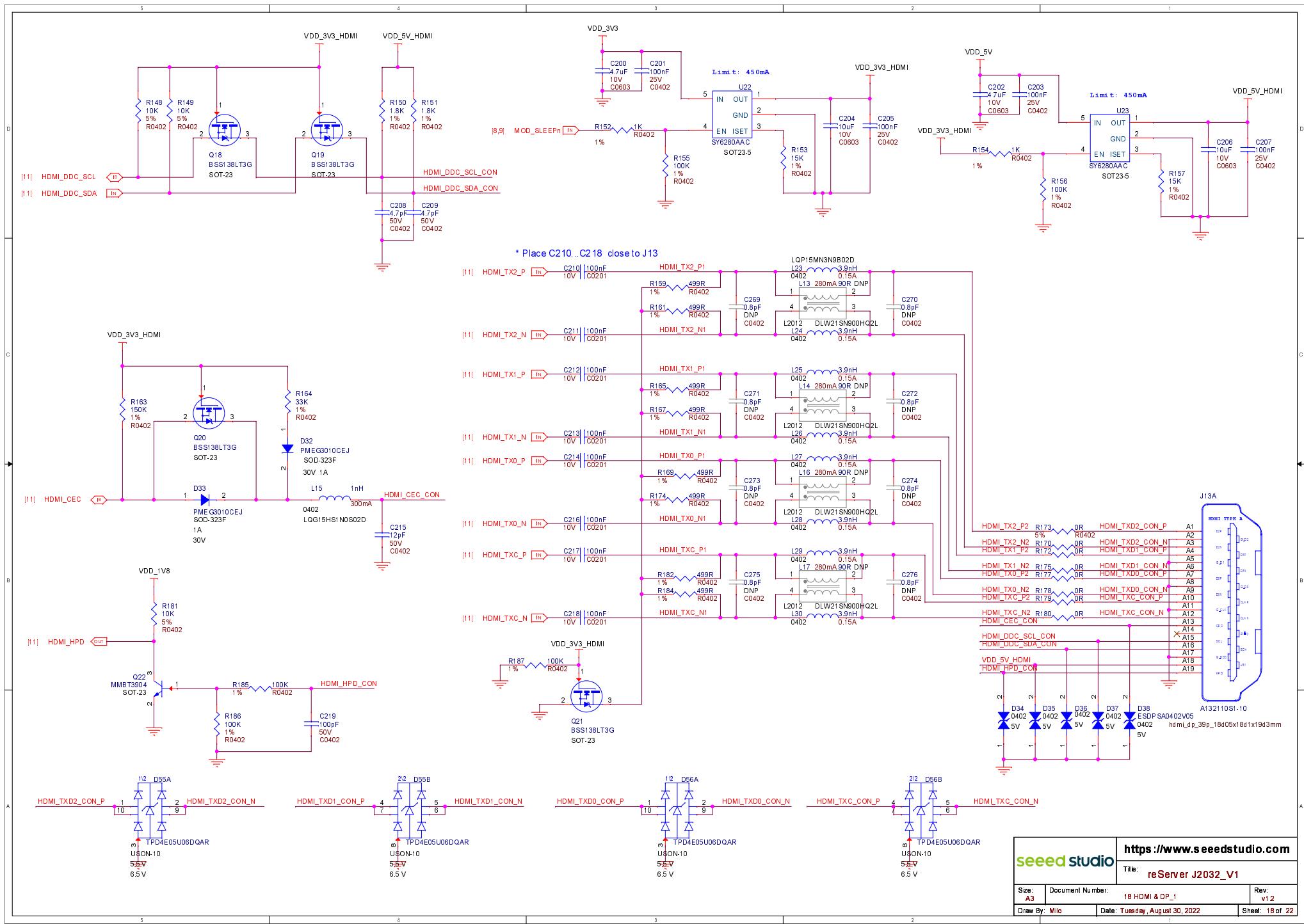




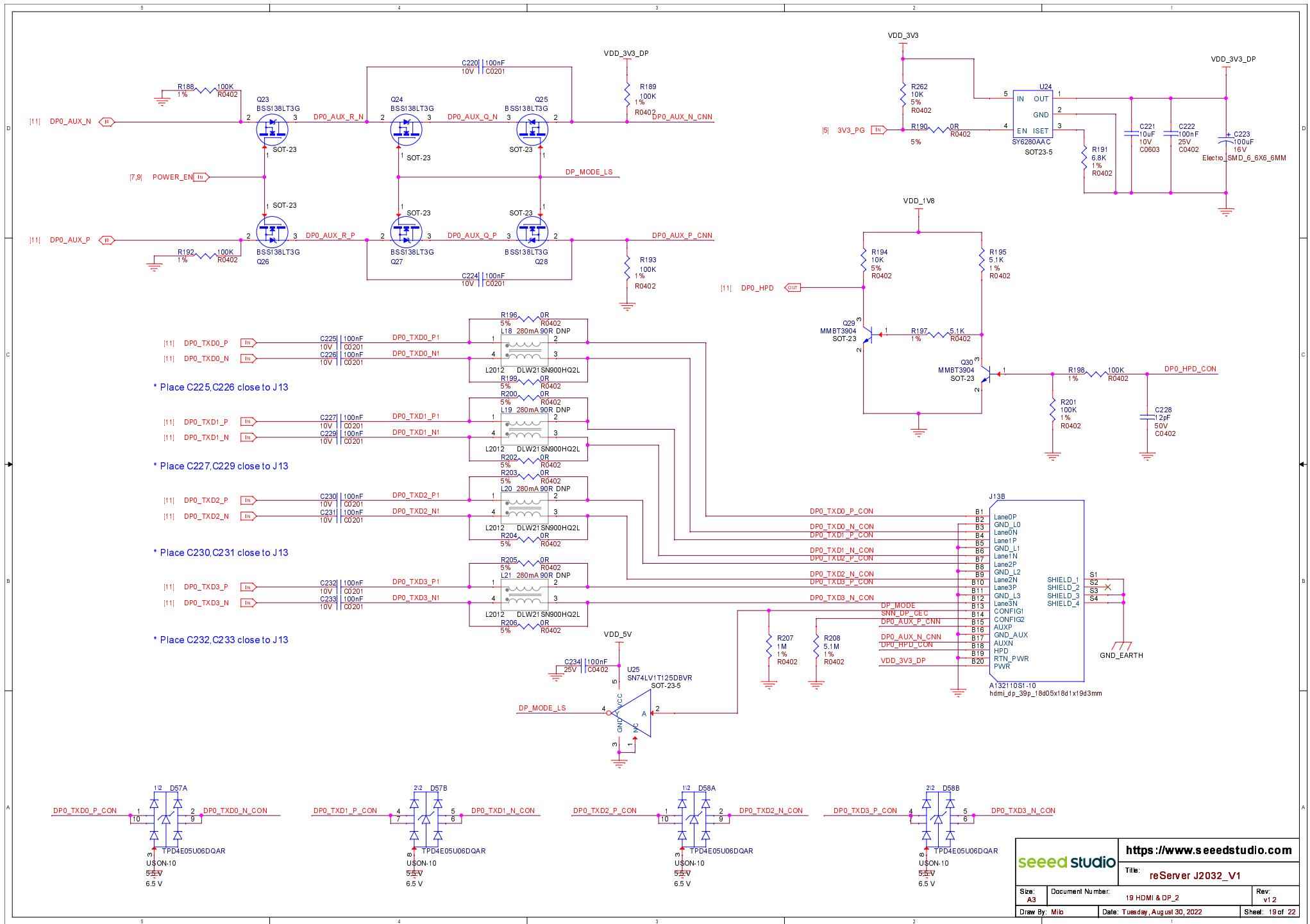
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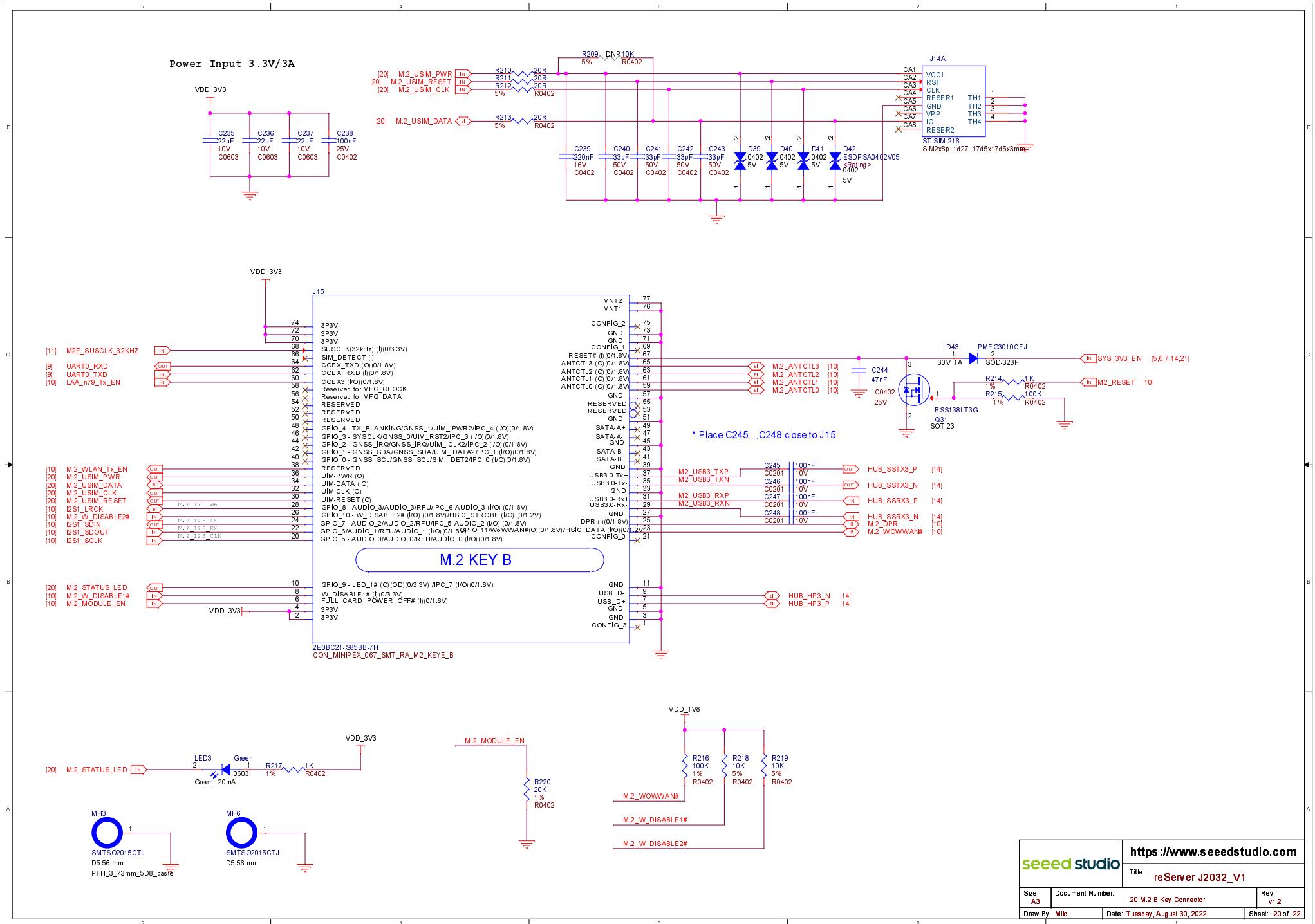


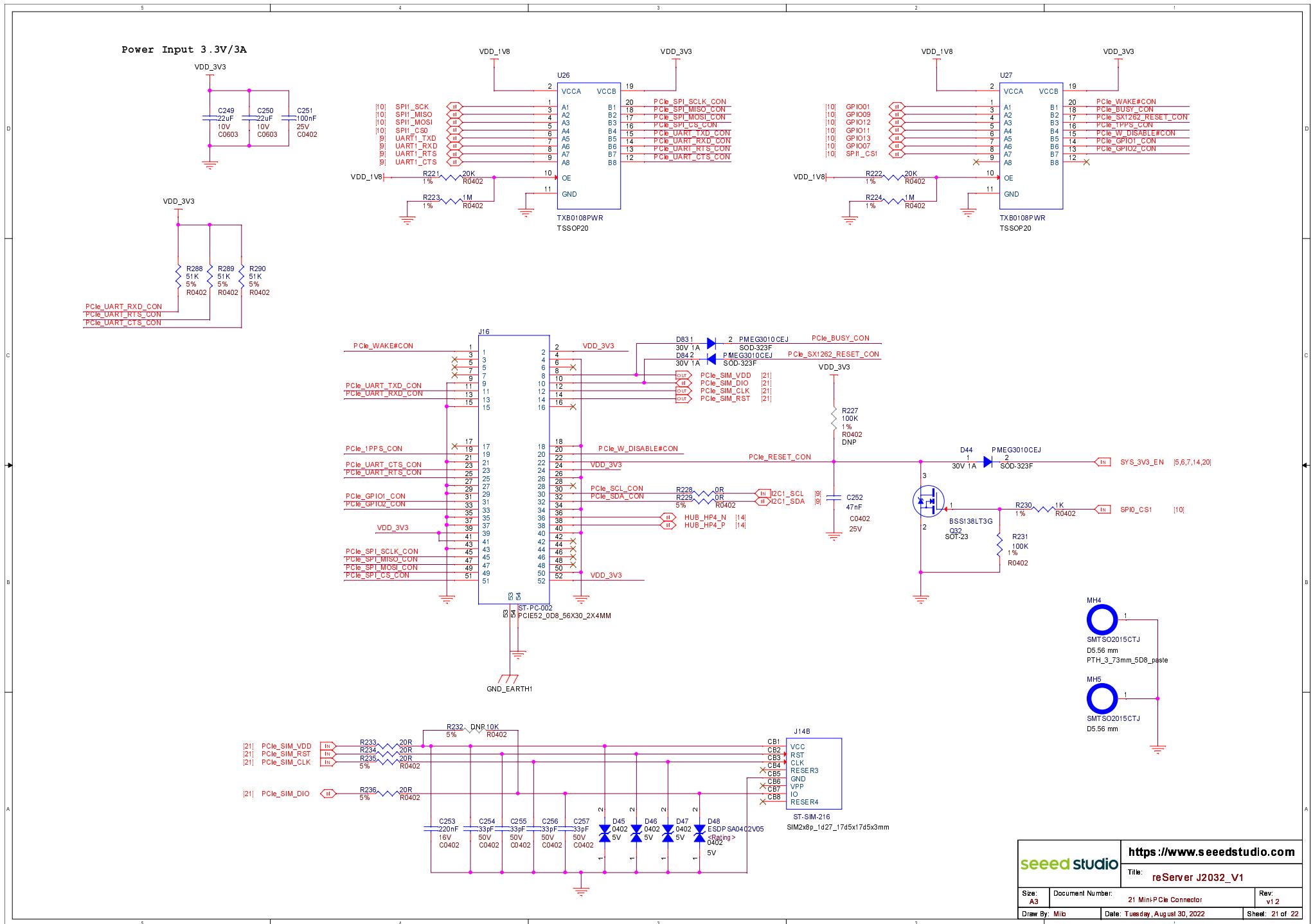


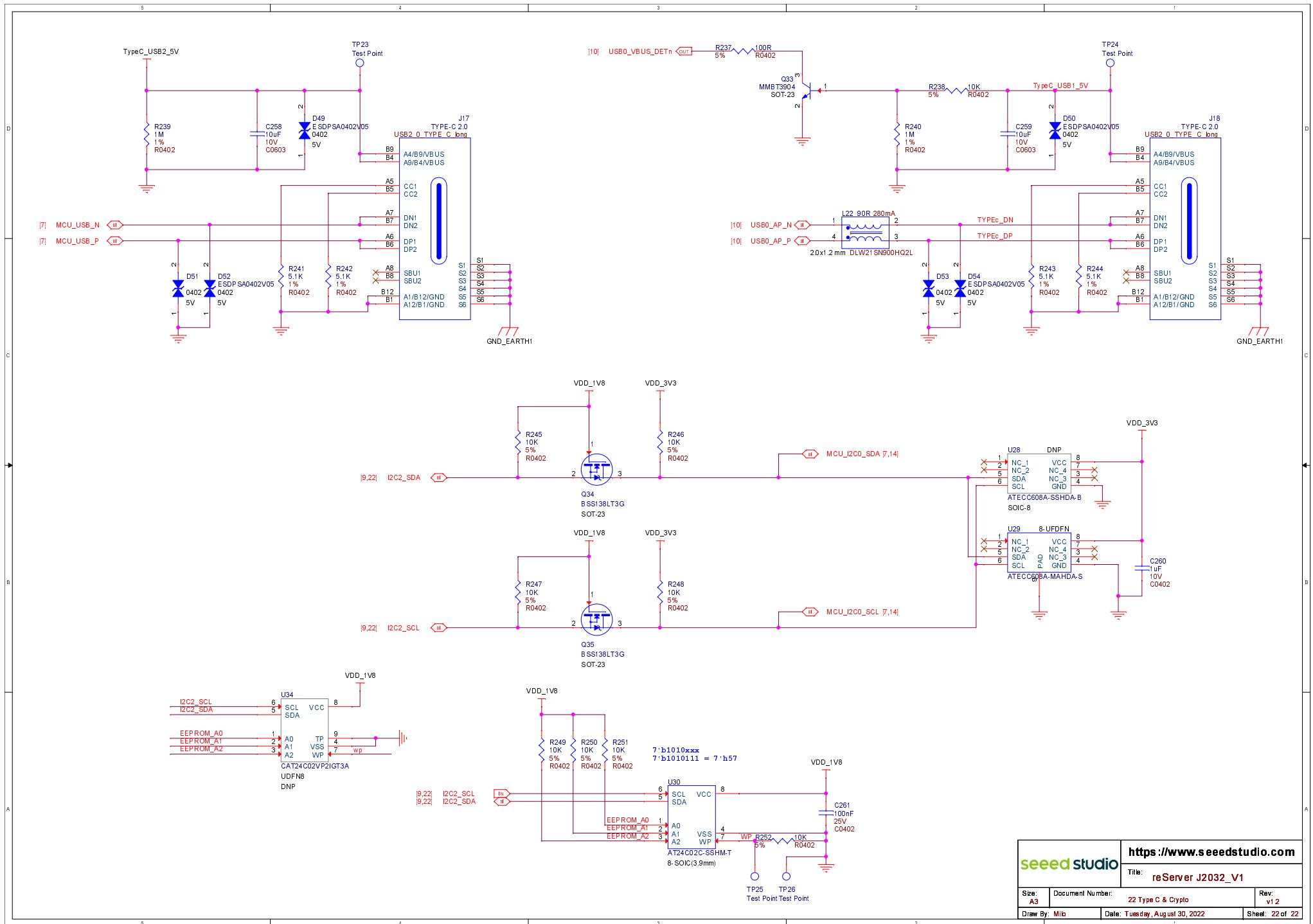


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Title: reServer J2032_V1			
Size: A3	Document Number: 18 HDMI & DP_1	Rev: v1.2	
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A3	22 Type C & Crypto
Draw By: Mib	Date: Tuesday, Aug 30, 2022
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