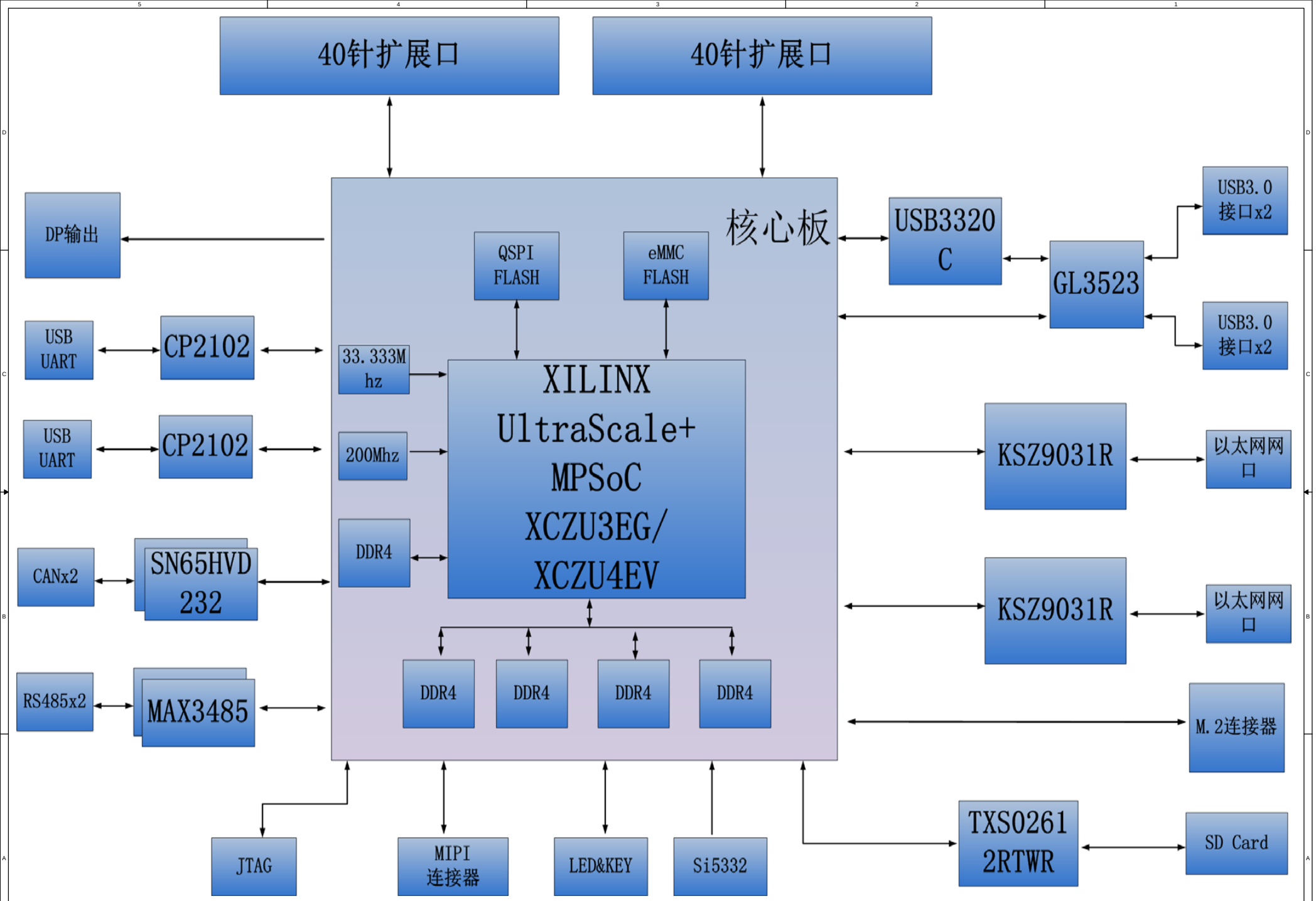

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Title	PAGE01 Block diagram	
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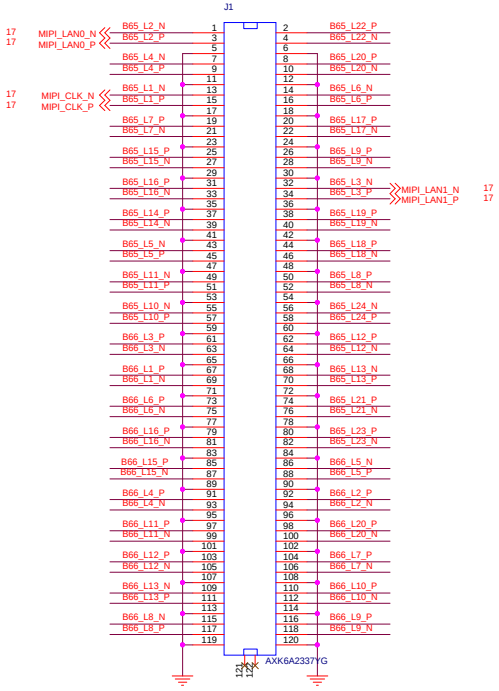

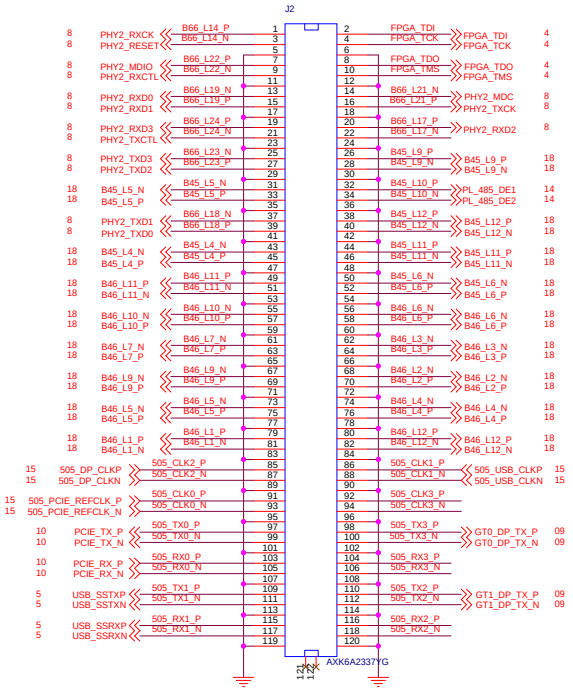

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Title: PAGE02 Connector_1

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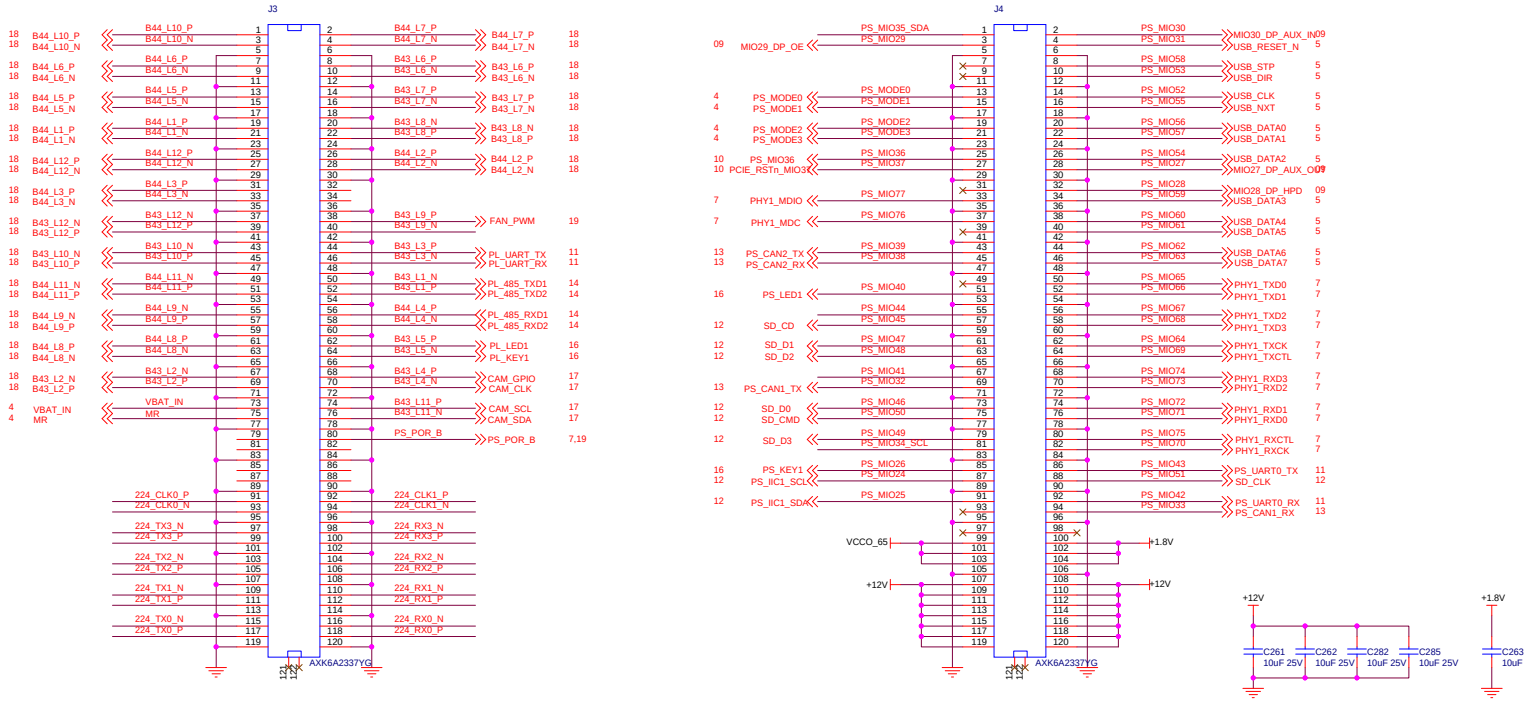

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Title	PAGE03 Connector_2	
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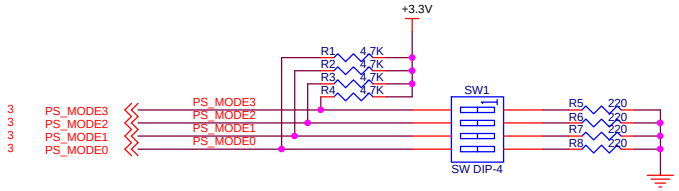
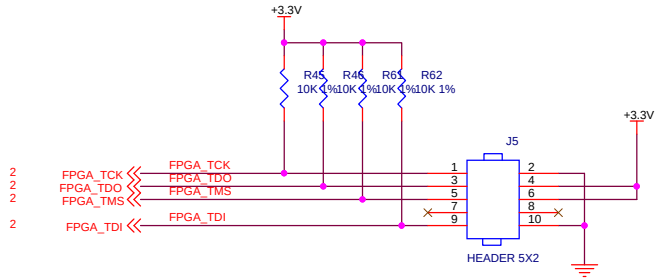
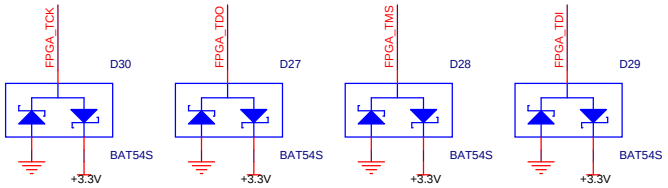
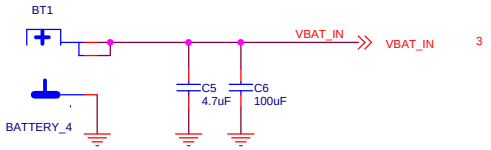


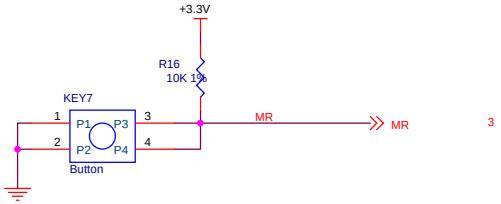
MODE[3:0]	BOOT MODE	Descritpion
0000	PS JTAG	PS JTAG Interface
0001	Quad_SPI(24b)	24-Bit addresssing(QSPI24)
0010	Quad_SPI(32b)	32-Bit addresssing(QSPI32)
0011	SD0(2.0)	SD2.0
0100	NAND	Requires 8-bit data bus width
0101	SD1(2.0)	SD2.0
0110	eMMC(1.8V)	eMMC version 4.5 at 1.8V
0111	USB0(2.0)	USB 2.0 only
1000	PJTAG(MIO #0)	PJTAG connection 0 option
1001	PJTAG(MIO #1)	PJTAG connection 1 option
1110	SD1 LS(3.0)	SD 3.0

JTAG Connector









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Title: Page04 JTAG

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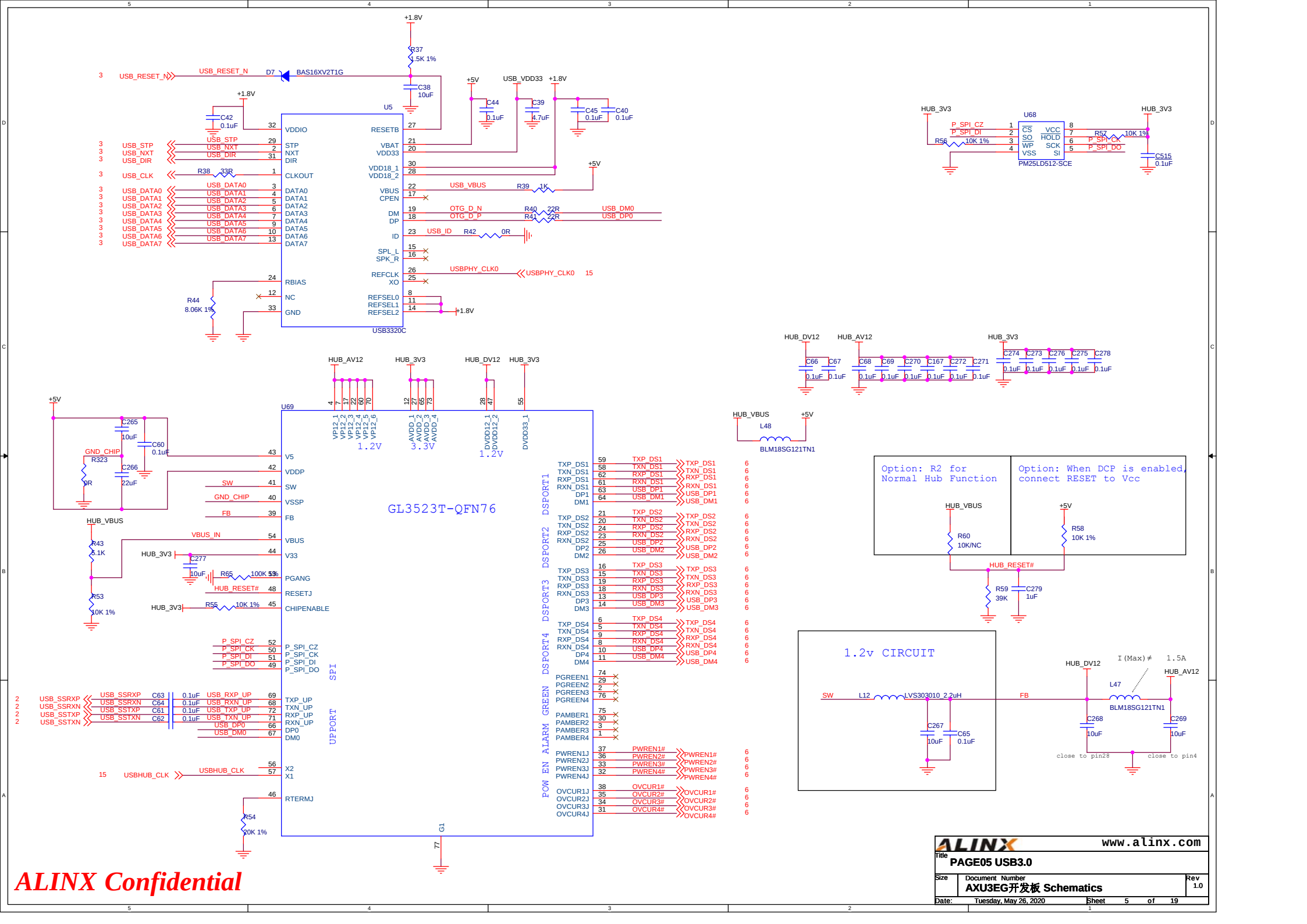
USB3320C
GL3523T-QFN76
1.2v CIRCUIT
Option: R2 for Normal Hub Function
Option: When DCP is enabled, connect RESET to Vcc
PM25LD512-SCE
BLM18SG121TN1
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PAGE05 USB3.0
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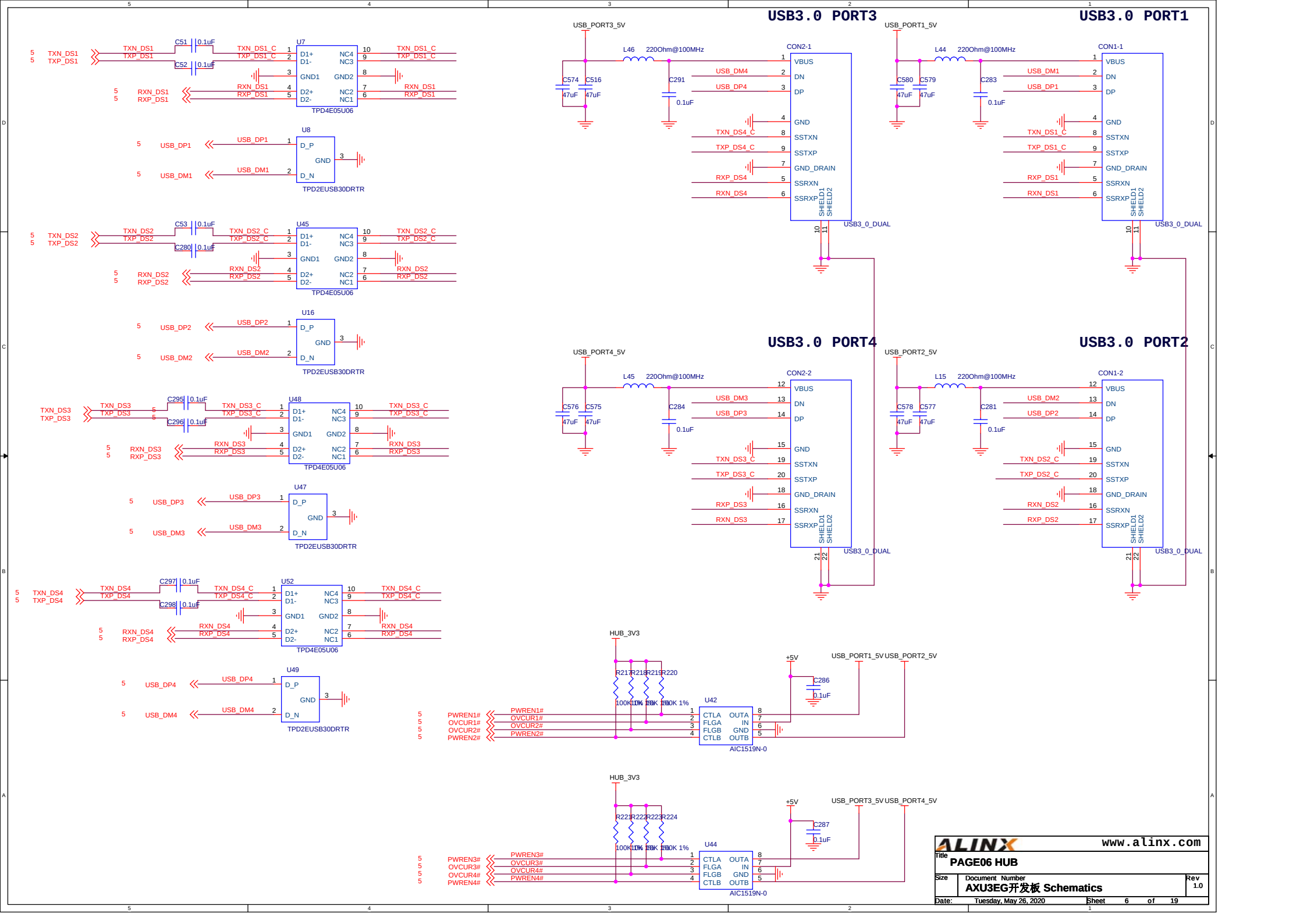
USB3.0 PORT3
USB3.0 PORT1
USB3.0 PORT4
USB3.0 PORT2
TXN_DS1
TXP_DS1
RXN_DS1
RXP_DS1
TXN_DS2
TXP_DS2
RXN_DS2
RXP_DS2
TXN_DS3
TXP_DS3
RXN_DS3
RXP_DS3
TXN_DS4
TXP_DS4
RXN_DS4
RXP_DS4
USB_DP1
USB_DM1
USB_DP2
USB_DM2
USB_DP3
USB_DM3
USB_DP4
USB_DM4
TPD4E05U06
TPD2EUSB30DRTR
USB_PORT3_5V
USB_PORT1_5V
USB_PORT4_5V
USB_PORT2_5V
L46 220Ohm@100MHz
L44 220Ohm@100MHz
L45 220Ohm@100MHz
L15 220Ohm@100MHz
CON2-1
CON1-1
CON2-2
CON1-2
USB3_0_DUAL
HUB_3V3
+5V
PWREN1#
OVCUR1#
OVCUR2#
PWREN2#
PWREN3#
OVCUR3#
OVCUR4#
PWREN4#
AIC1519N-0
USB_PORT1_5V
USB_PORT2_5V
USB_PORT3_5V
USB_PORT4_5V
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PAGE06 HUB
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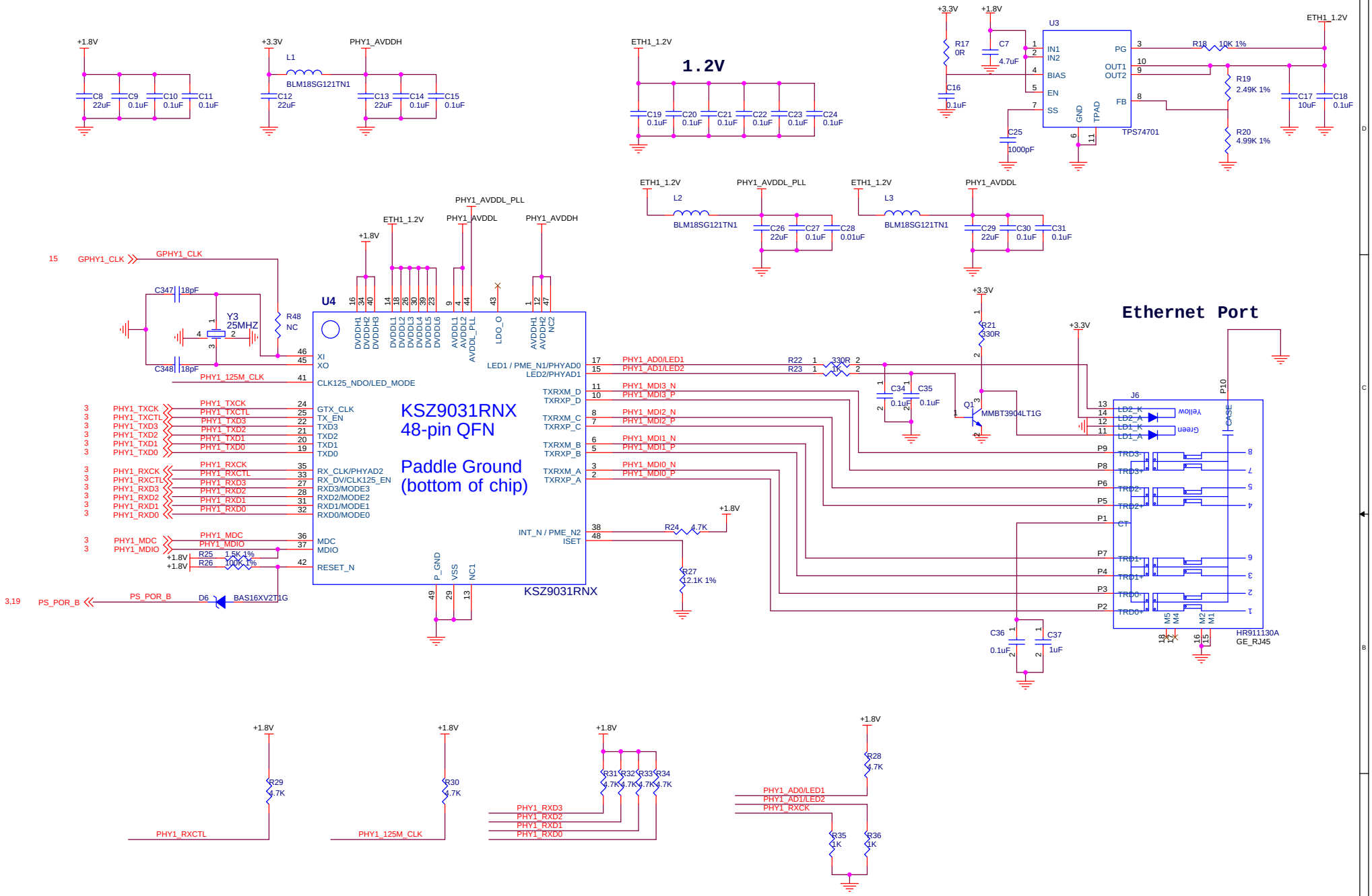

ALINX	www.alinx.com
Title	PAGE07 PS Ethernet1
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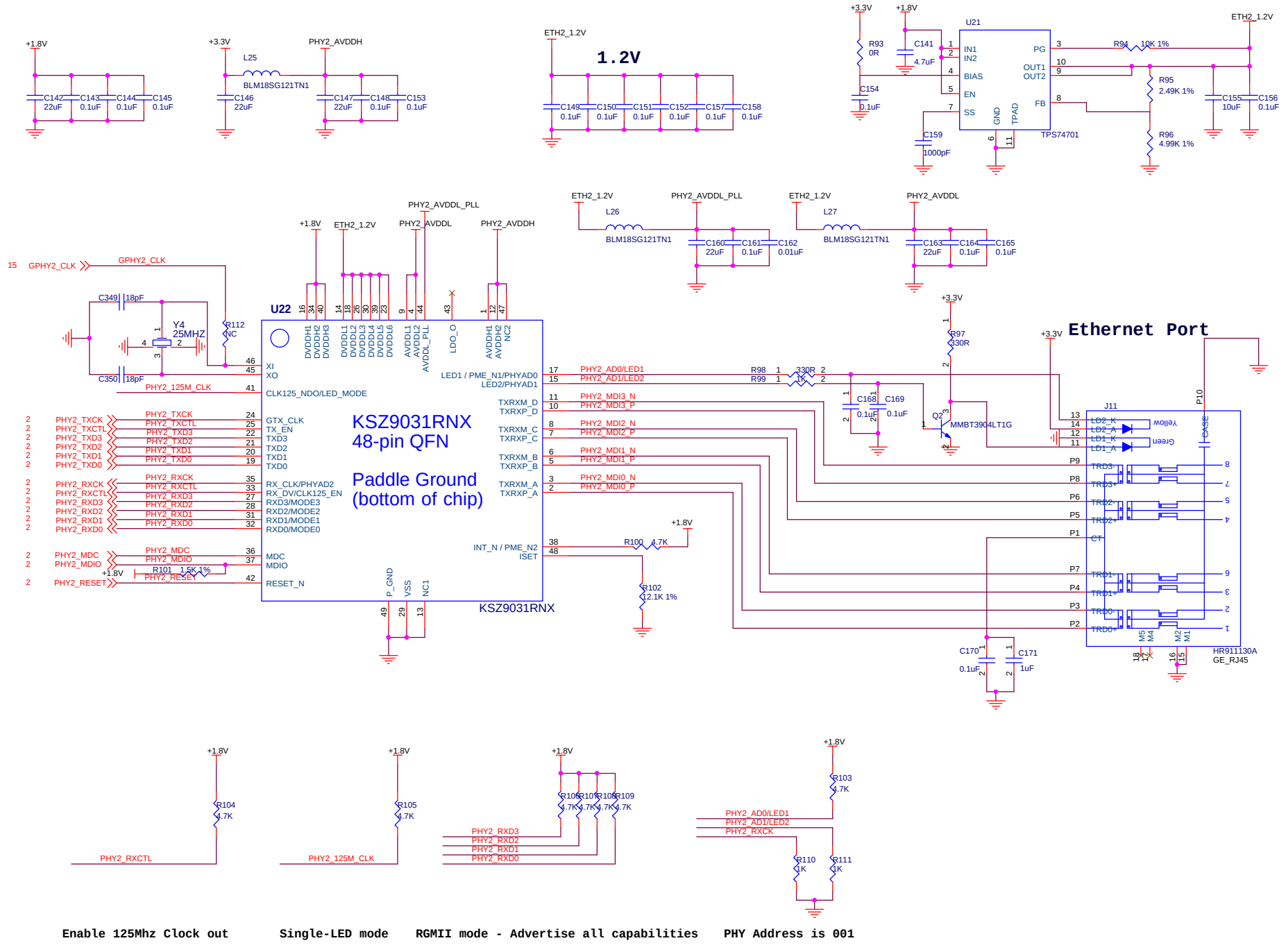

ALINX	www.alinx.com
Title	PAGE08 PL Ethernet2
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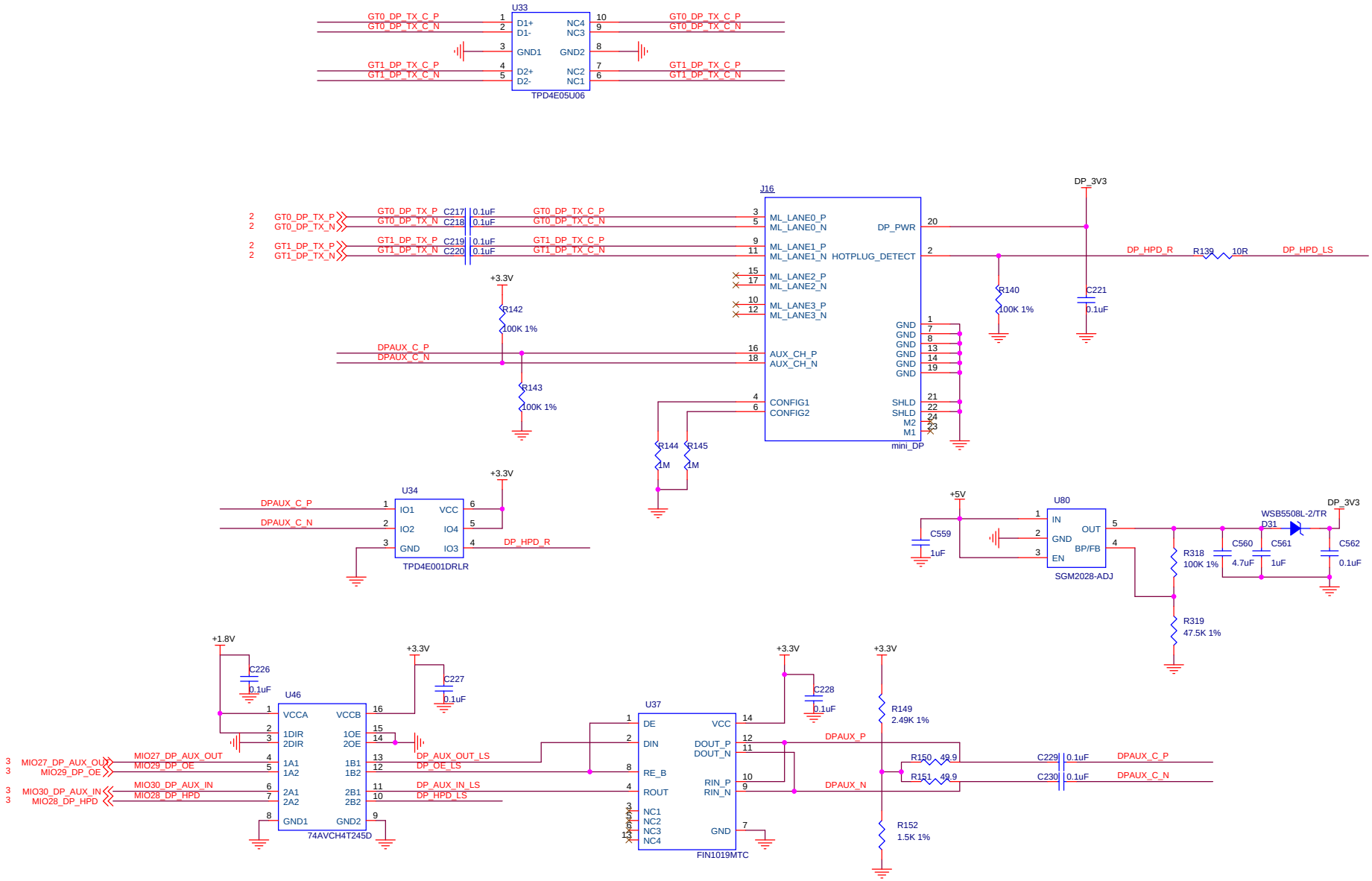

ALINX	www.alinx.com
Title	PAGE11 Display Port
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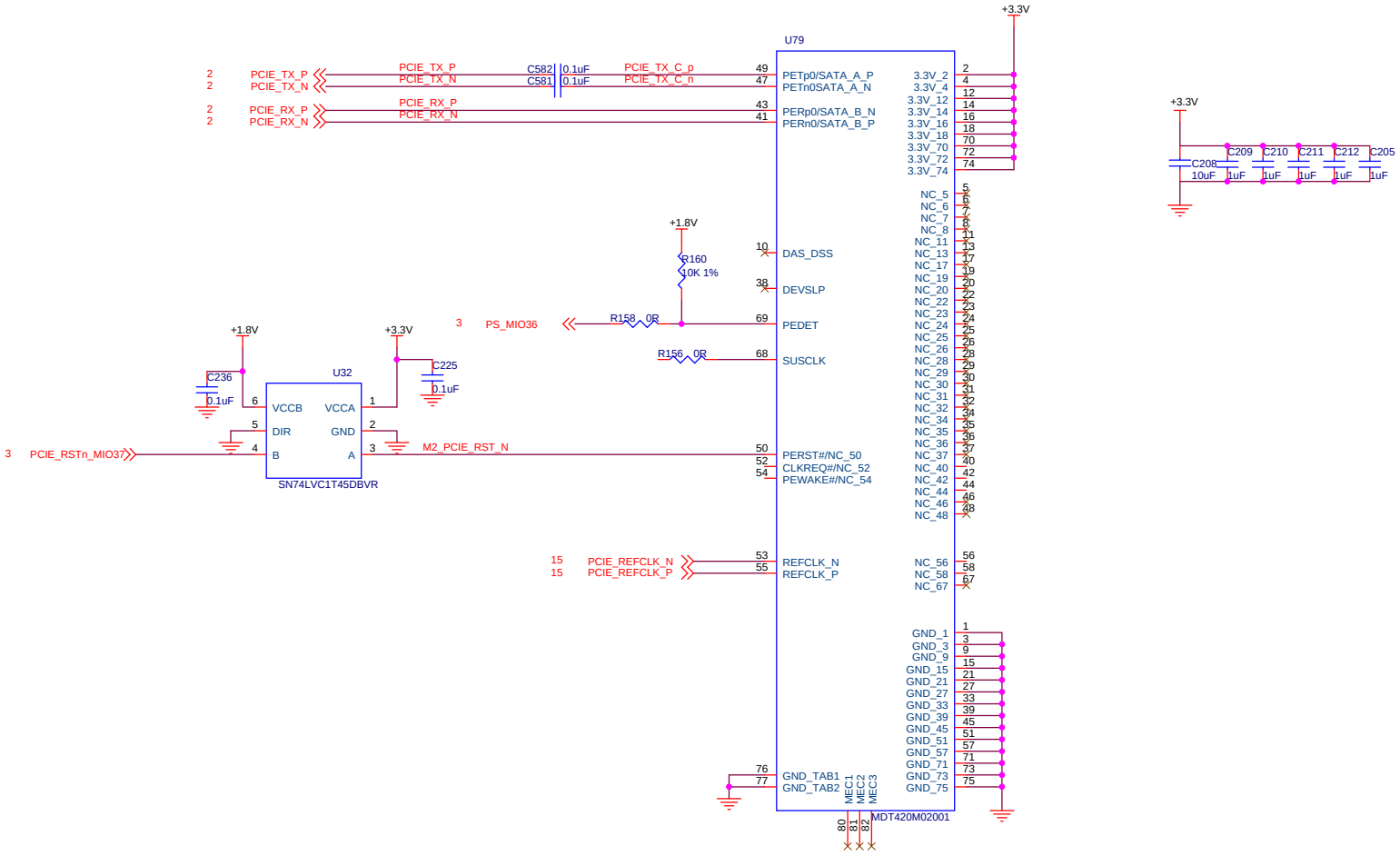

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ALINX	www.alinx.com
Title	PAGE13 M.2
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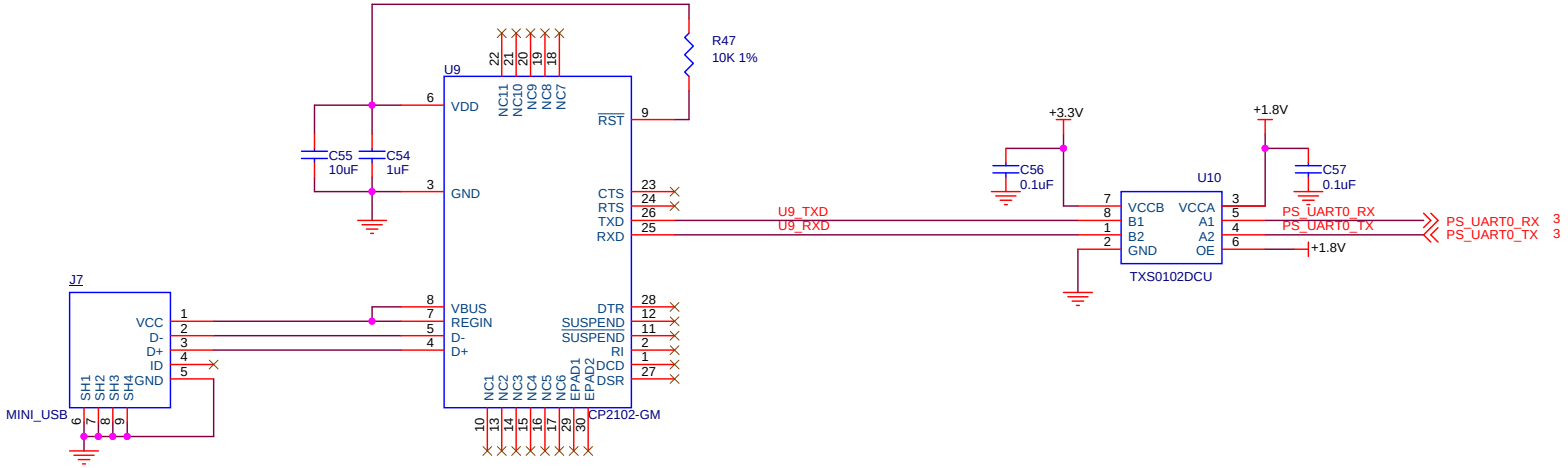
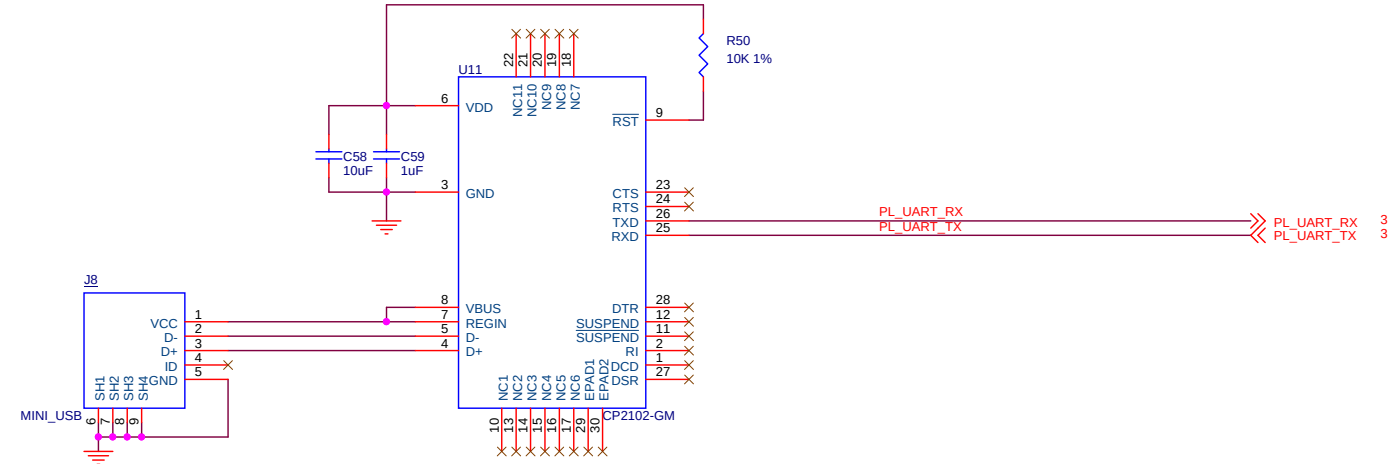
PS UART PORT



PL UART PORT



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Title: PAGE15 UART

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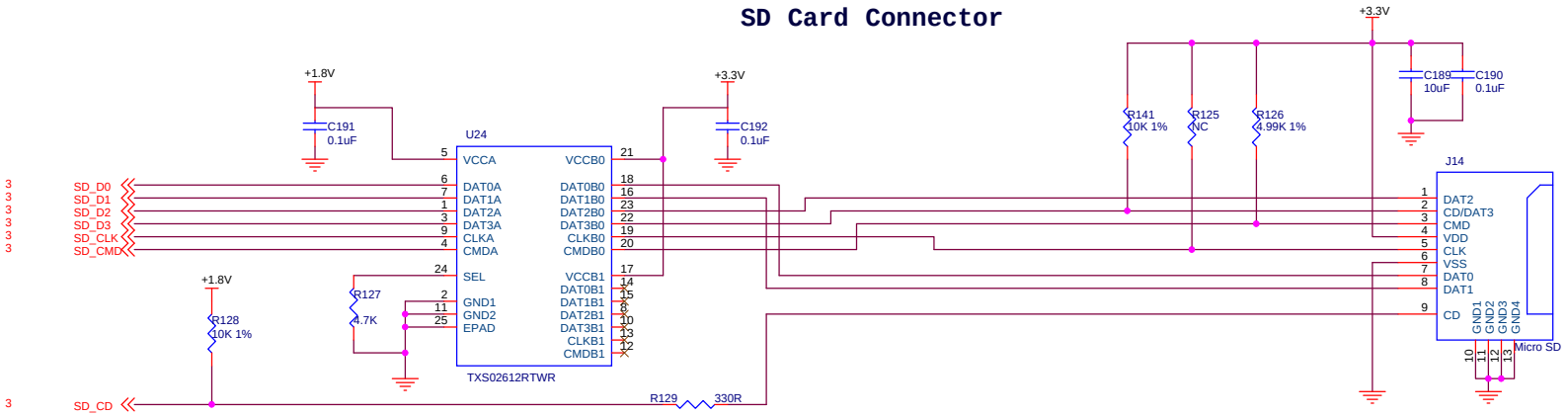

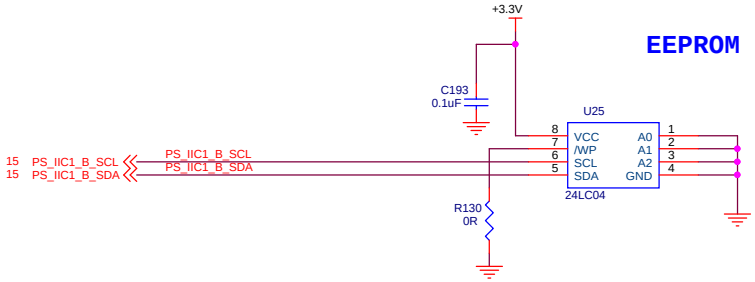

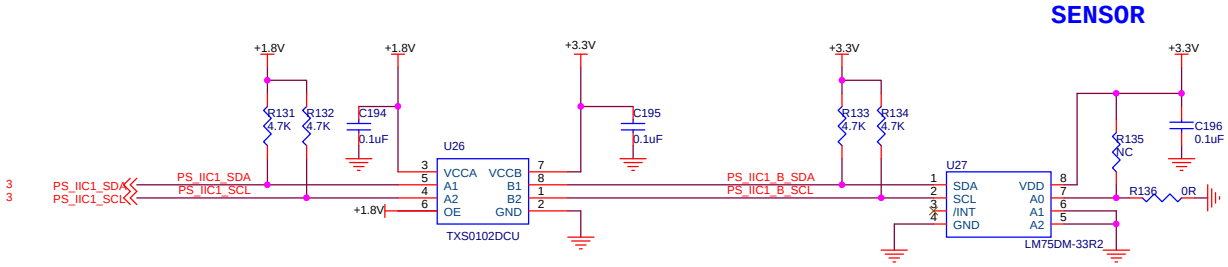

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Title	PAGE16 SD & EEPROM & Sensor	
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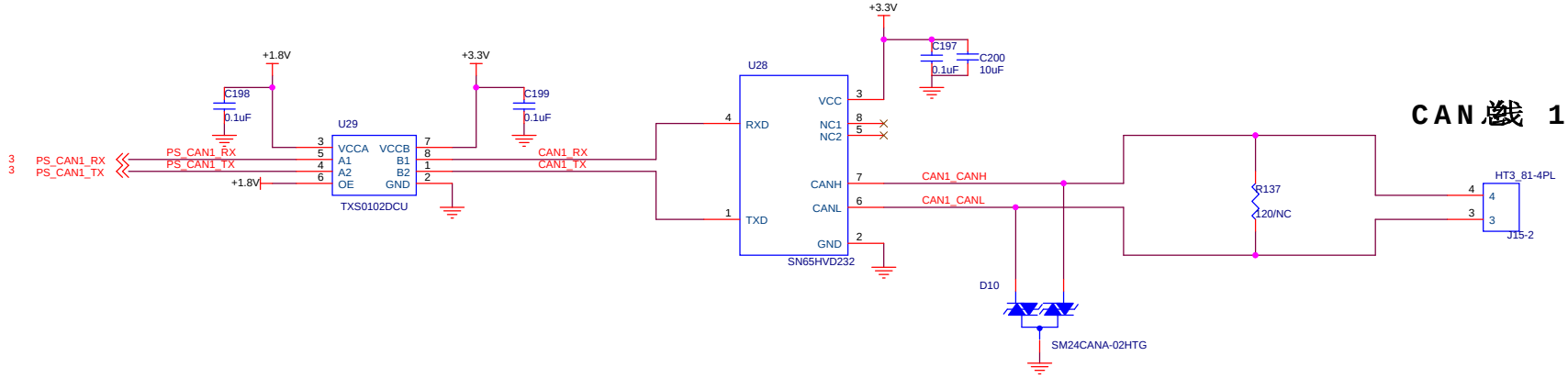

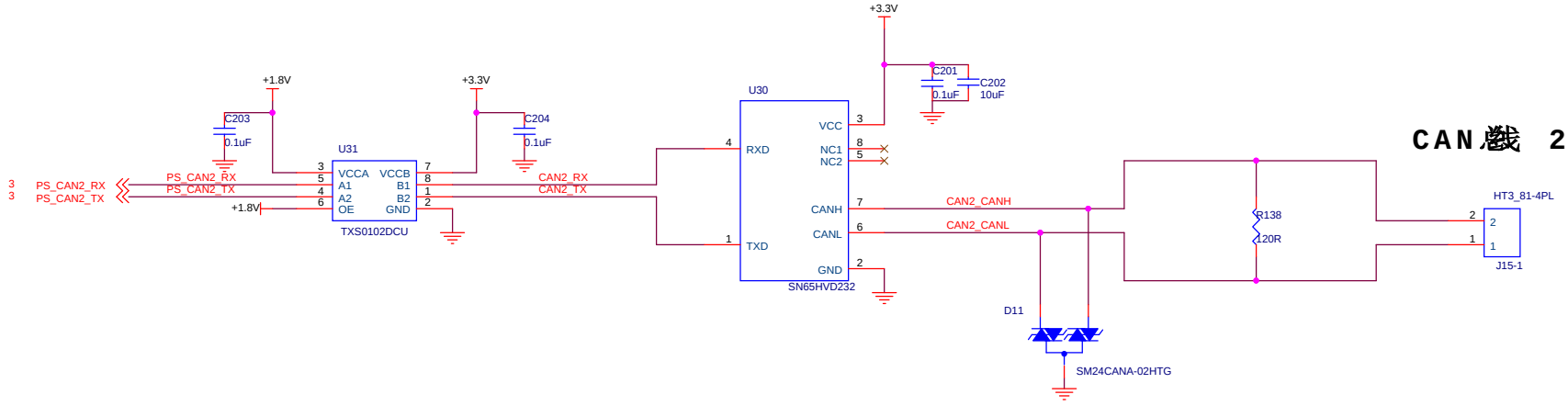

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Title	PAGE17 CAN1 & CAN2	
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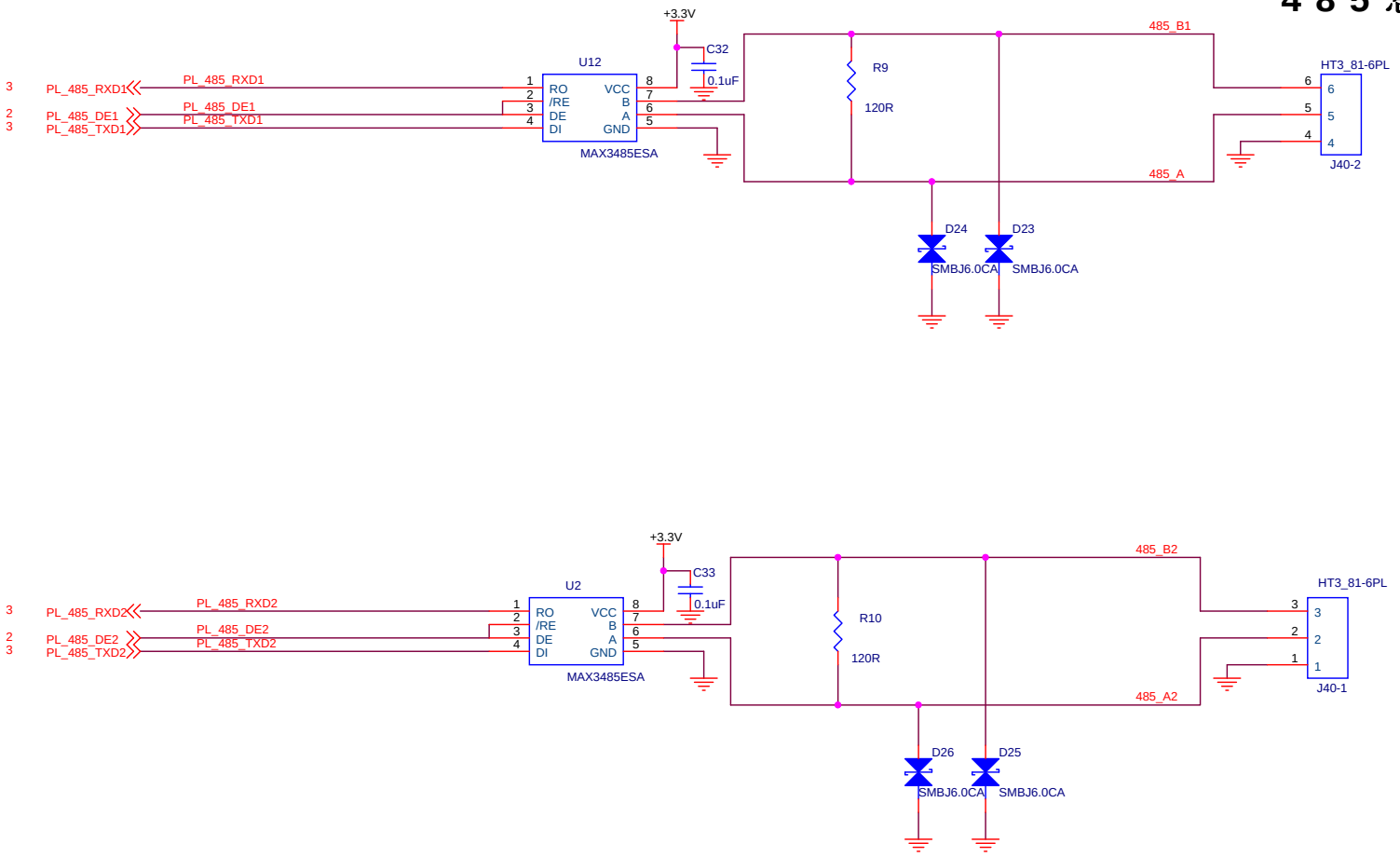

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Title: PAGE18 RS485_1 & RS485_2

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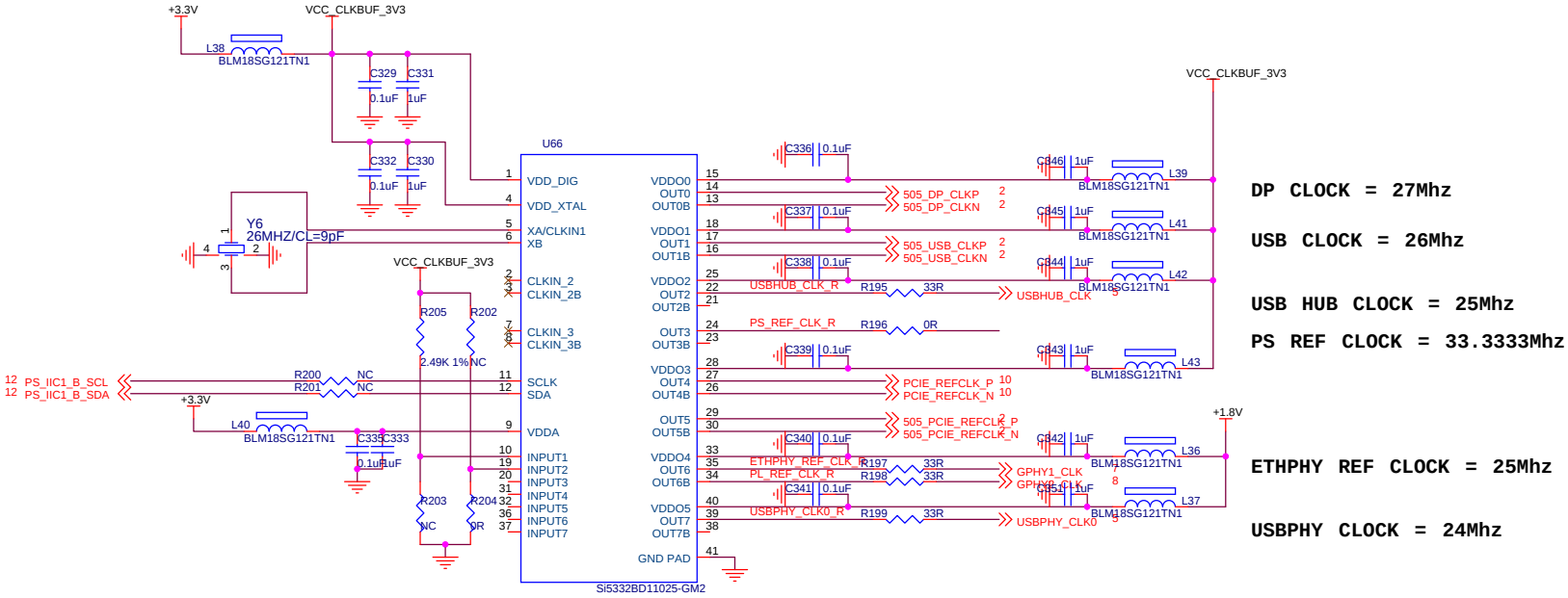


DP CLOCK = 27Mhz

USB CLOCK = 26Mhz

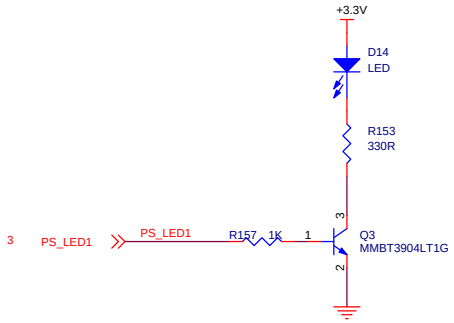
USB HUB CLOCK = 25Mhz

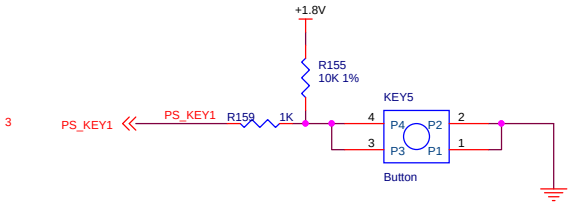
PS REF CLOCK = 33.3333Mhz

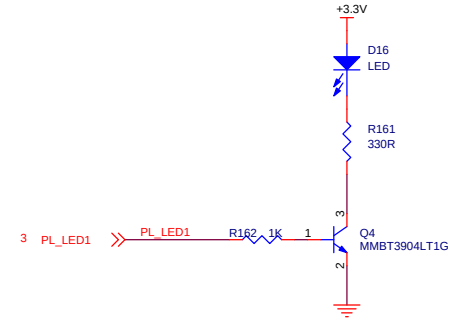
ETHPHY REF CLOCK = 25Mhz

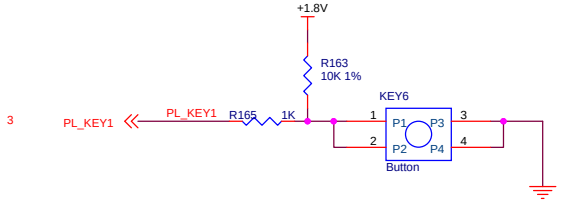
USBPHY CLOCK = 24Mhz

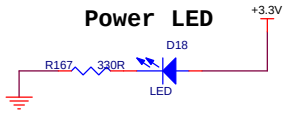
PS_IIC1: IIC ADDRESS IS 0x76











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Title	PAGE20 LED & KEY	
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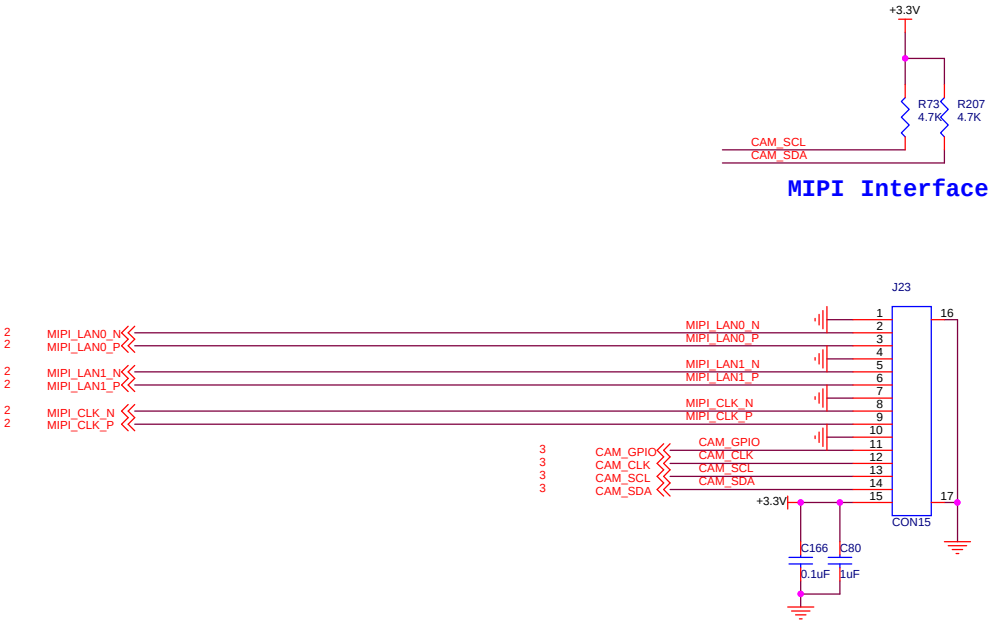

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Title	PAGE21 EXTEND IO
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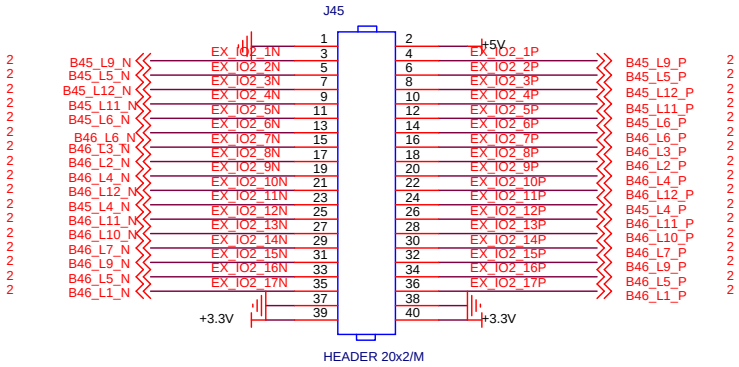

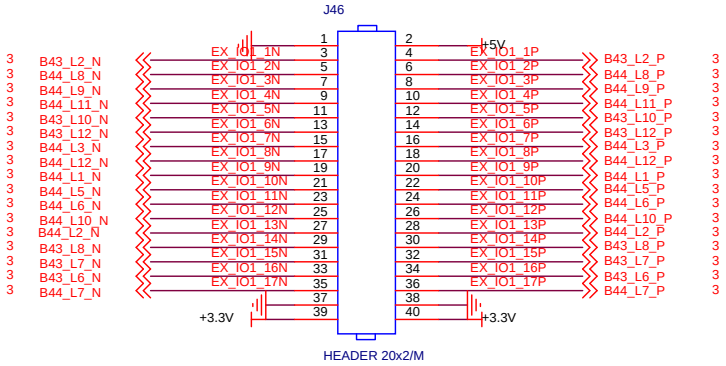

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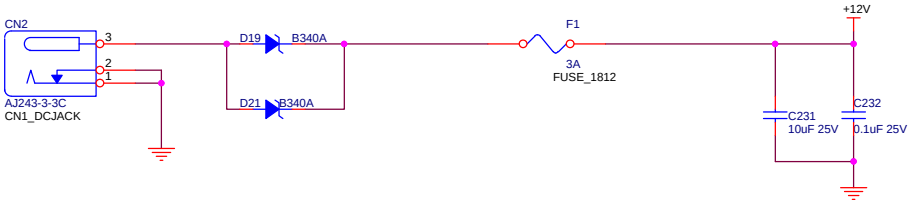
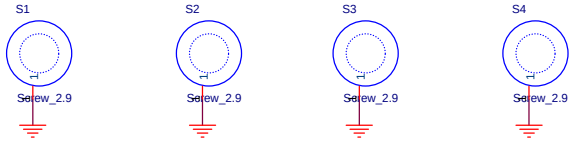
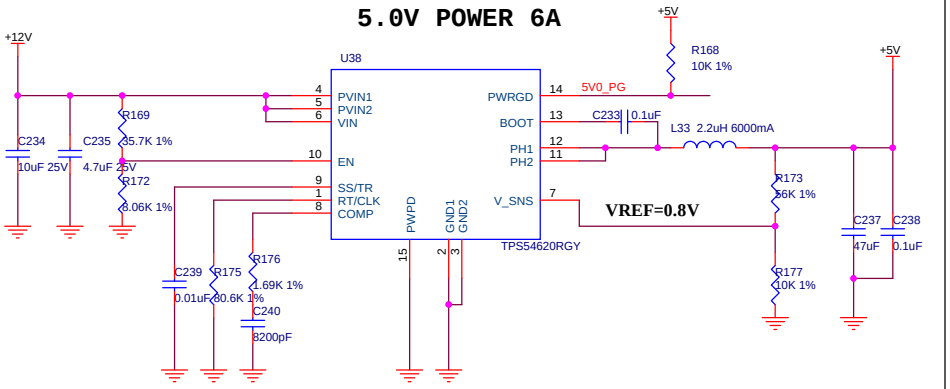
12V/3A AC Adapter

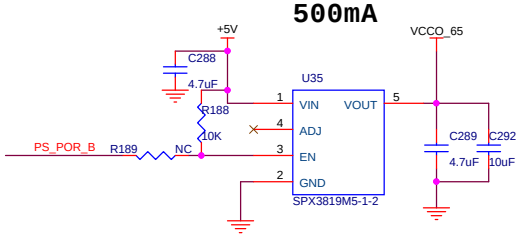




5.0V POWER 6A



500mA



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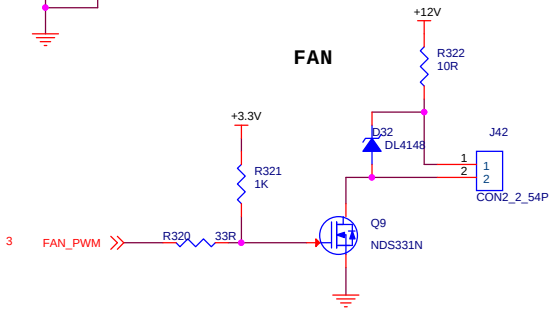
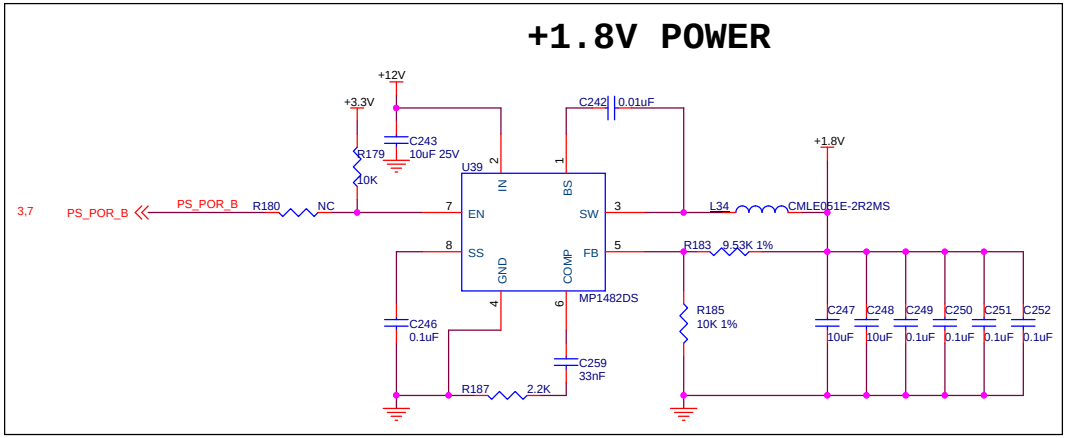
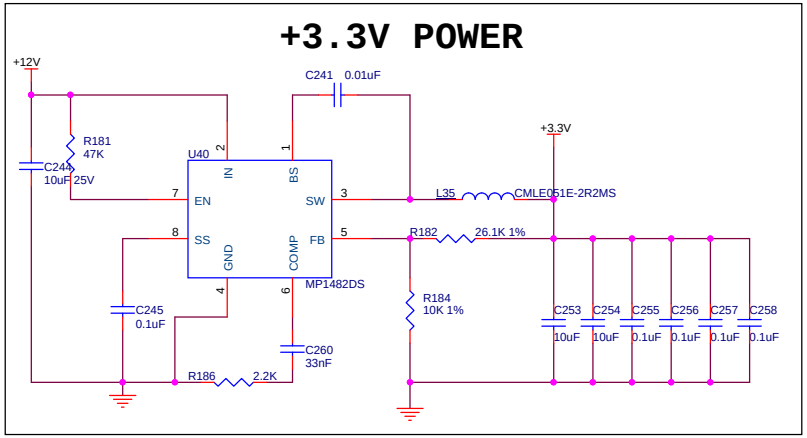


+1.8V POWER



+3.3V POWER



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