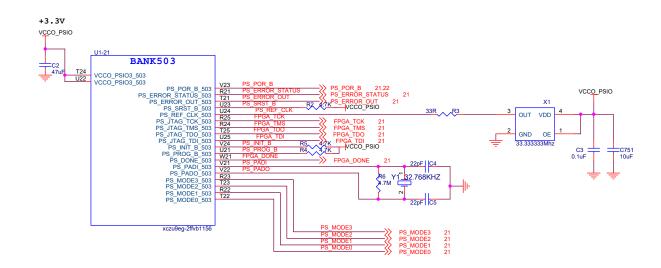
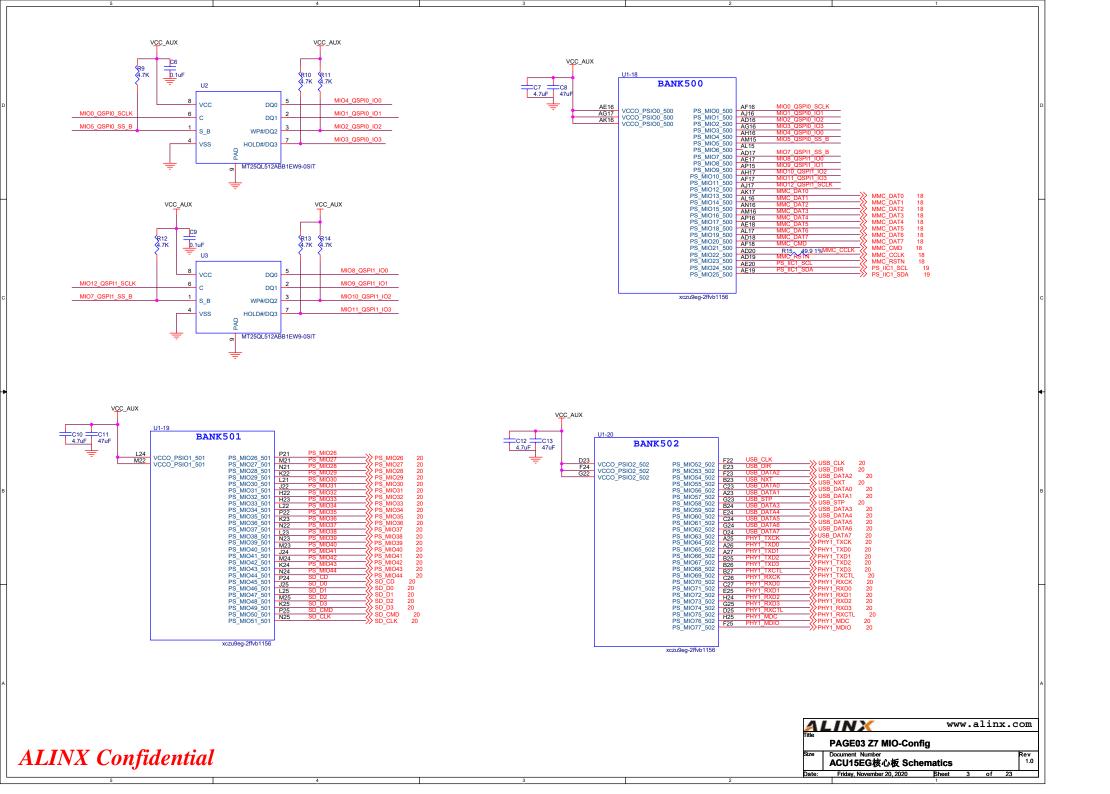
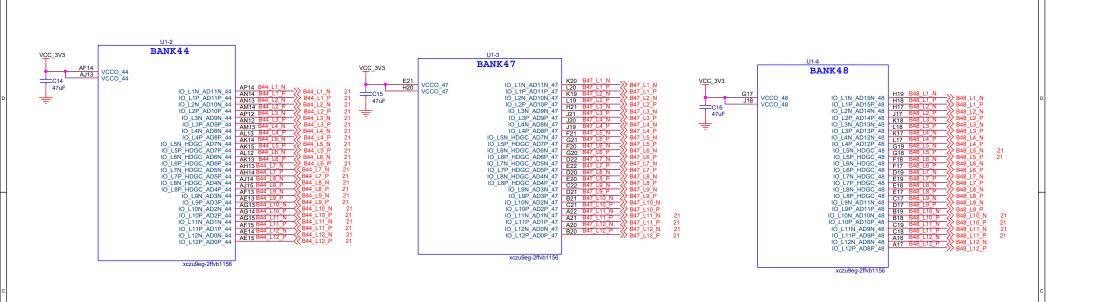


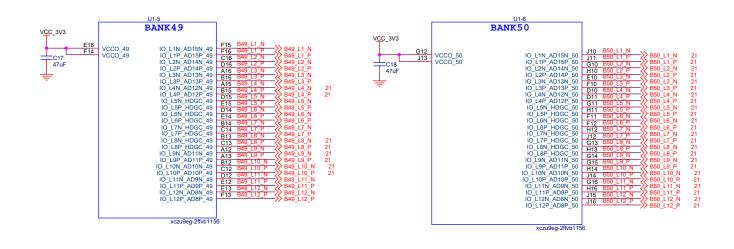


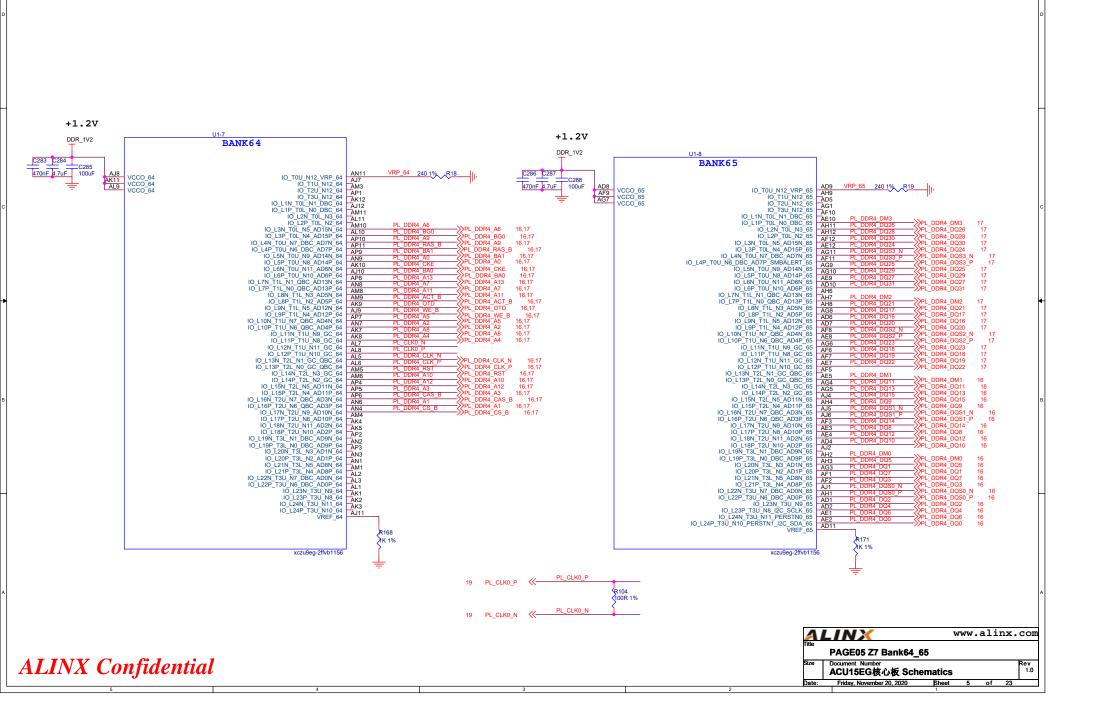
MODE[3:0]	BOOT MODE	Descritpion
0000	PS JTAG	PS JTAG Interface
0001	Quad_SPI(24b)	24-Bit addresssing(QSPI24)
0010	Quad_SPI(32b)	32-Bit addresssing(QSPI32)
0011	SD0(2.0)	SD2.0
0101	SD1(2.0)	SD2.0
0110	eMMC(1.8V)	eMMC version 4.5 at 1.8V
0111	USB0(2.0)	USB 2.0 only
1110	SD1 LS(3.0)	SD 3.0

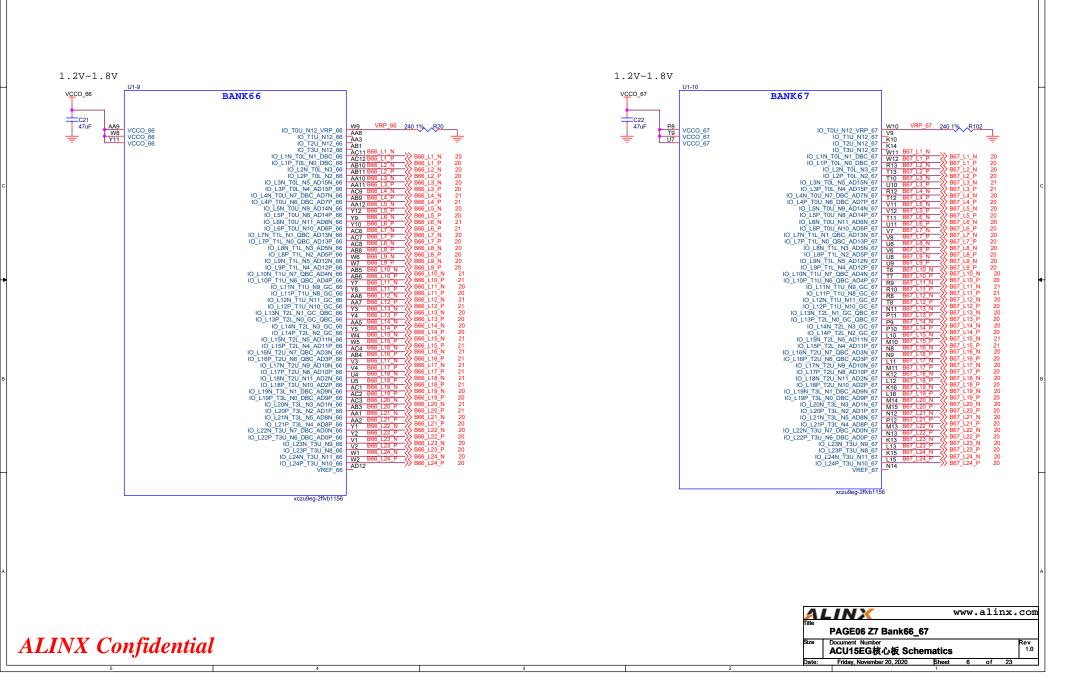


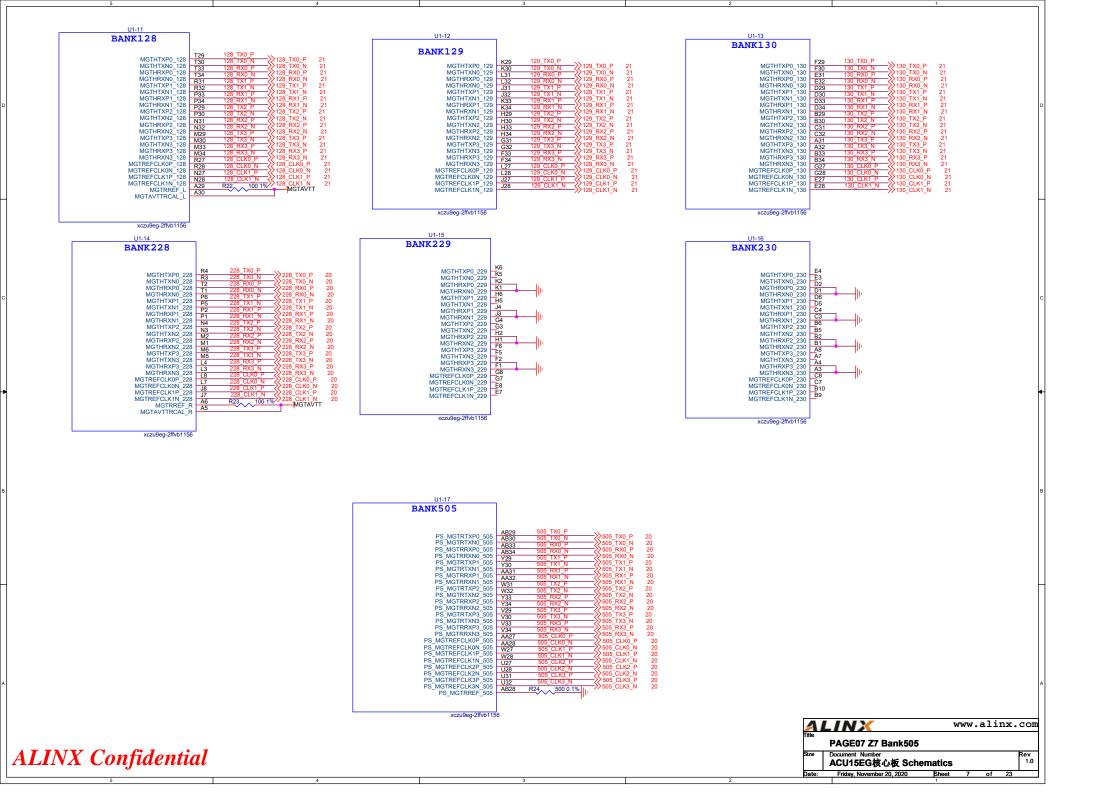


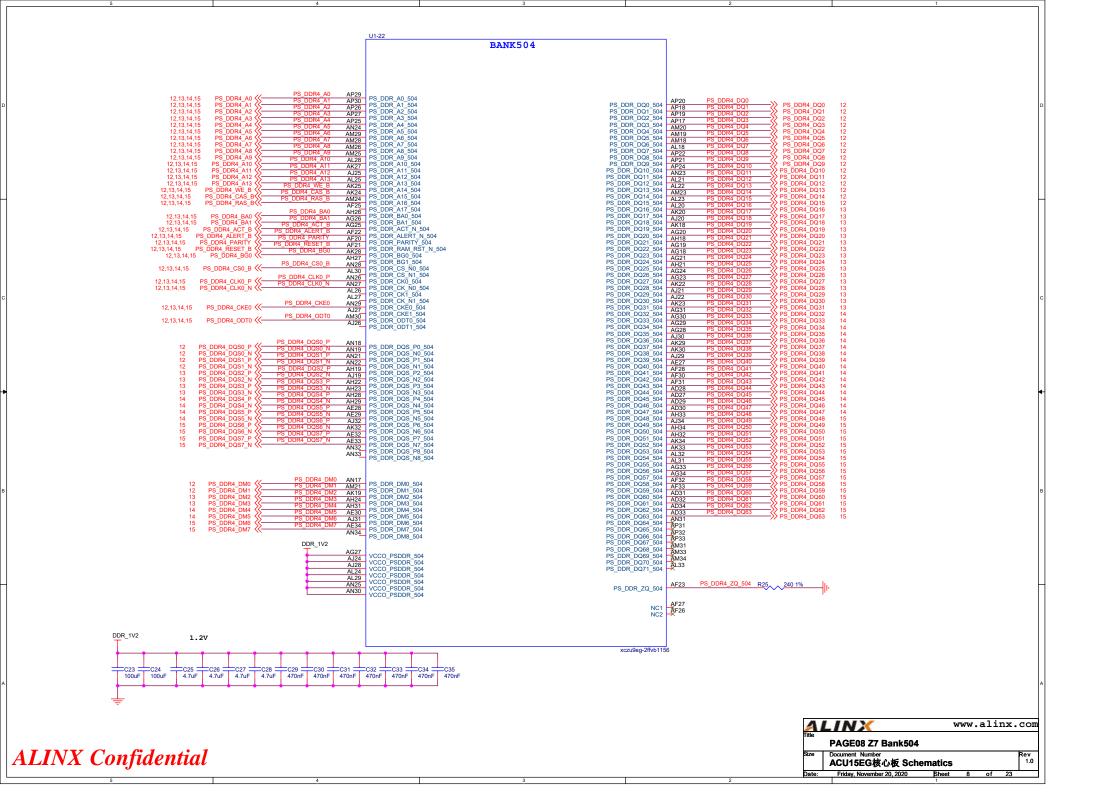


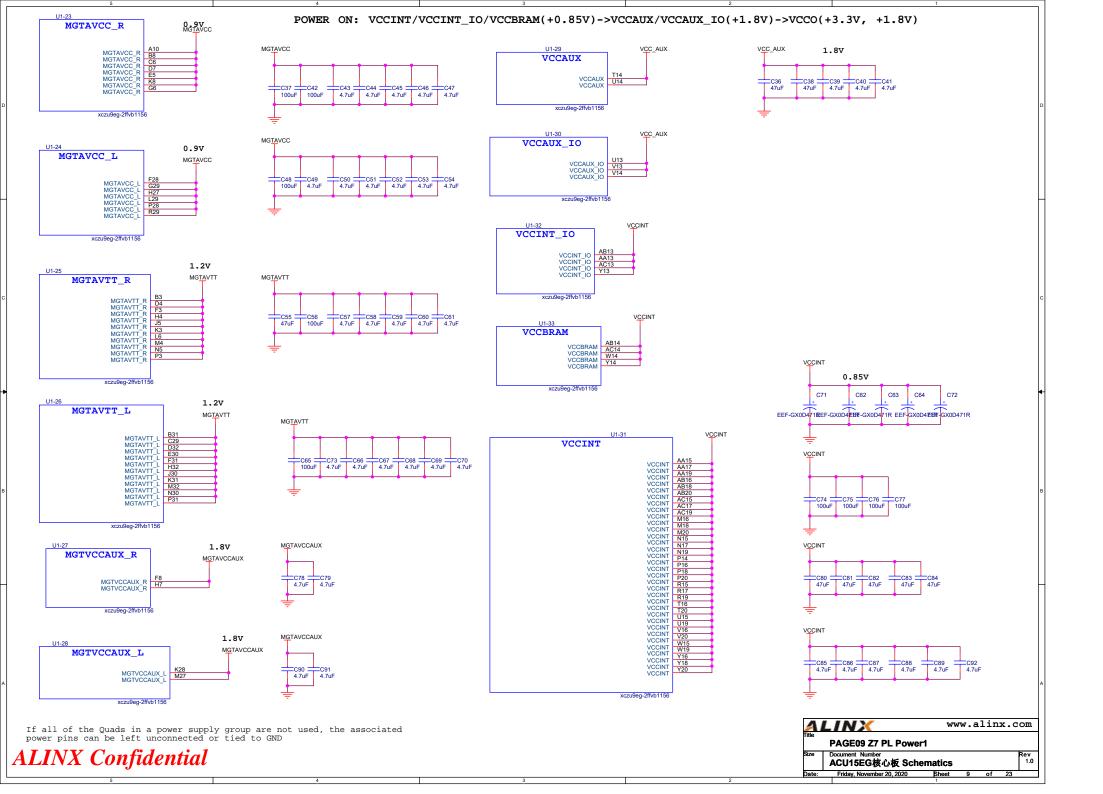








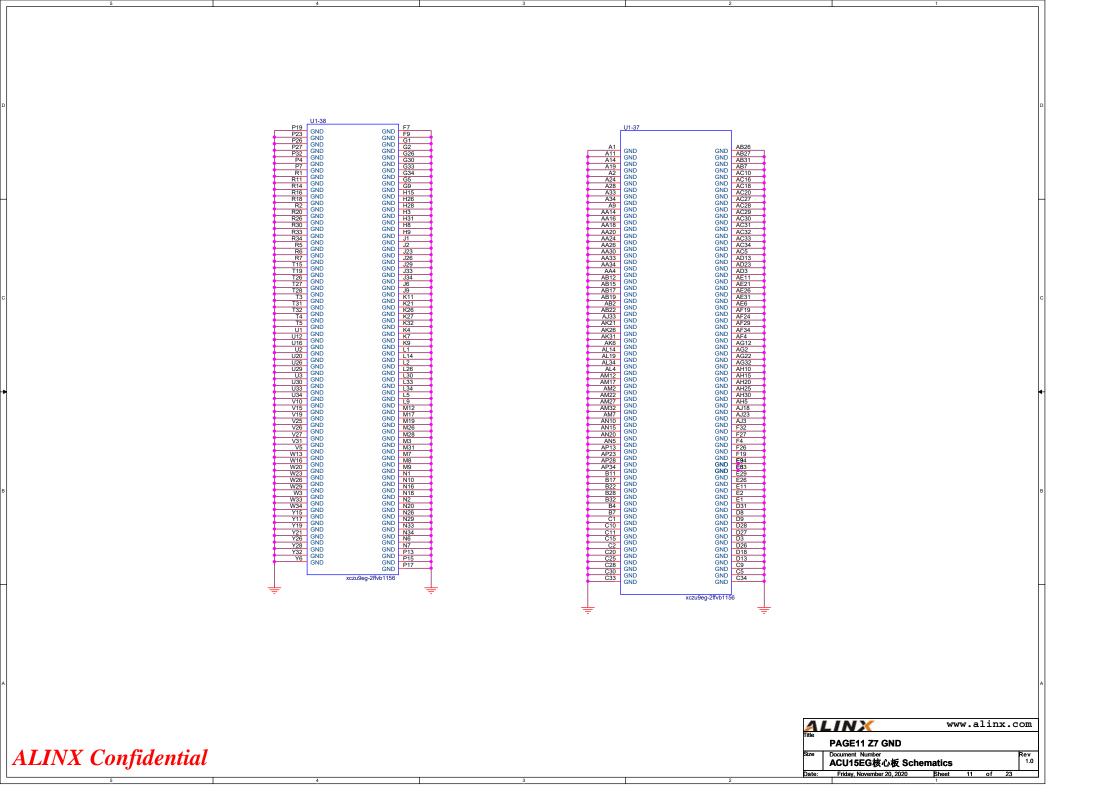


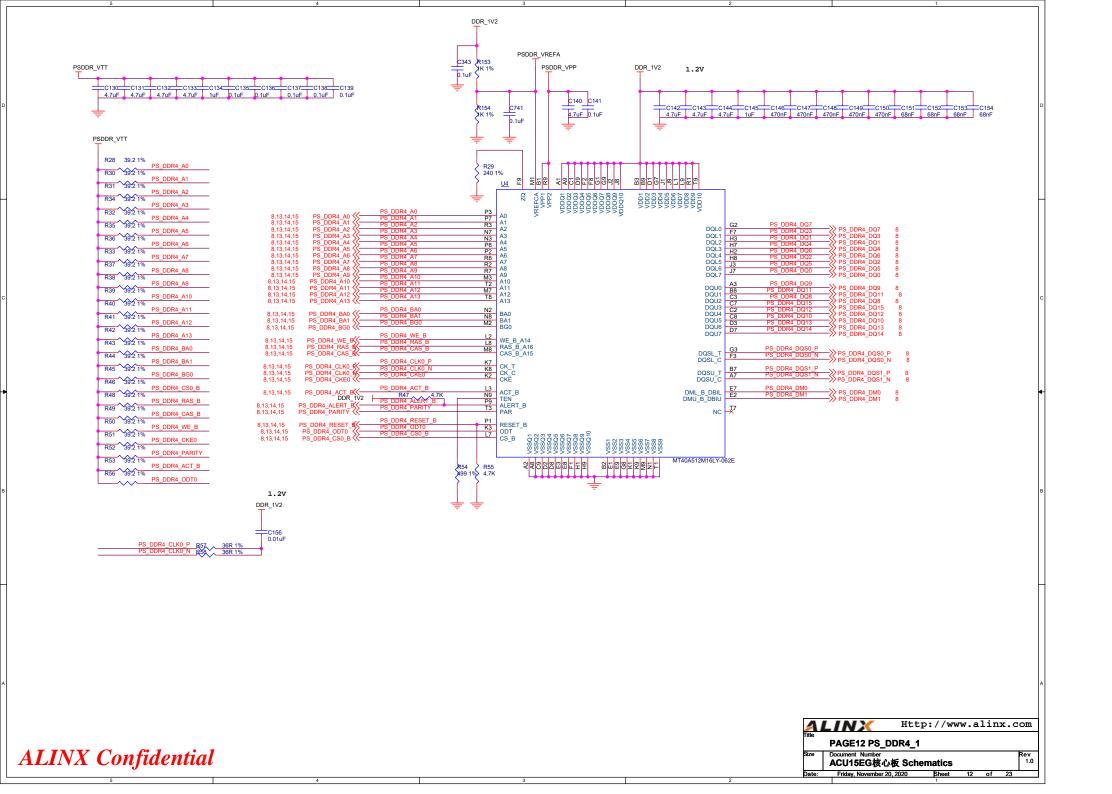


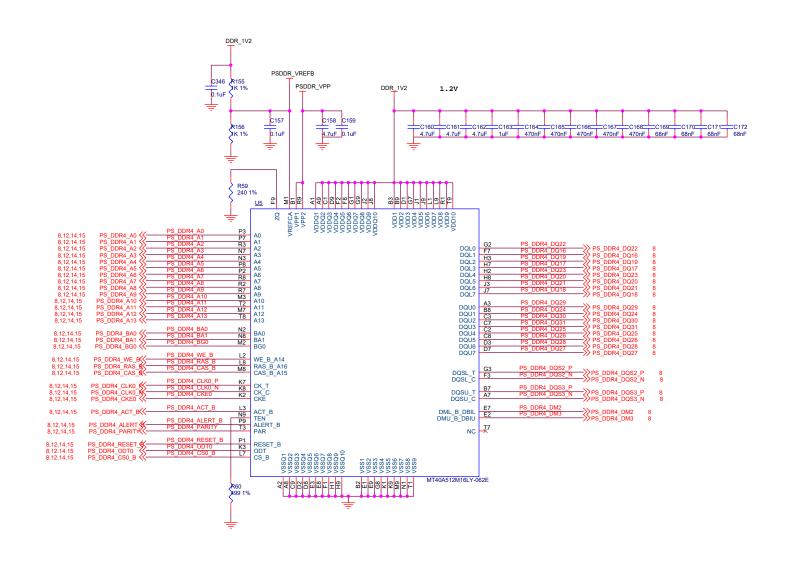
POWER ON: VCC_PSINTFP_VCC_PSINTFP_DDR(+0.85V)->VPS_MGTRAVCC(+0.9V), VCC_PSDDR_PLL(+1.8V)->VPS_MGTRAVTT(+1.8V), VCCO_PSDDR() POWER ON: VCC_PSINTLP(+0.85V)->VCC_PSAUX(+1.8V), VCC_PSADC(+1.8V), VCC_PSPLL(+1.2V)->VCCO_PSIO(+1.8V) U1-34 PS_AVCC PS_MGTRAVCC PS_AVCC 0.85V PS MGTRAVCC PS_MGTRAVCC PS_MGTRAVCC PS_MGTRAVCC 4.7uF 4.7uF 470nF 470nF xczu9eg-2ffvb1156 PS_AVTT U1-35 1.8V PS_MGTRAVTT PS_AVTT PS_MGTRAVTT 470nF 4.7uF 4.7uF xczu9eg-2ffvb1156 0.85V PS_PLL PS_PLL VCC_PSINT 1.2V PS_POWER for VCC_PSINTLP VCC_PSINT VCC_PSPLL VCC_PSPLL VCC_PSPLL VCC_PSINTLP
VCC_PSINTLP
VCC_PSINTLP
VCC_PSINTLP
AC23
AC22
AC21
AC21
AB21 100uF 4.7uF 4.7uF 100uF 100uF 4.7uF 4.7uF VCC_PSINT VCC_PSINTLP AB23
VCC_PSINTLP AA21 VCC PSINTLP 0.85V VCC_PSINTFP_DDR VCC_PSINTFP_DDR VCC_PSINT for VCC_PSINTFP VCC_PSINTFP_DDR VCC_PSINTFP VCC_PSINTFP VCC_PSINTFP VCC_PSINTFP VCC_PSINTFP AE23 AE22 C108 100uF C109 100uF C110 100uF C112 4.7uF =C111 4.7uF 4.7uF 4.7uF VCC_PS_DDR_PLL VCC_AUX VCC_PSINTFP VCC_PSINTFP BLM18SG121TN1 VCC_PSDDR_PLL VCC_PSDDR_PLL C116 C117 C118 C119 470nF 4.7uF 4.7uF 100uF VCC_AUX VCC_AUX 1.8V VCC_PSAUX VCC_PSAUX VCC_PSAUX VCC_PSAUX -≫vbat_in C120 4.7uF C123 C124 C125 C126 100uF 4.7uF 4.7uF 4.7uF AA22 VCC_AUX 100uF 100uF VCC_PSBATT L3 BLM18SG121TN1 C128 VCC_PSADC VCC_PSADC GND PSADC GND_PSADC xczu9eg-2ffvb1156 www.alinx.com ALINX PAGE10 Z7 PS Power2 Rev 1.0 ACU15EG核心板 Schematics

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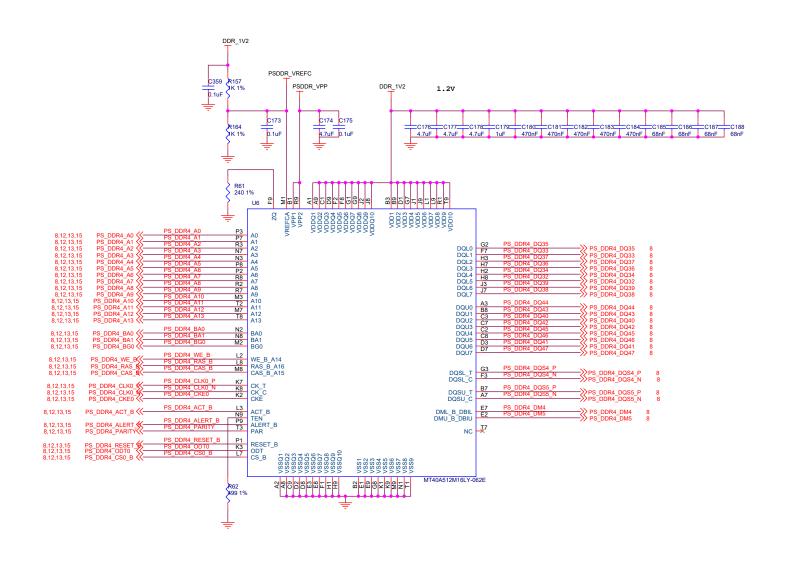


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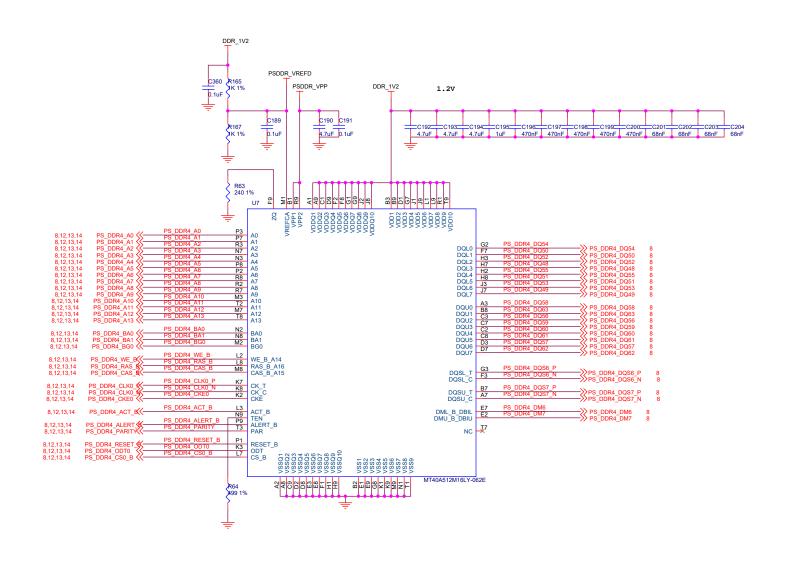
Date: Friday, November 20, 2020 Sheet 13 of 23

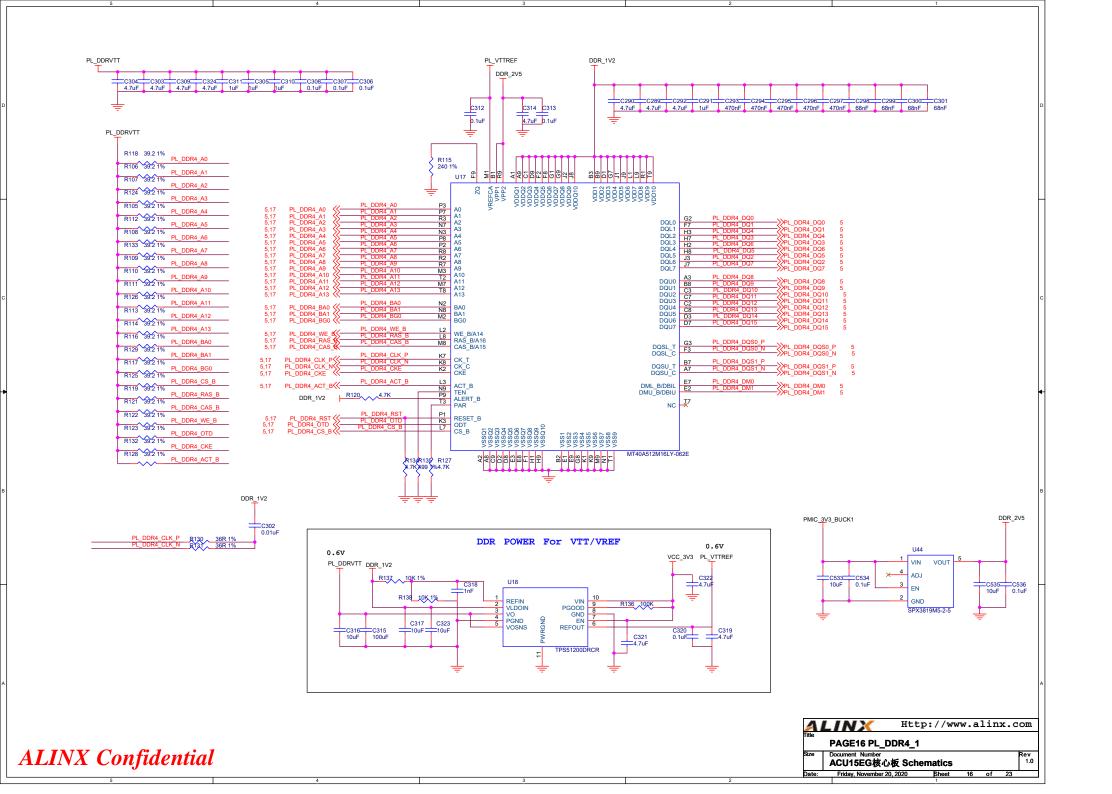


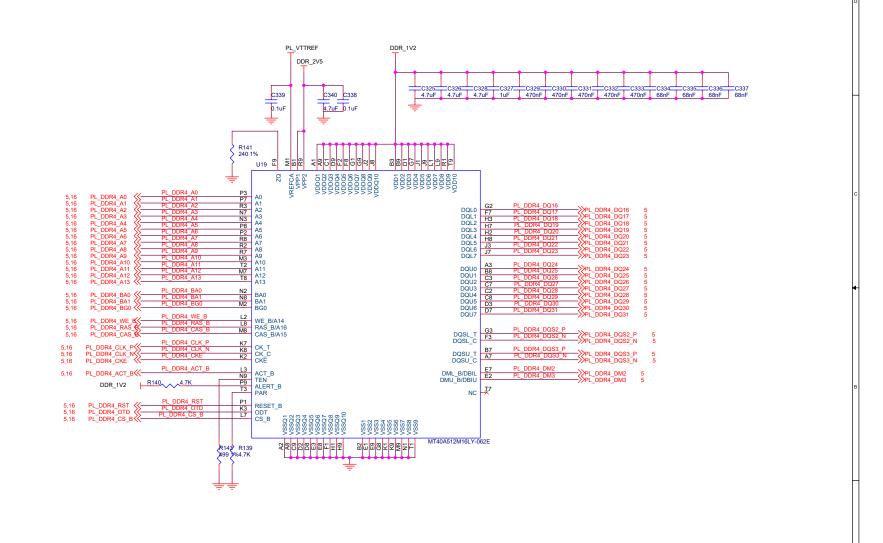
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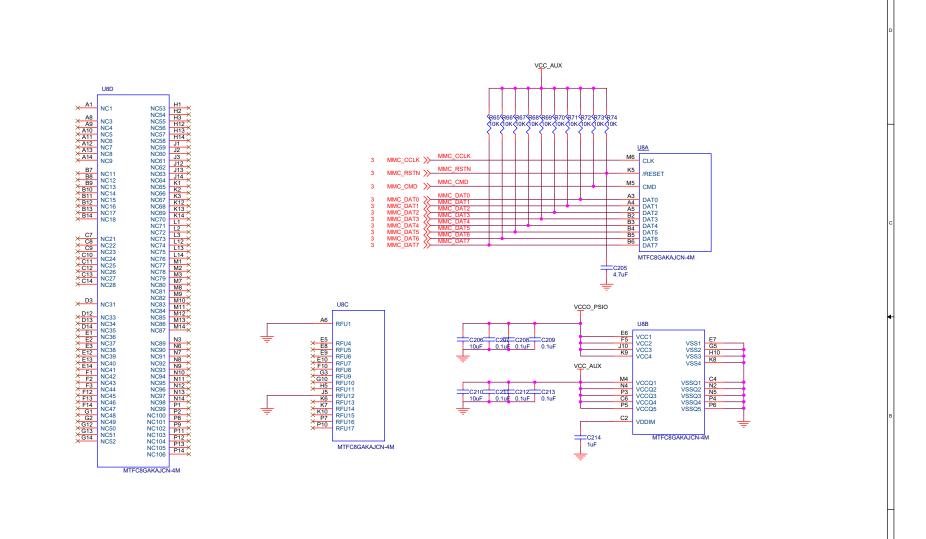


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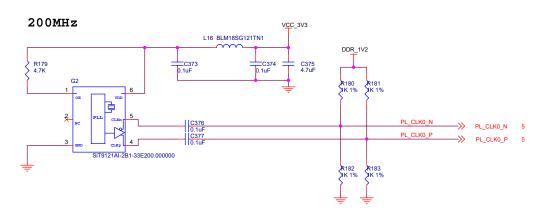
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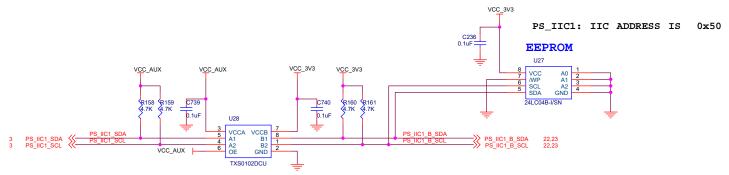
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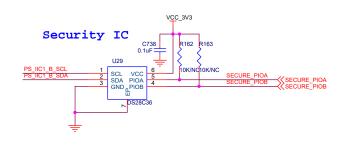


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PL SYSTEM CLOCK

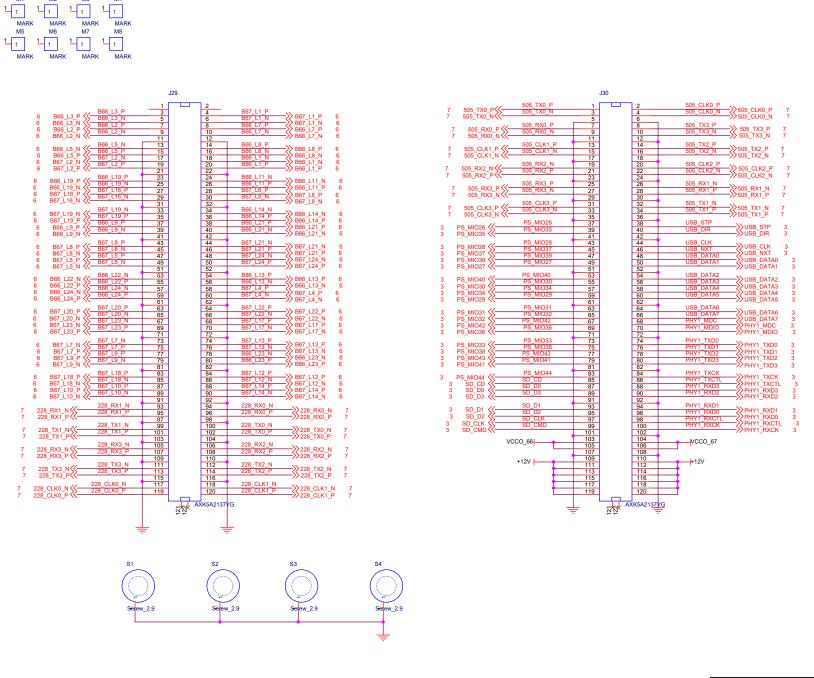






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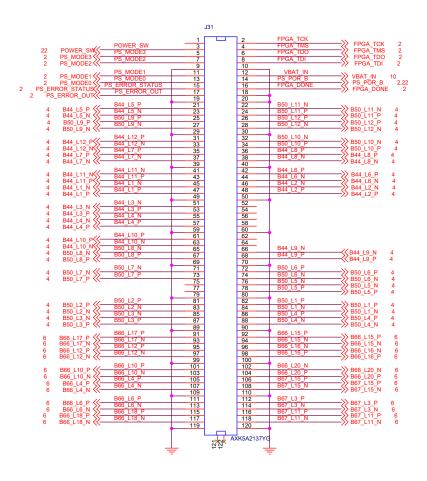


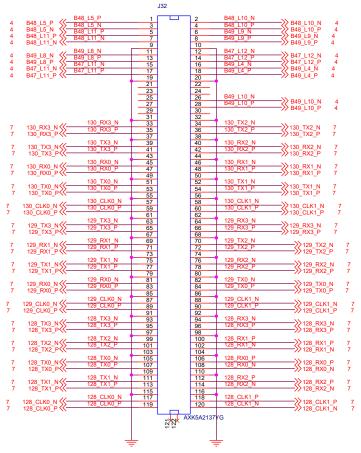
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PAGE20 Connector_1

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I2C ADDRESS IS: 0x30

