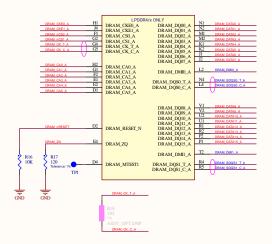
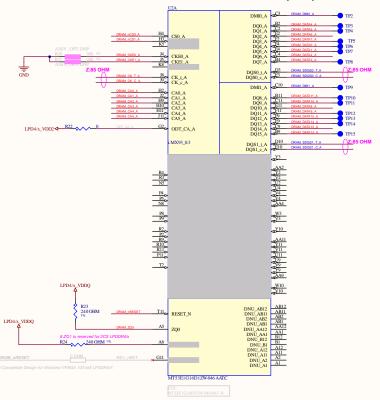
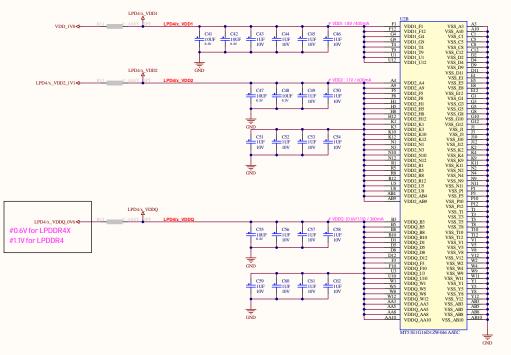


LPDDR4/X









Power Supply Voltage Sequence:

RESET_n is held LOW.

VDD1 >= VDD2

VDD2 >= VDDQ-200mV

Power ramp duration tINIT0 (Tb"CTa) must not exceed 20ms.

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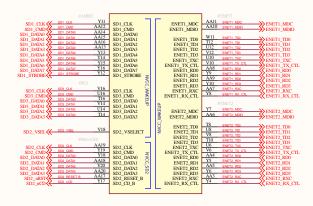
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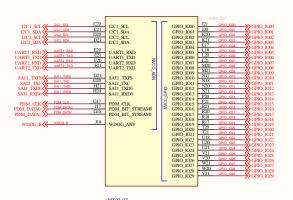
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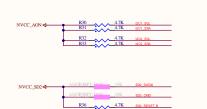
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i.MX93 IO/PHY





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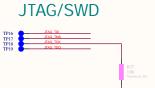


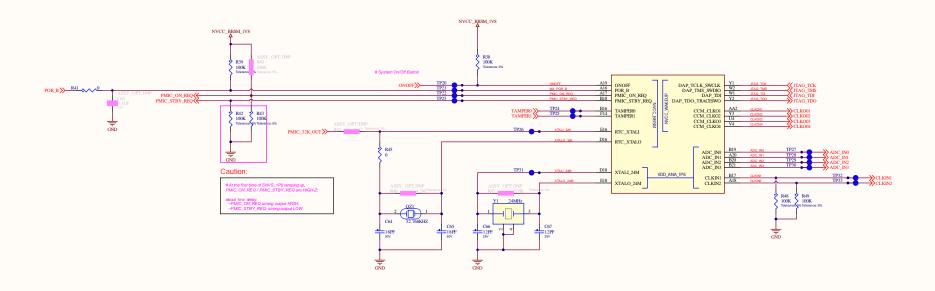
External PU is necessary for SD2_RESET_B to enable SD card power as default!

i.MX93_0.3

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i.MX93 MISC

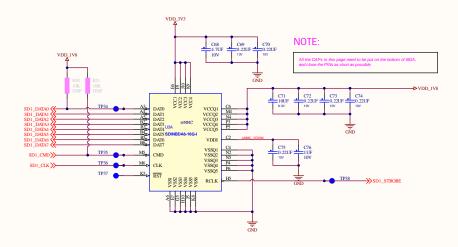


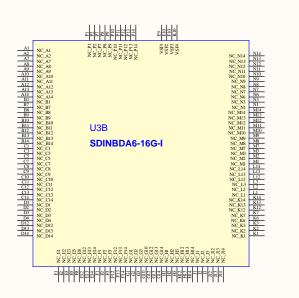


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FLASH: eMMC <5.1>



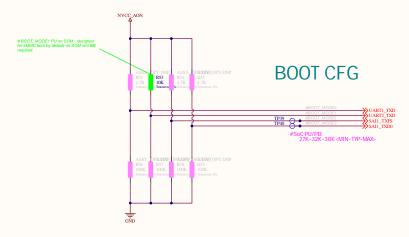


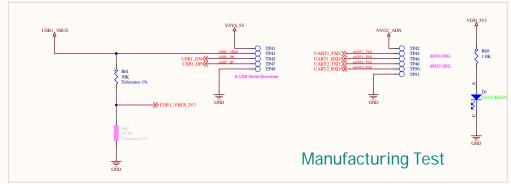
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Boot Mode and CFG Switch

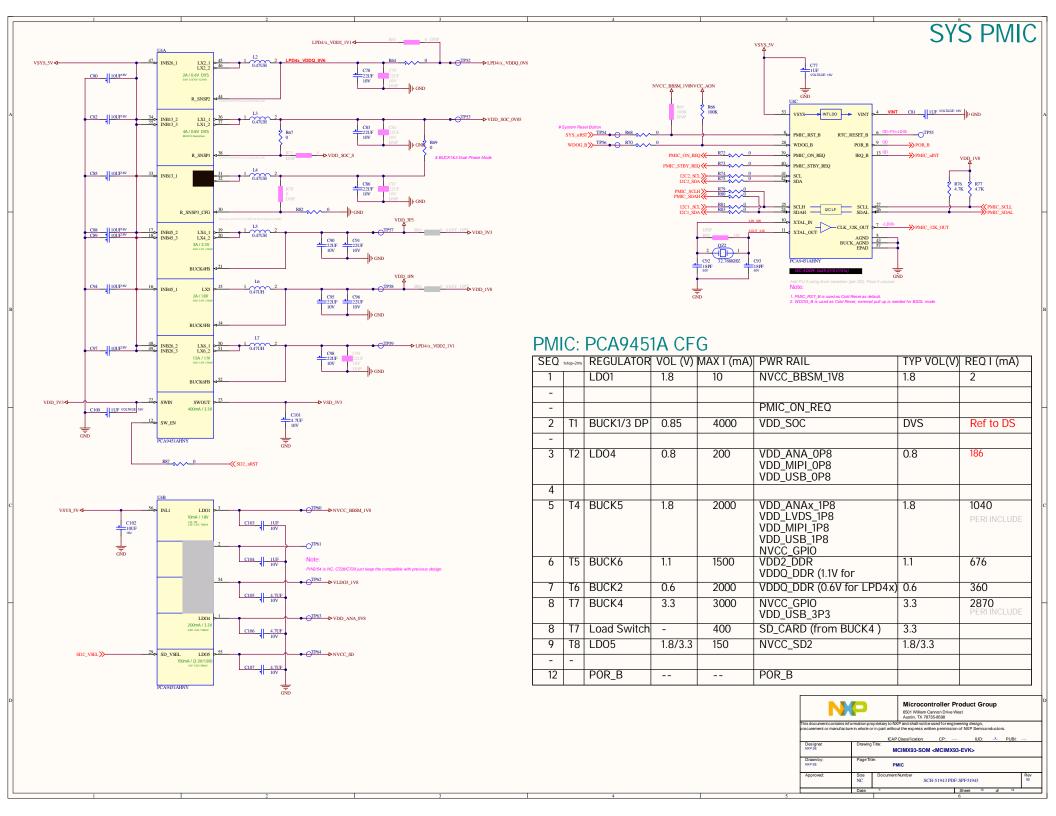
i.MX93 BOOT MODE

BOOT_MODE[3:0]	BOOT CORE	BOOT DEVICE	COMMENT
0000	Cortex-A55	From internal fuses	
0001	Cortex-A55	Serial Downloader	USB1/2
0010	Cortex-A55	USDHC1 8-bit eMMC 5.1	
0011	Cortex-A55	USDHC2 4-bit SD3.0	
0100	Cortex-A55	FlexSPI Serial NOR	with SFDP (JESD-216) discoverable parameters
0101	Cortex-A55	FlexSPI Serial NAND 2K page	
0110	Cortex-A55	Infinite Loop	
0111	Cortex-A55	Test Mode	
1000	Cortex-M33	From internal fuses	
1001	Cortex-M33	Serial Downloader	USB1
1010	Cortex-M33	USDHC1 8-bit eMMC 5.1	
1011	Cortex-M33	USDHC2 4-bit SD3.0	
1100	Cortex-M33	FlexSPI Serial NOR	with SFDP (JESD-216) discoverable parameters
1101	Cortex-M33	FlexSPI Serial NAND 2K page	
1110	Cortex-M33	Infinite Loop	
1111	Cortex-M33	Test Mode	





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B2B CN for CPU SOM

