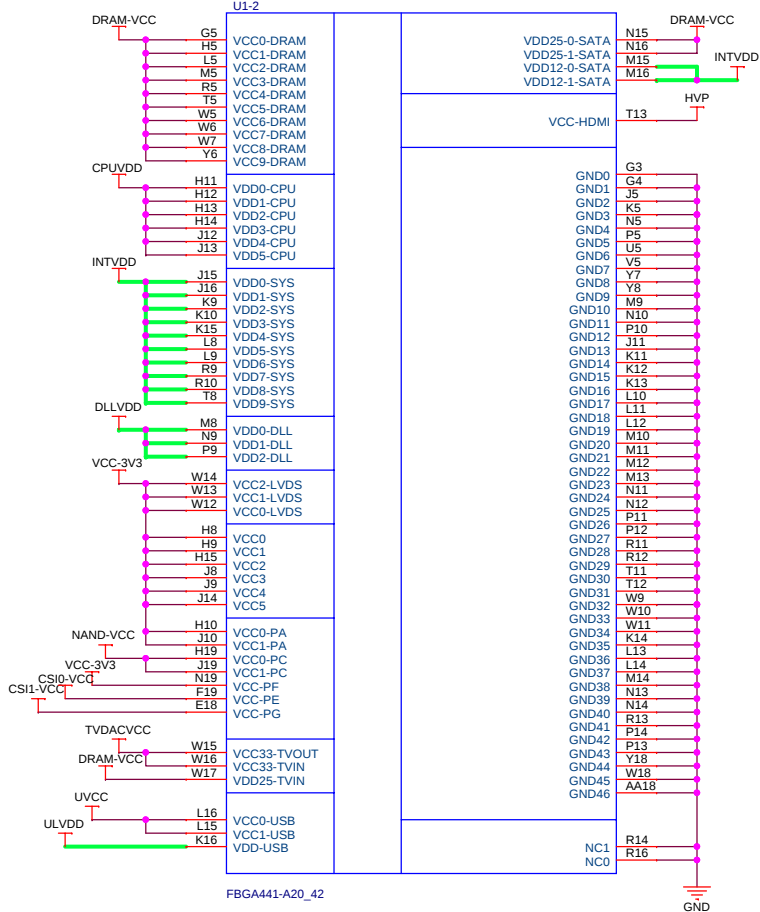
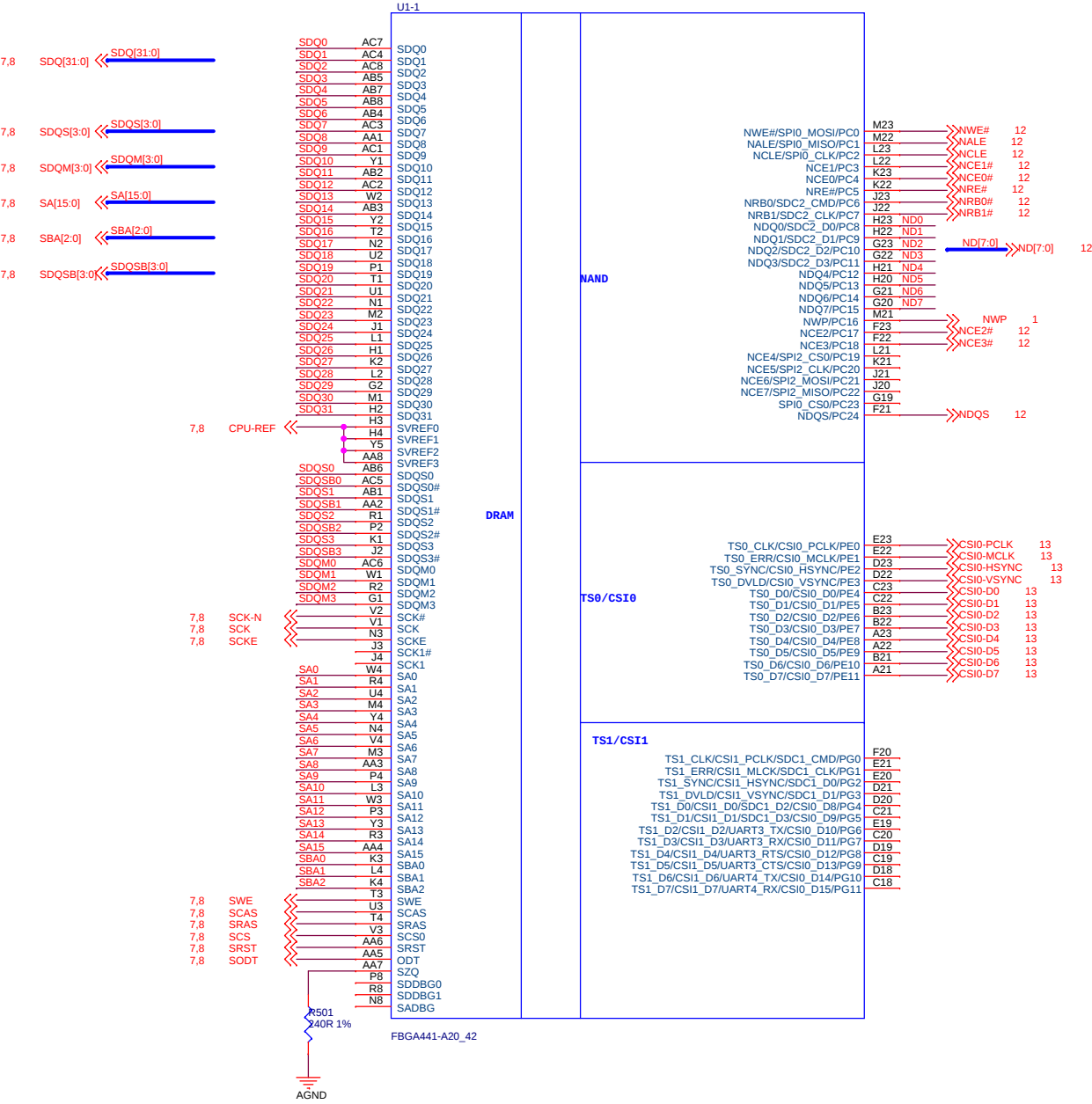
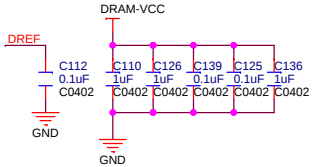
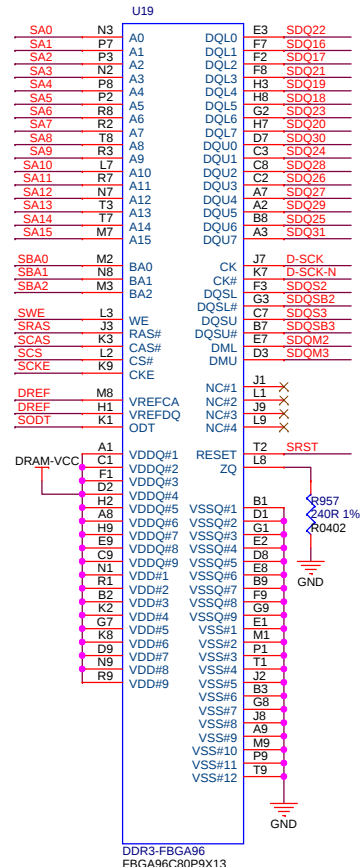
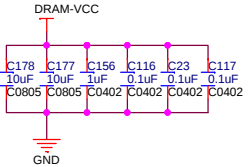
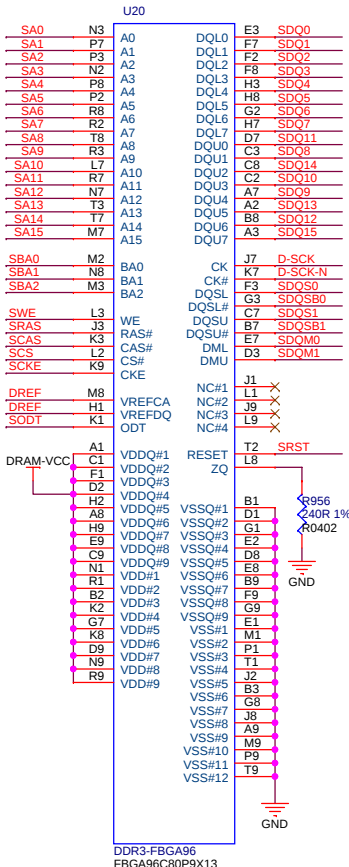
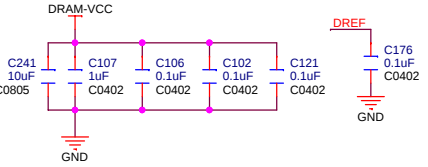
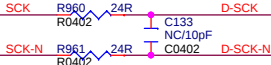
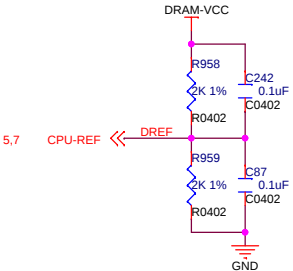
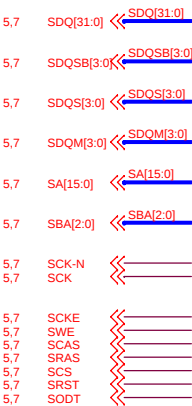


CPU1



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DDR3-16BITX2



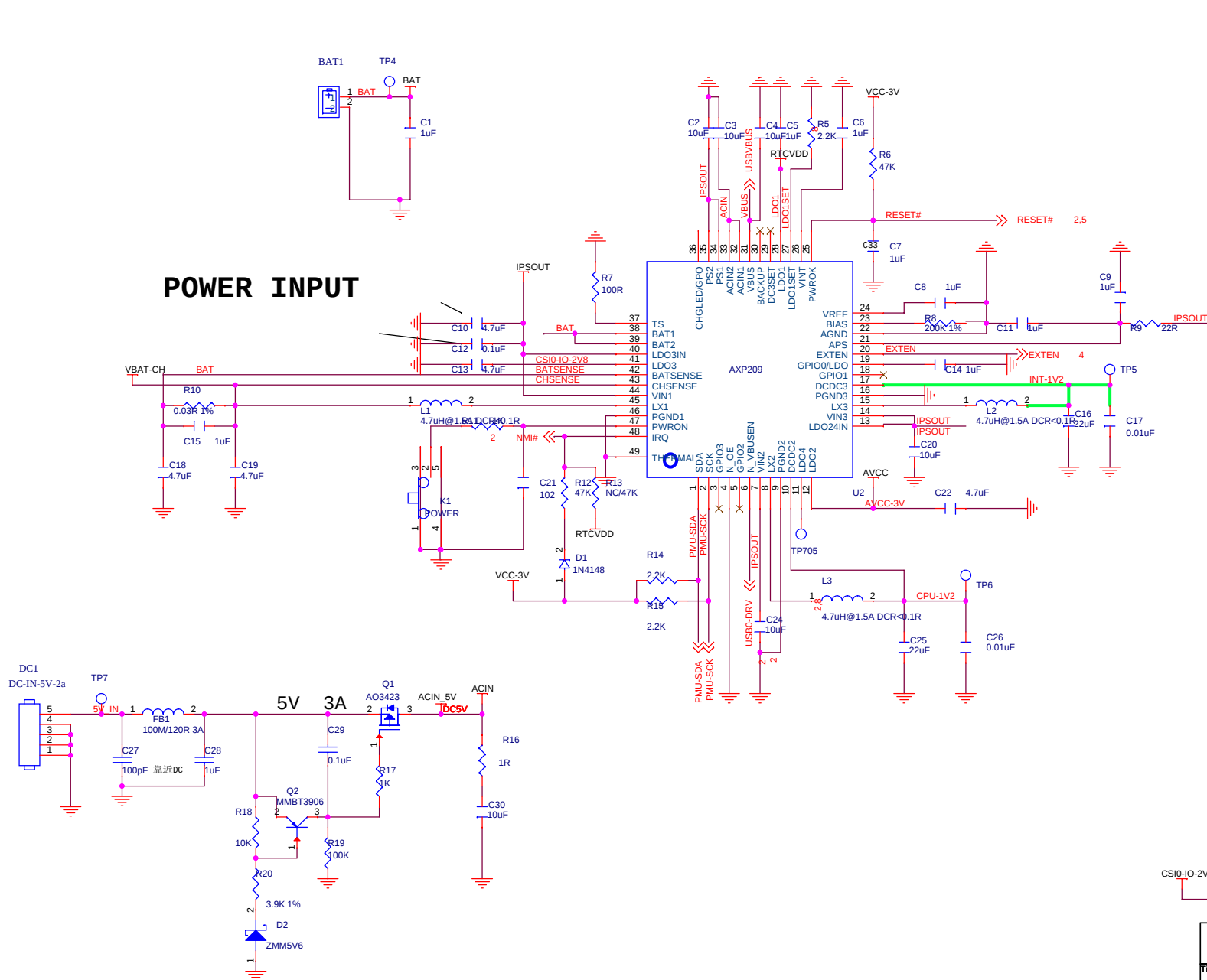
CPU2



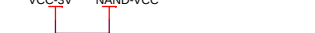
MAINCHIP_PAD_DDR3

Title			
CPU2			
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POWER-PMU

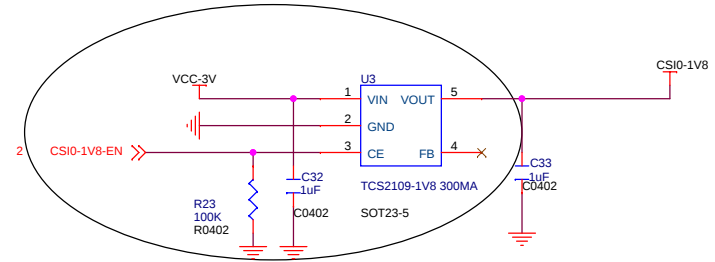
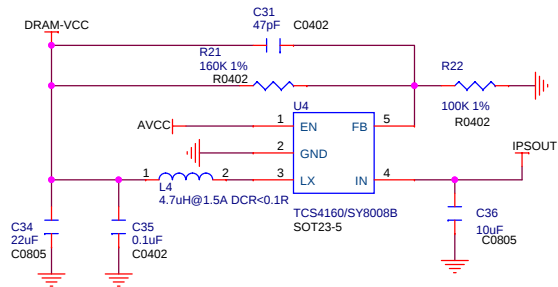


POWER LINE:Width>=60mil



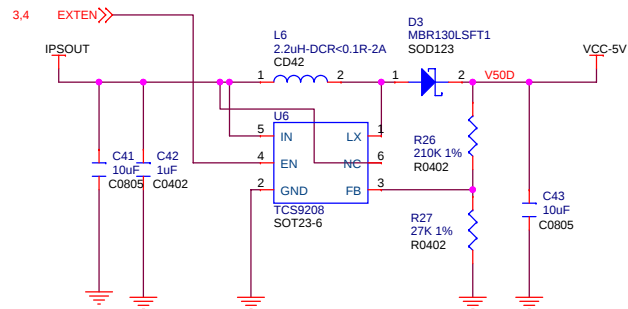
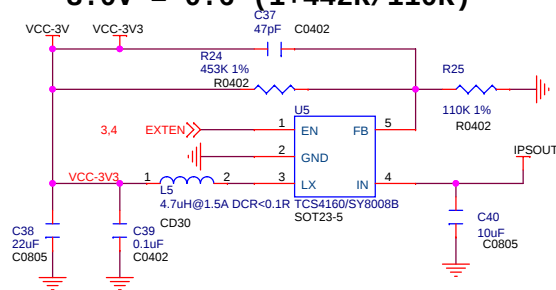
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Title POWER - PMU			
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POWER-DC/DC



$$V_{out} = 0.6 * (1 + R1/R2)$$

$$3.0V = 0.6 * (1 + 442K/110K)$$



$$V_{out} = 0.6 * (1 + R1/R2)$$

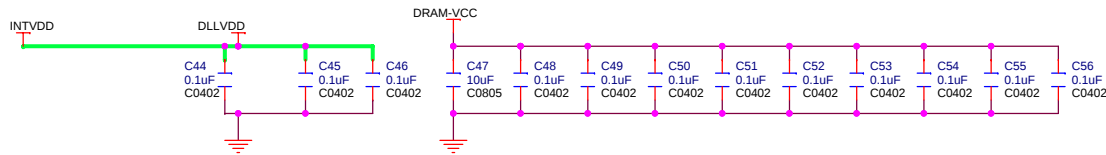
$$5.26V = 0.6 * (1 + 210K/27K)$$

MAINCHIP_PAD_DDR3

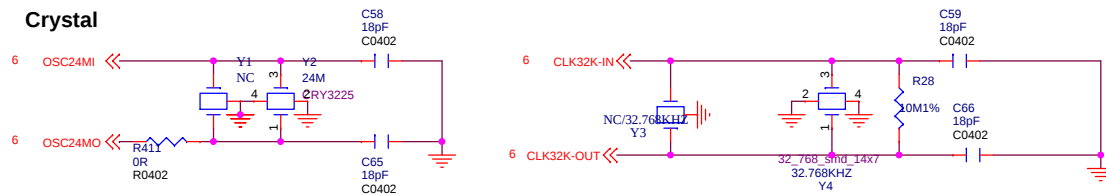
Title		
POWER - DC/DC		
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BESIDE CPU

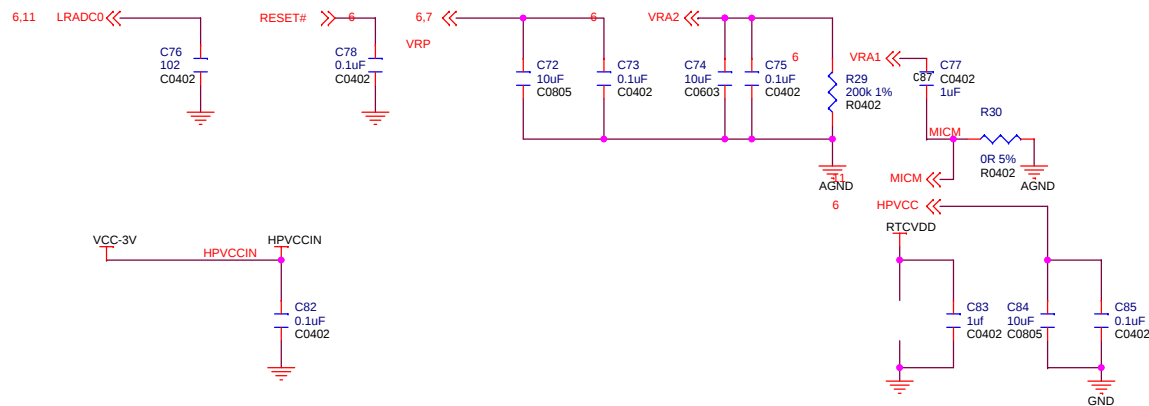
DRAM



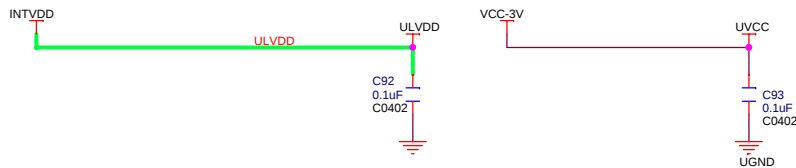
Crystal



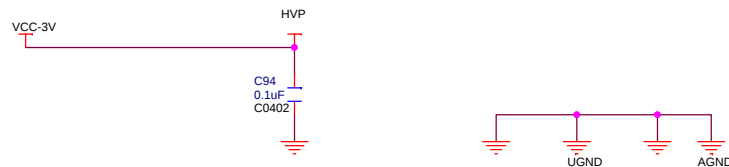
AUDIO&SYS&TP



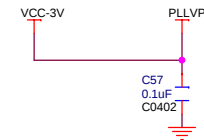
USB



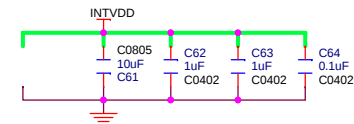
HDMI



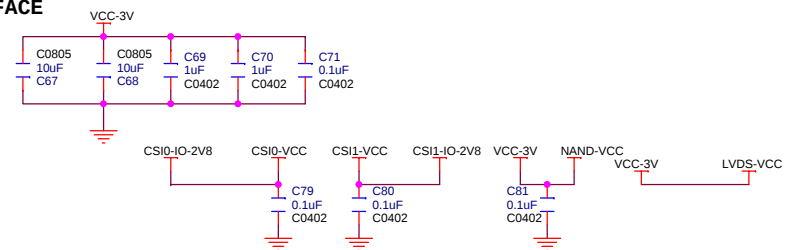
PLL



CORE



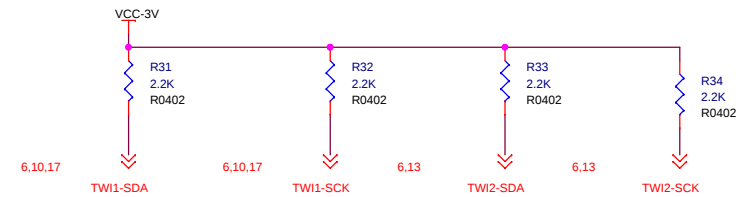
PIO-INTFACE



CPU&TV



TWI-PULLUP



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BESIDE CPU			
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HDMI

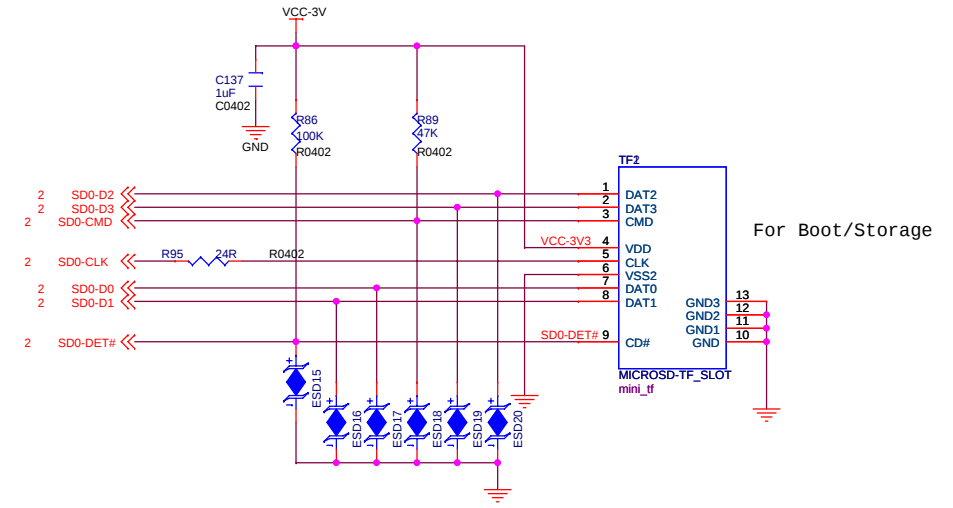
Differential pairs
Z0= 100 ohm



HMMICSI

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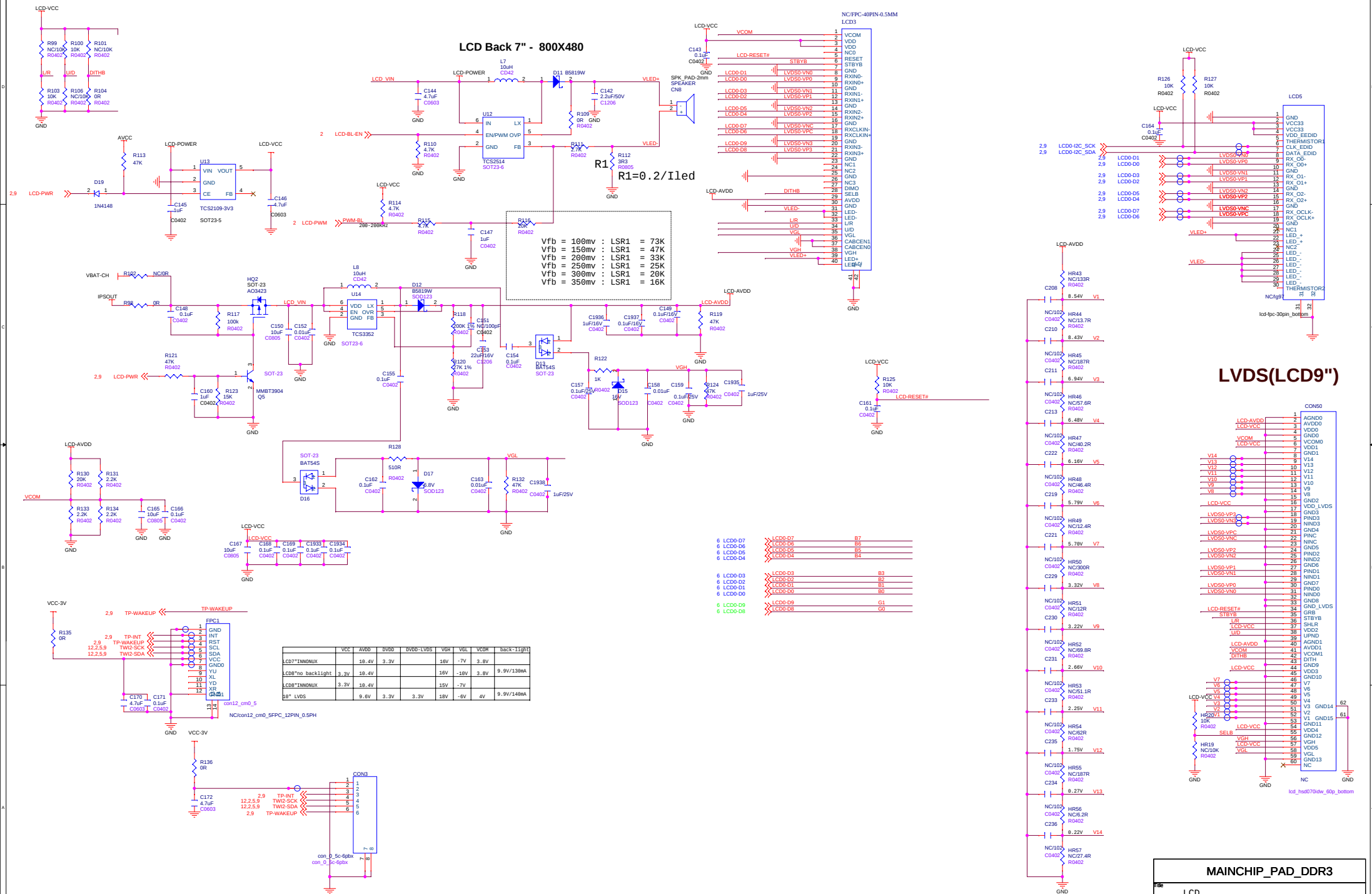


CARD0

For Boot/Storage

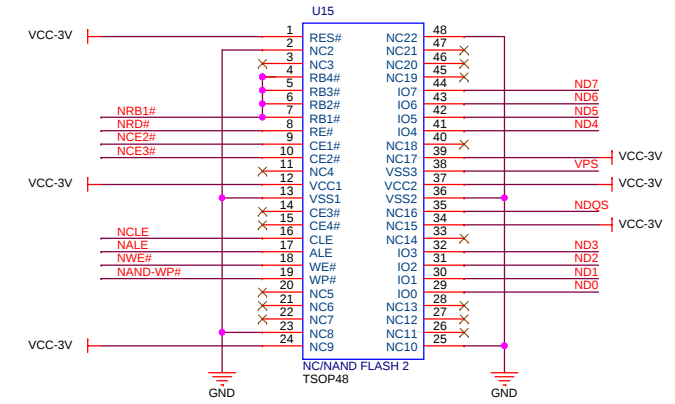
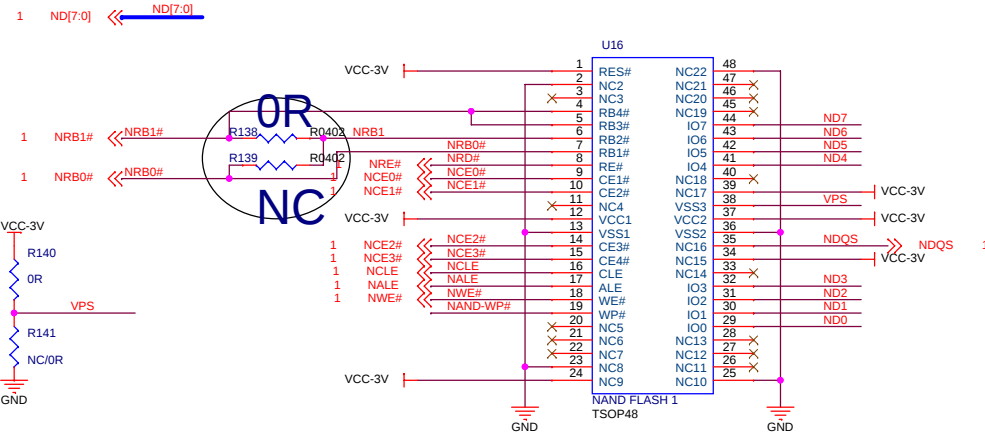
MAINCHIP_PAD_DDR3			
Title			
USB - CARD			
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LCD

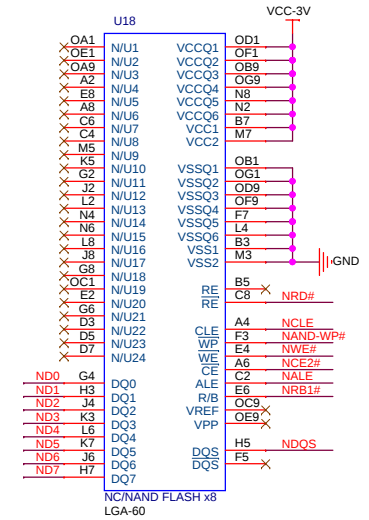
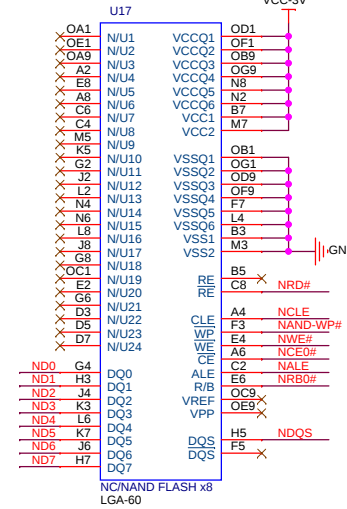


NAND Flash

TSOP-48 Nand



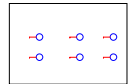
LGA-60 Nand



MAINCHIP_PAD_DDR3

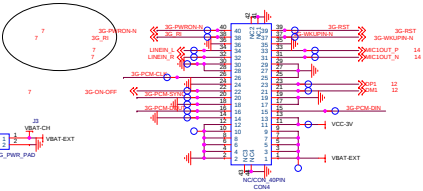
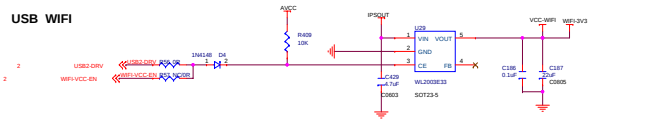
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NAND Flash			
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DEBUG



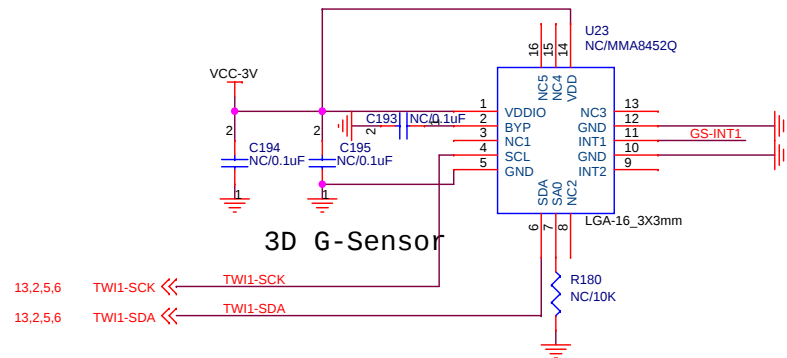
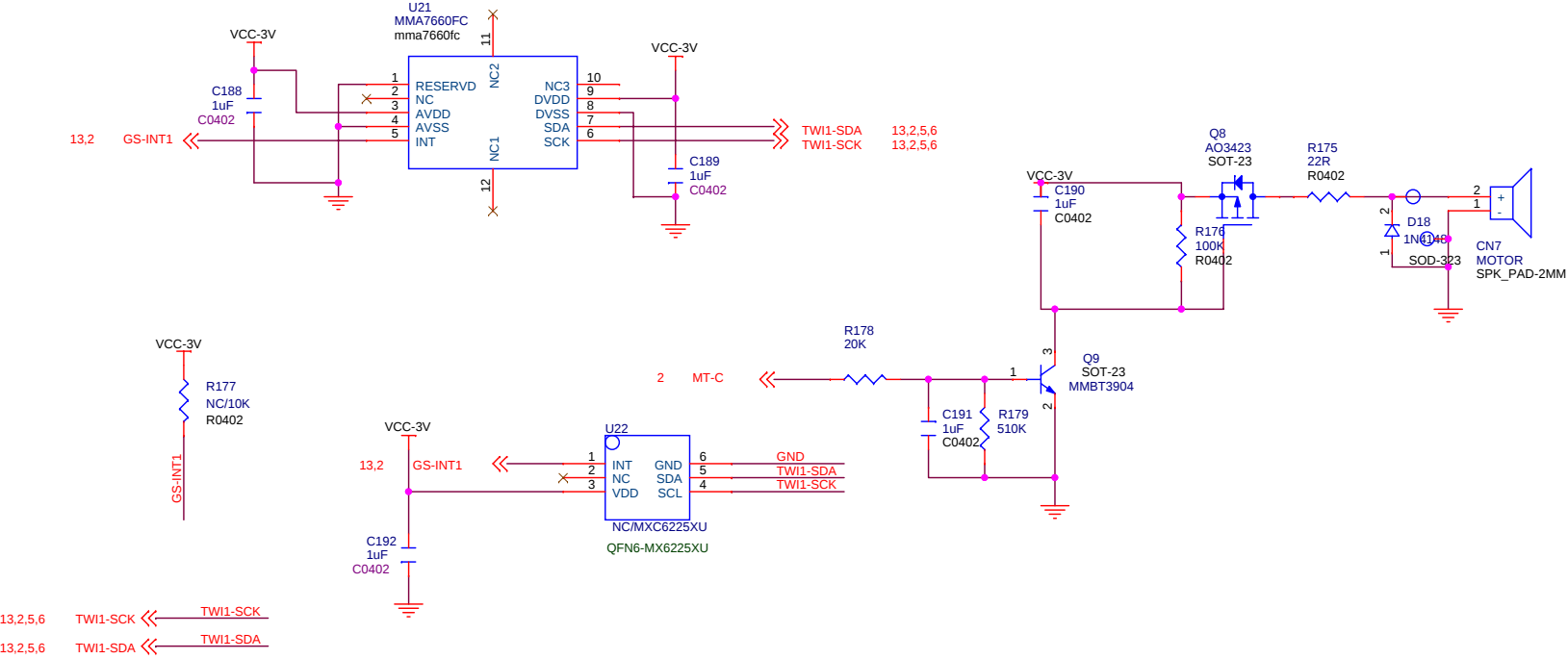
Differential pairs
Z0= 90 ohm

USB WIFI



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Rev	Document Number	Rev
Rev	Rev	Rev
Rev	Rev	Rev

G-SENSOR



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