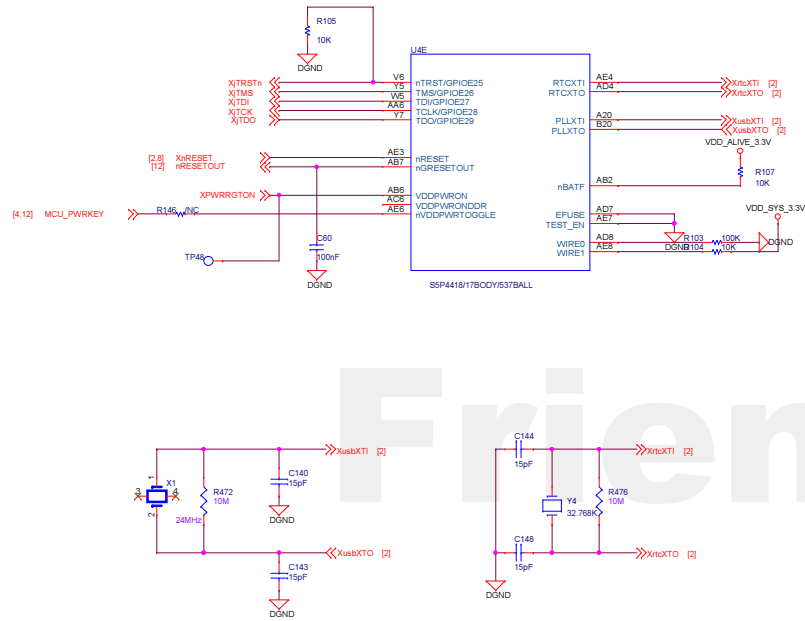


NanoPi 2
1507

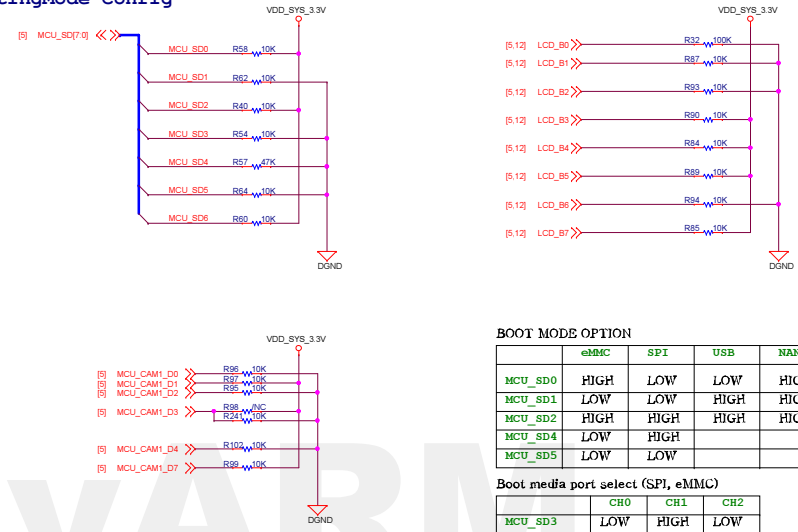
FriendlyARM

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JTAG, Power Control, Clock Pins



BootingMode Config



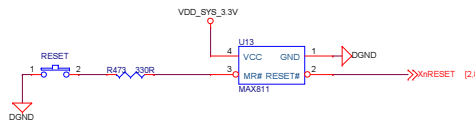
BOOT MODE OPTION

	eMMC	SPI	USB	NAND
MCU_SD0	HIGH	LOW	LOW	HIGH
MCU_SD1	LOW	LOW	HIGH	HIGH
MCU_SD2	HIGH	HIGH	HIGH	HIGH
MCU_SD4	LOW	HIGH	HIGH	
MCU_SD5	LOW	LOW		

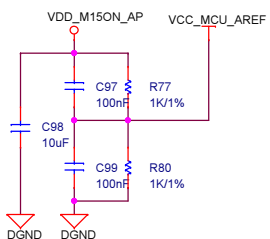
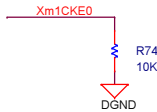
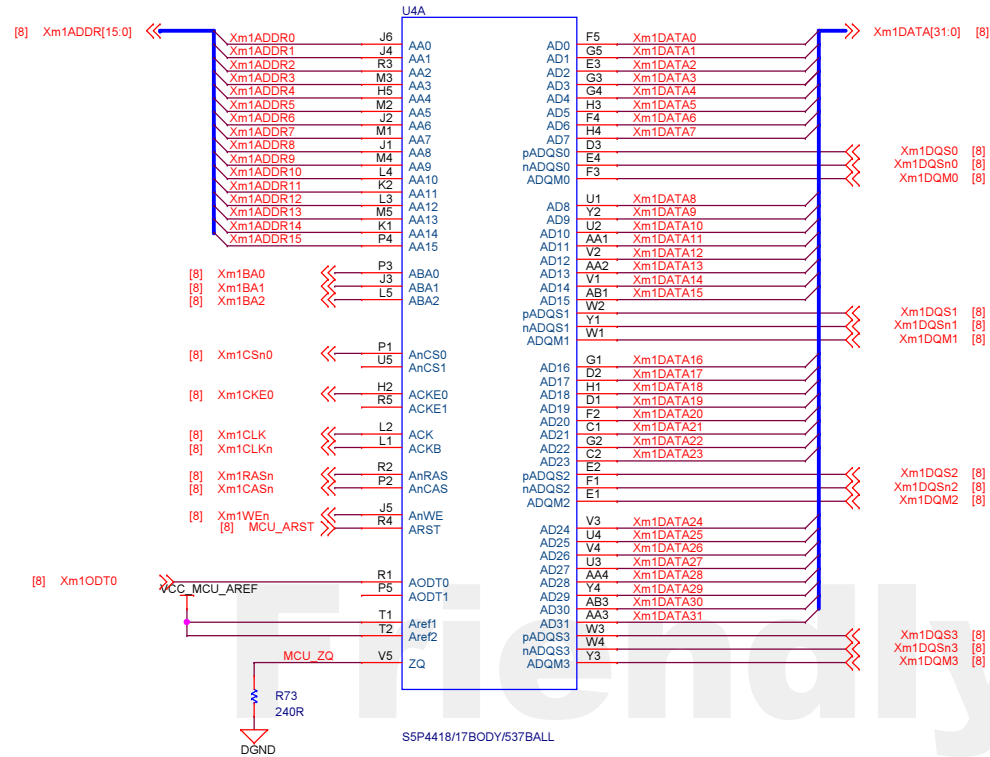
Boot media port select (SPI, eMMC)

	CH0	CH1	CH2
MCU_SD3	LOW	HIGH	LOW
MCU_CAM1_D3	LOW	LOW	HIGH

Reset

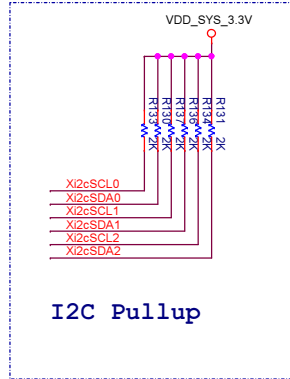


S5P4418 - DDR3



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S5P4418 - GPIO



UART

I2C

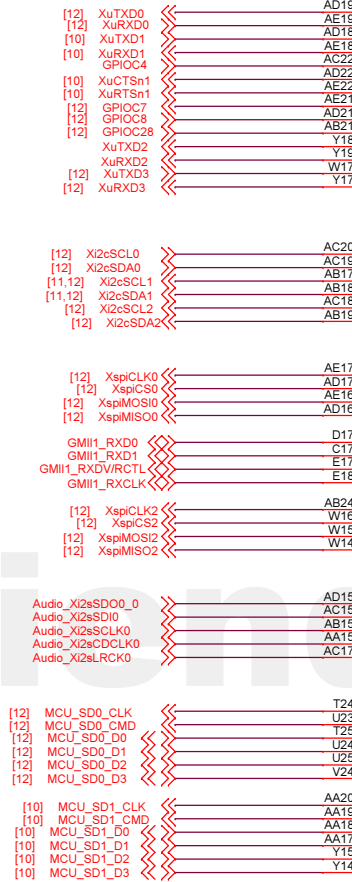
SPI/GMAC

AC97/IIS

SD0/Boot

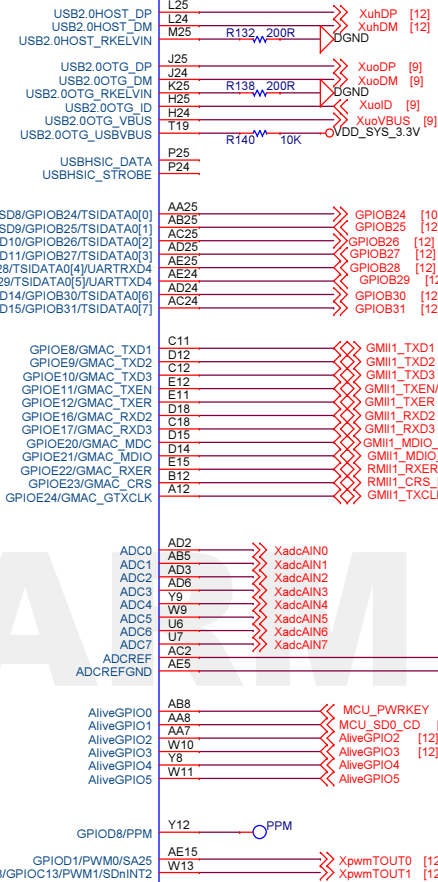
SD1

U4D



S5P4418/177BODY/537BALL

R132, R138 is as close as possible to the MCU



USB

SD\MPEG_TS\GPIO

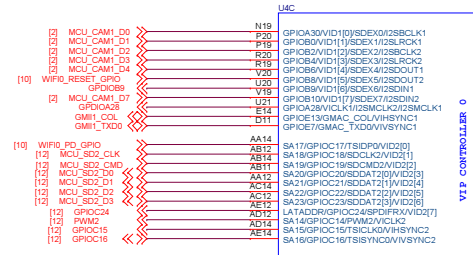
GMAC

ALIVE GPIO

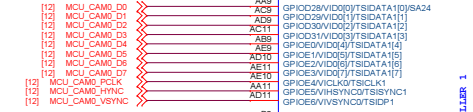
PWM

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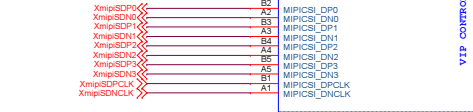
CAMERA IIS1, IIS2



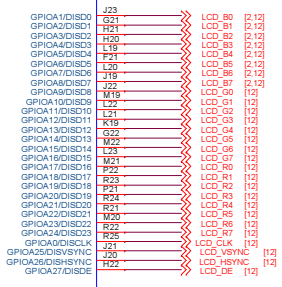
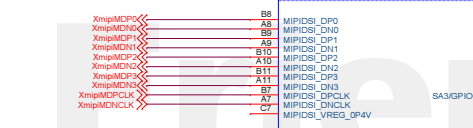
CAMERA\TSI



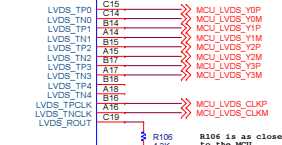
MIPI SLAVE



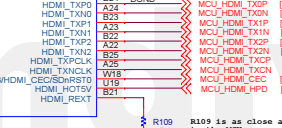
MIPI HOST



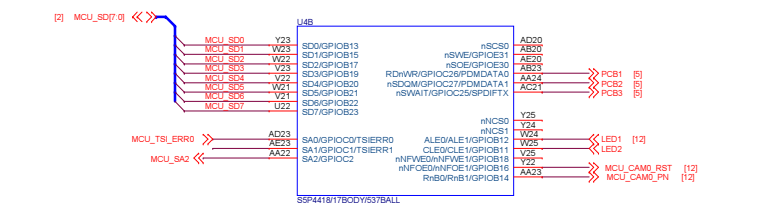
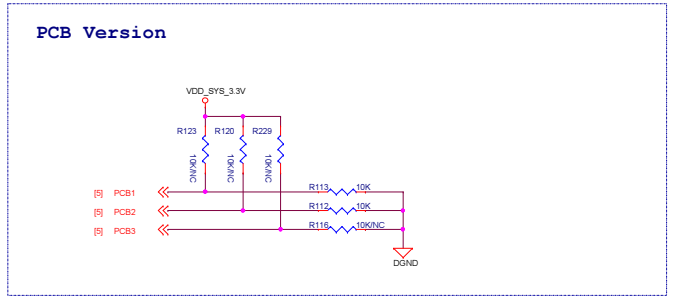
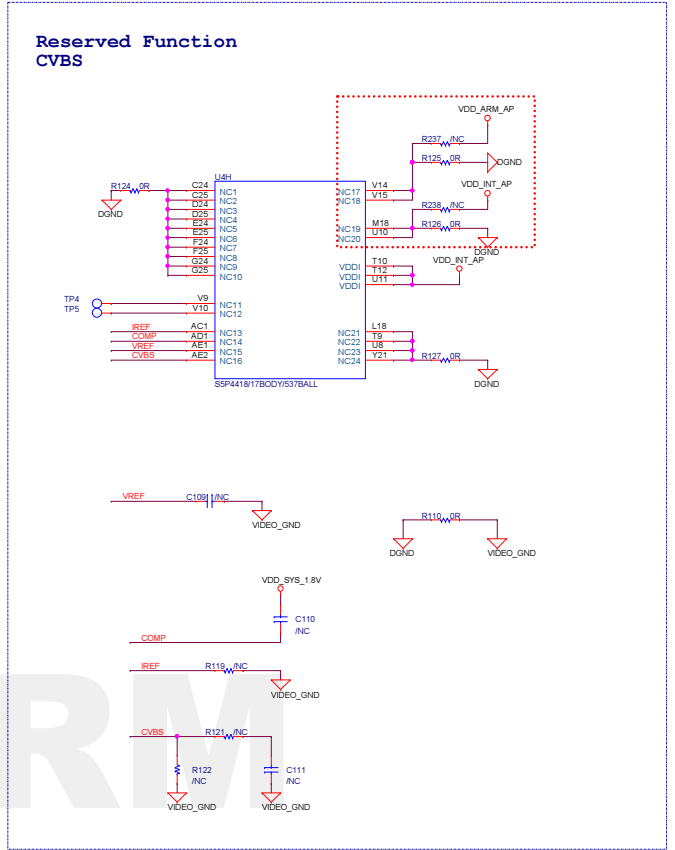
RGB LCD



LVDS

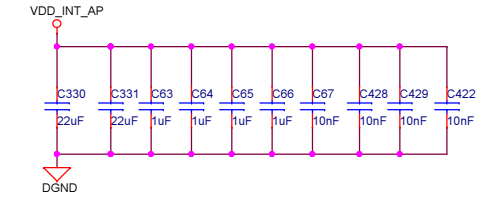
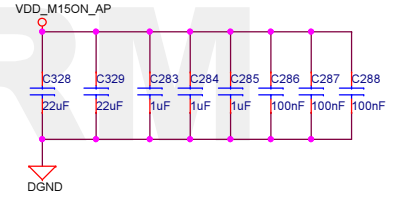
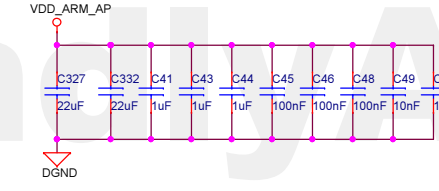
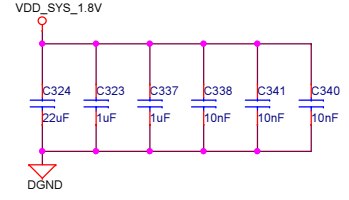
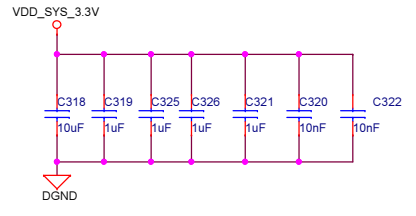
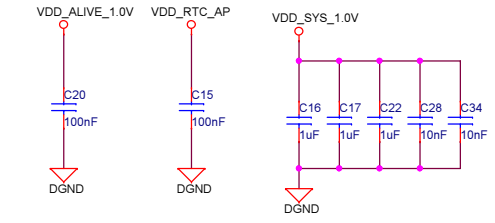
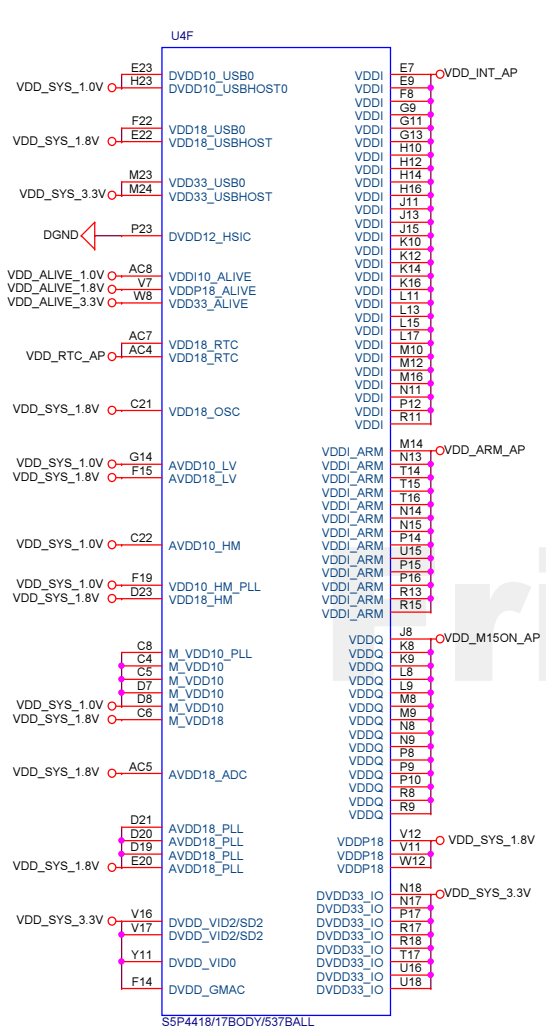


HDMI



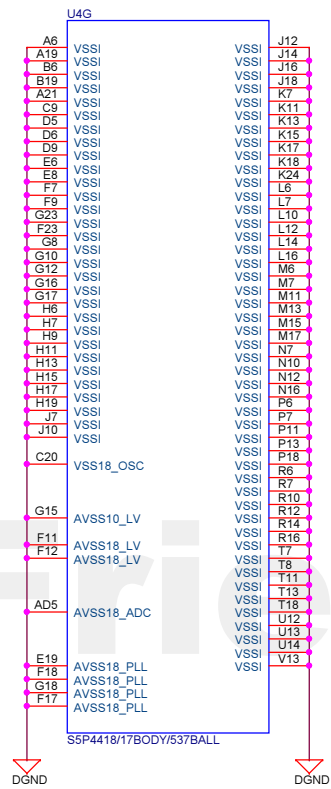
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S5P4418-Power

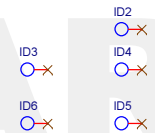


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S5P4418-VSS

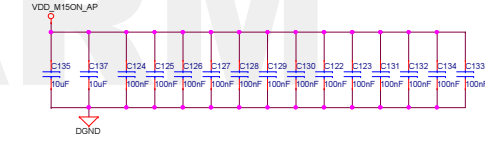
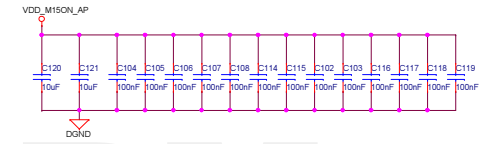
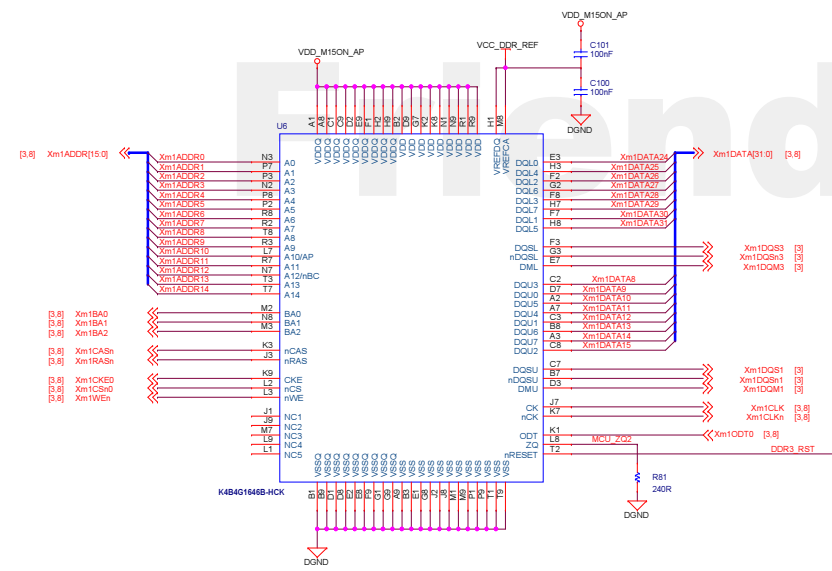
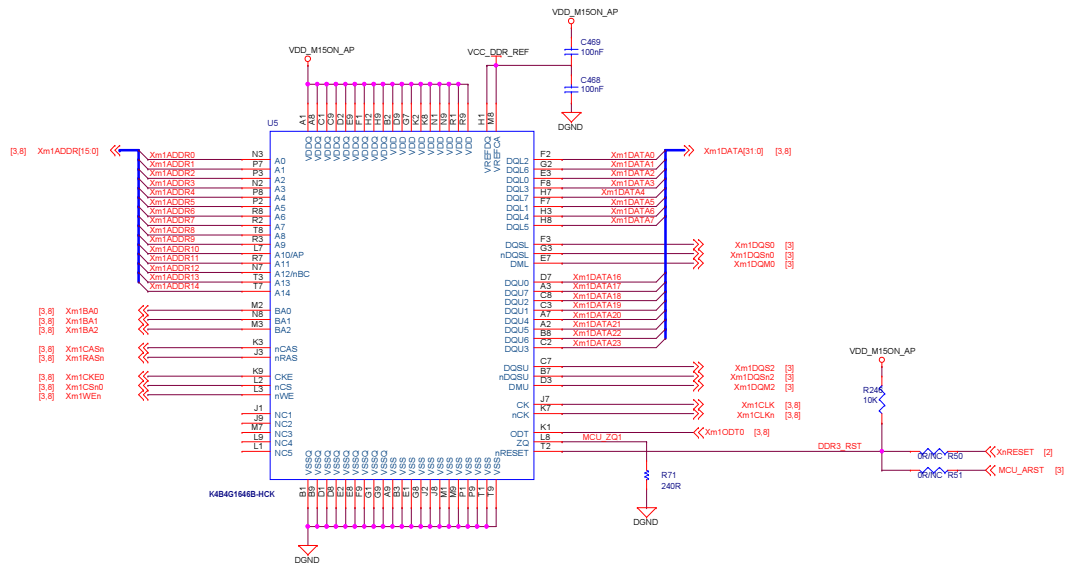


PCB Mark



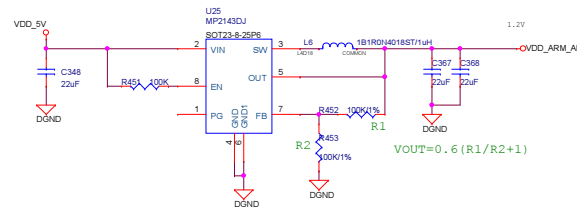
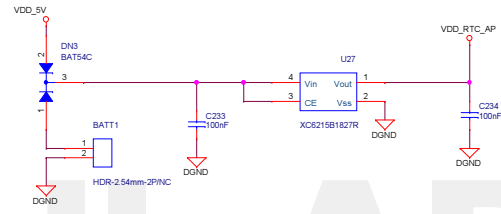
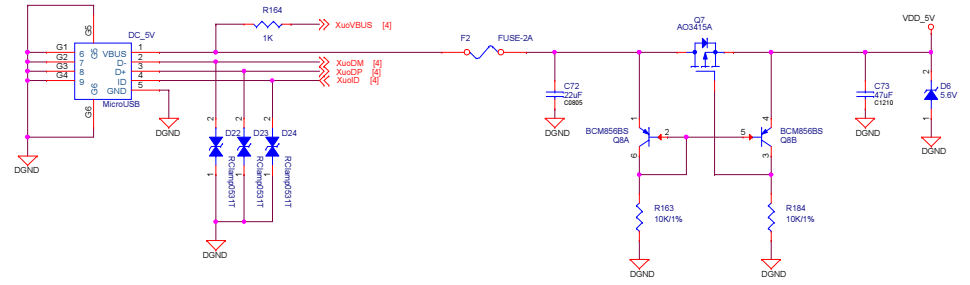
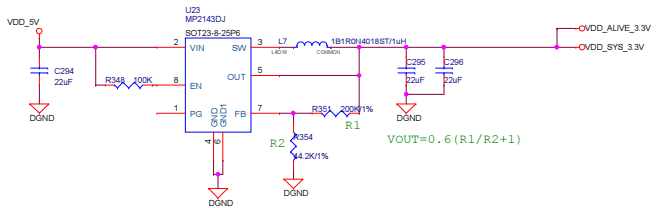
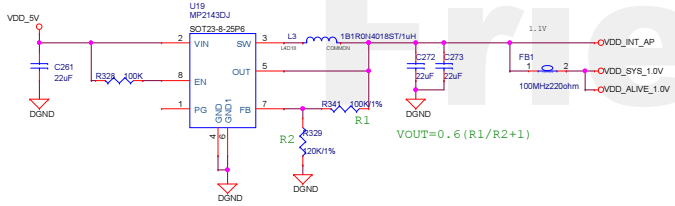
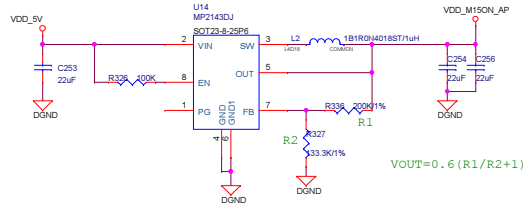
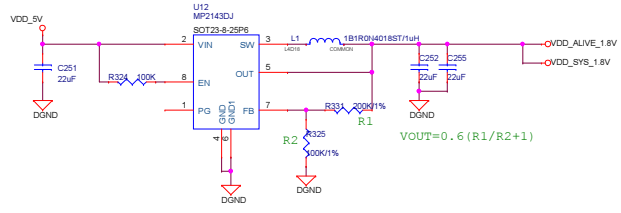
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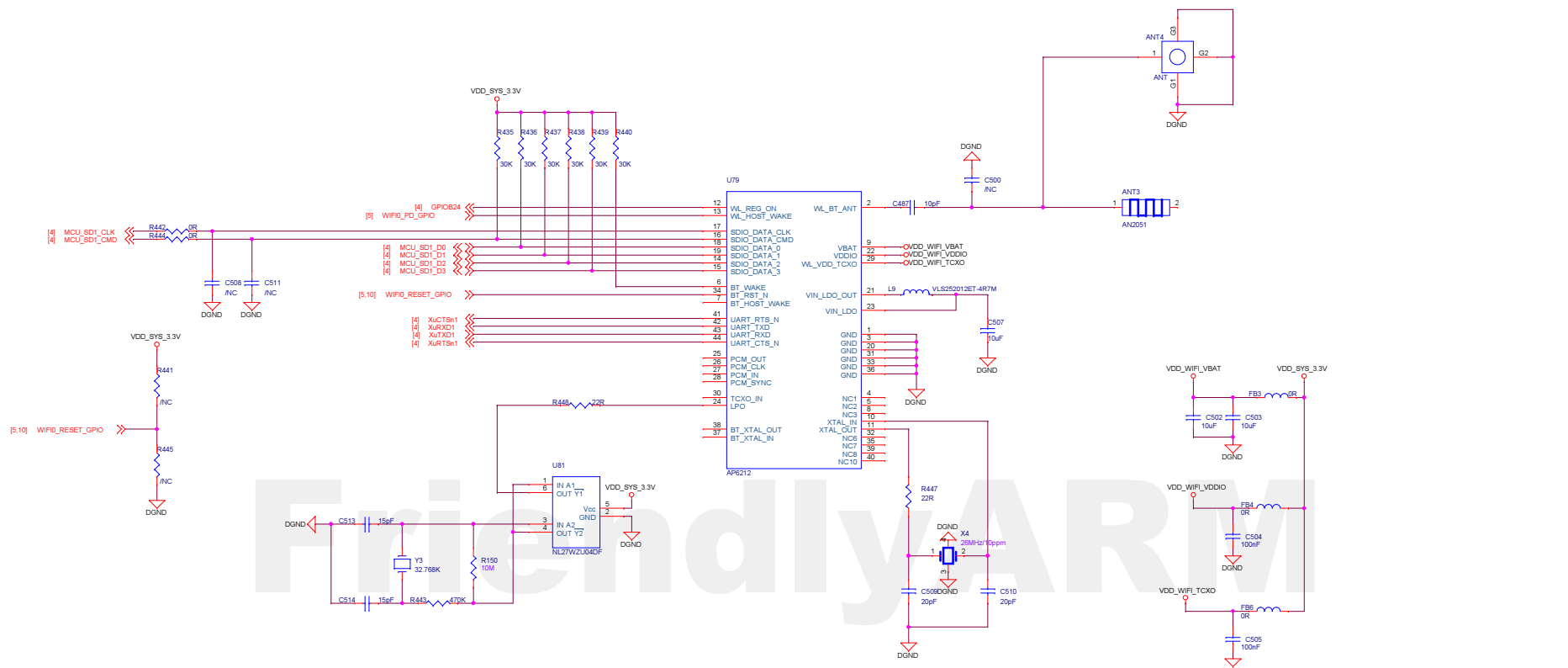
Memory-DDR3



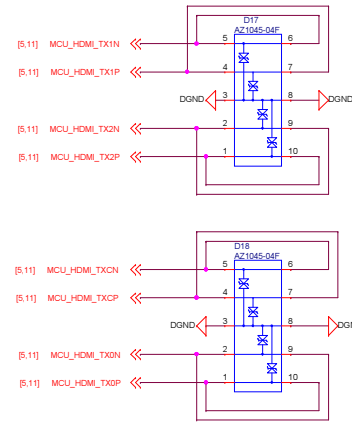
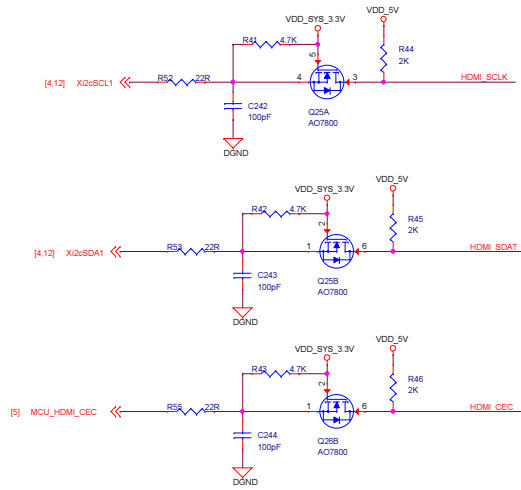
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System Power

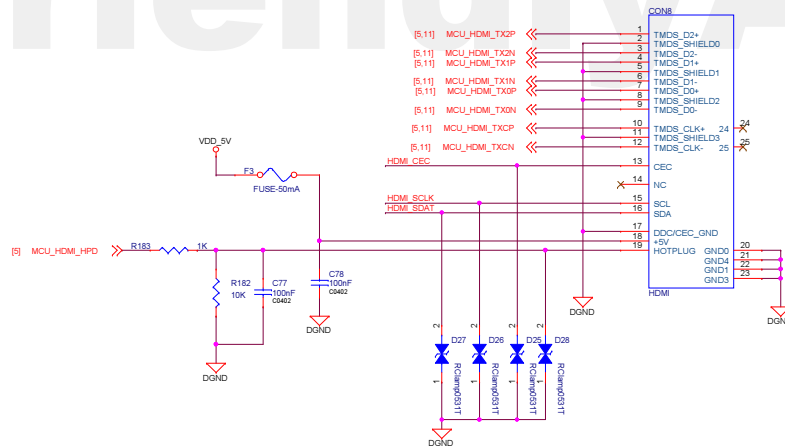




HDMI

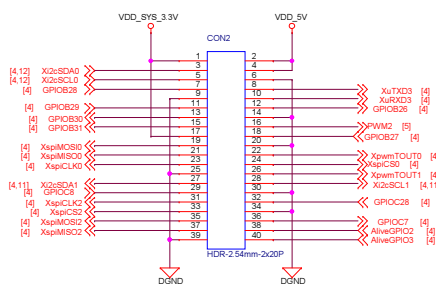


FriendlyARM

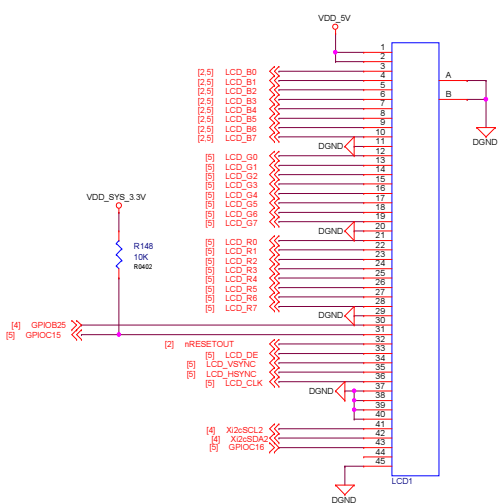


Board Connectors

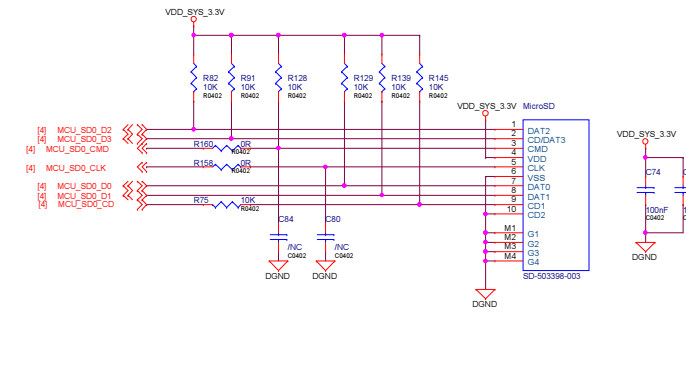
2x20 Pins 2.54mm Pitch Header



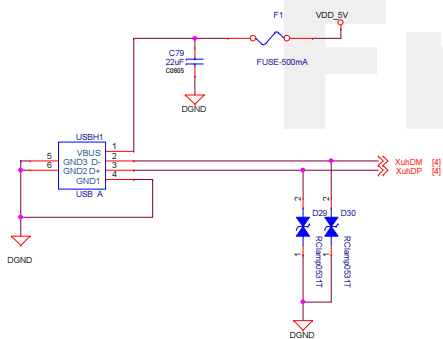
RGB LCD Interface, 0.5mm Pitch FPC



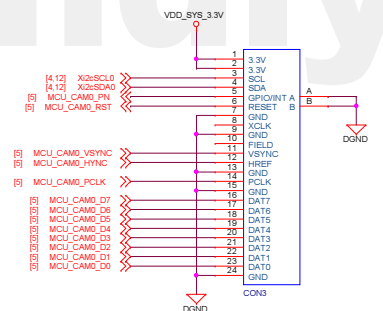
MicroSD Slot A, Bootable



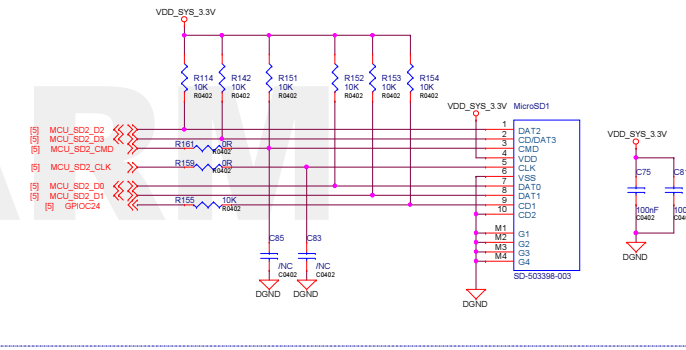
USB 2.0 Host, Type-A



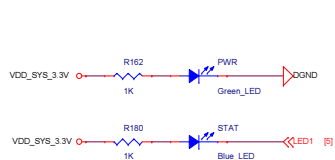
DVP Camera Interface, 0.5mm Pitch FPC



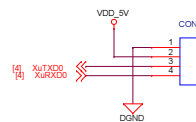
MicroSD Slot B



Power LED, User LED



Debug UART



User Button

