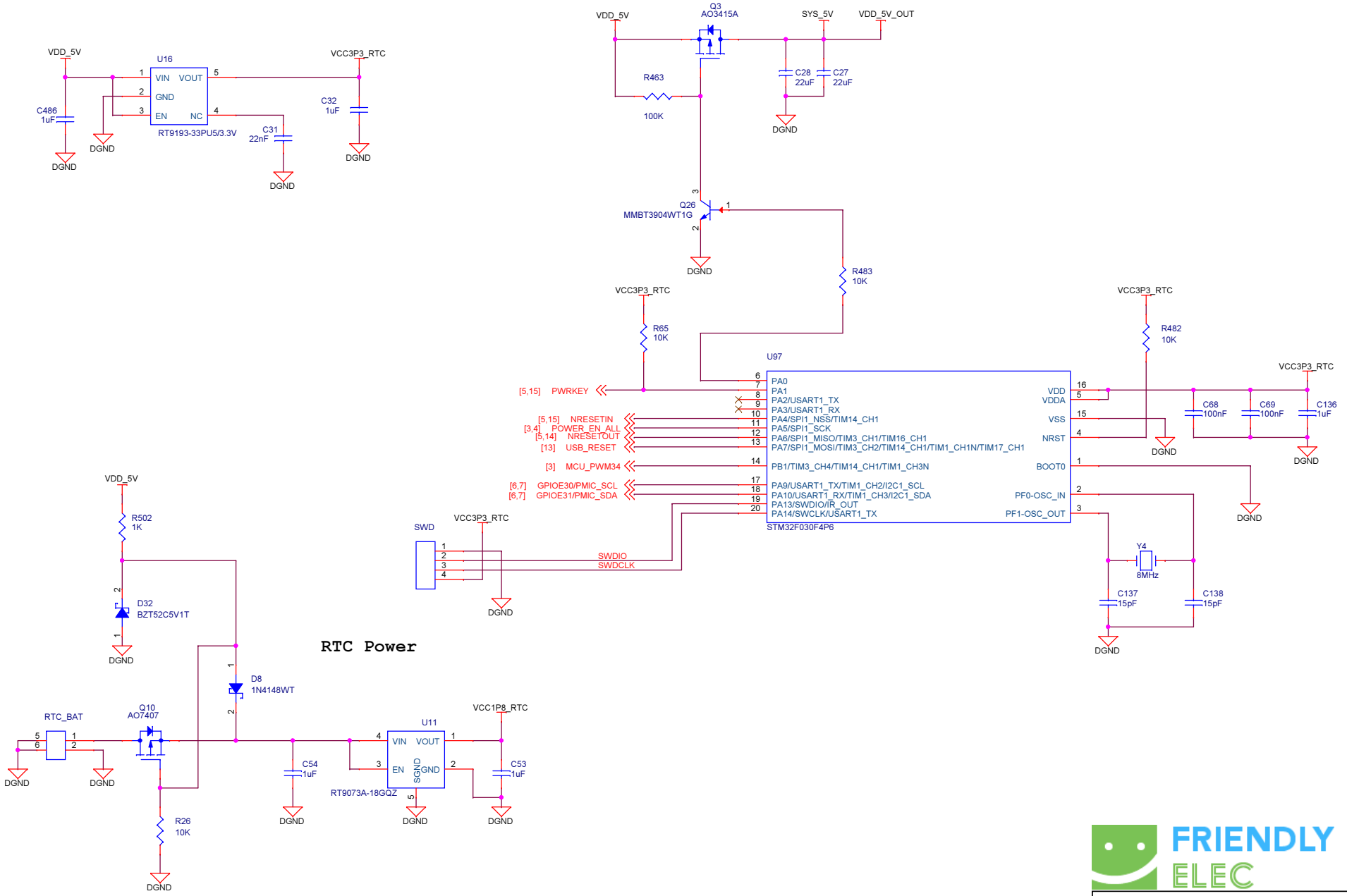


# NanoPi M2A/M3

**FRIENDLYARM**

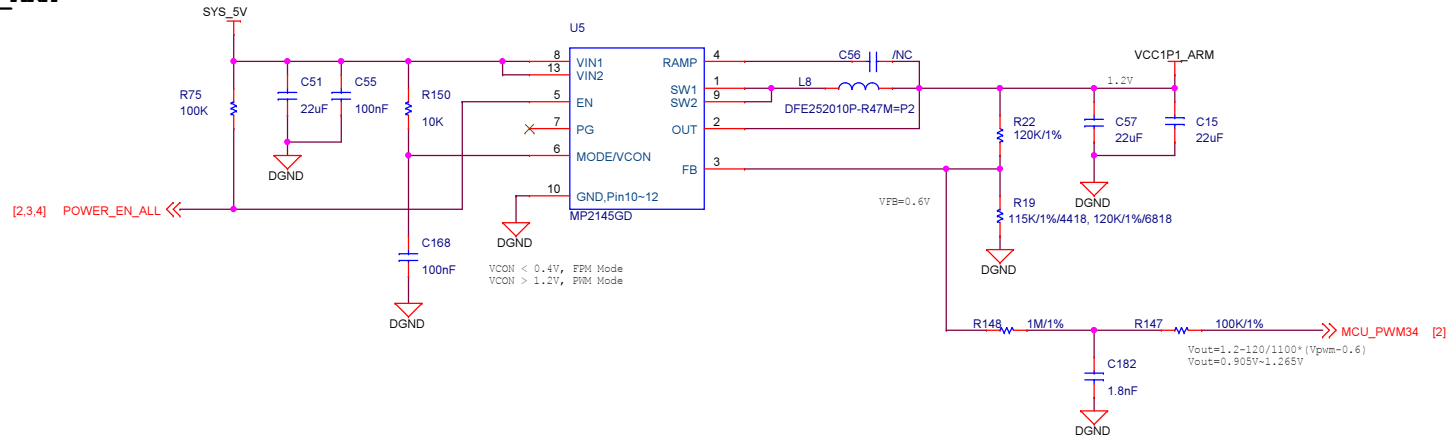
NanoPi M2A/M3		
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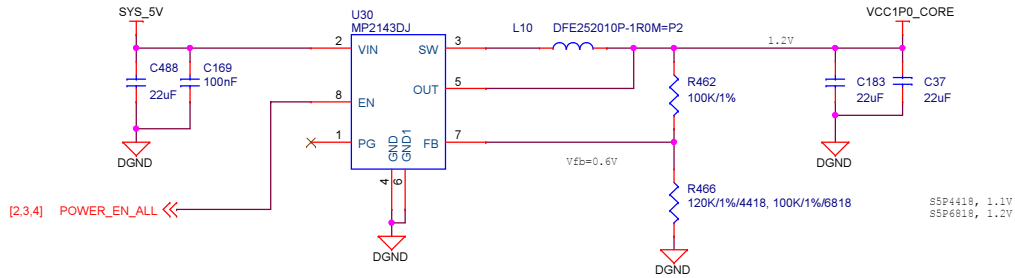
**RTC Power**

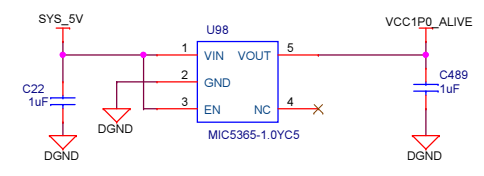
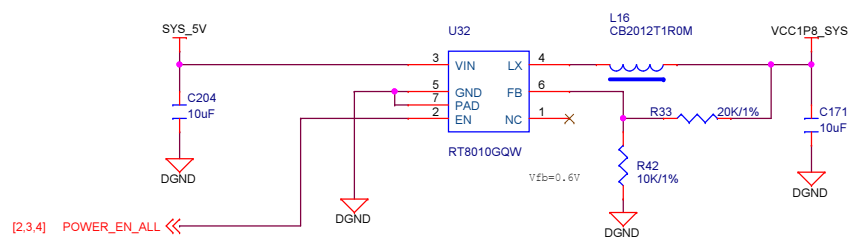
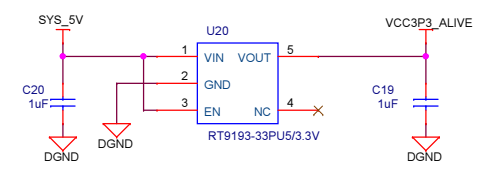
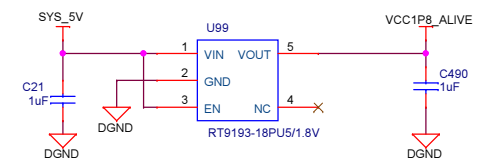
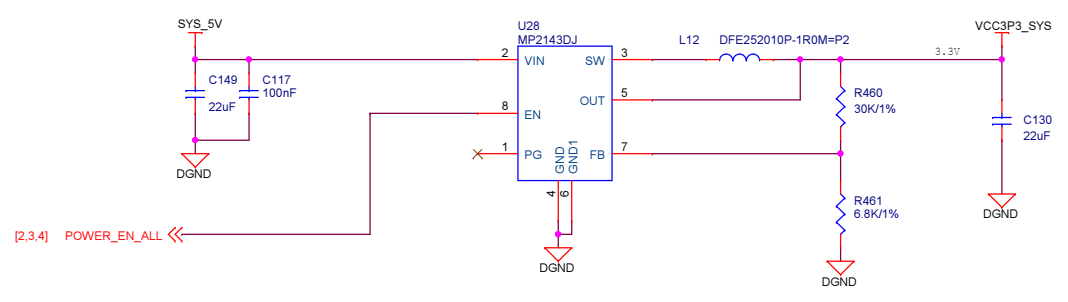
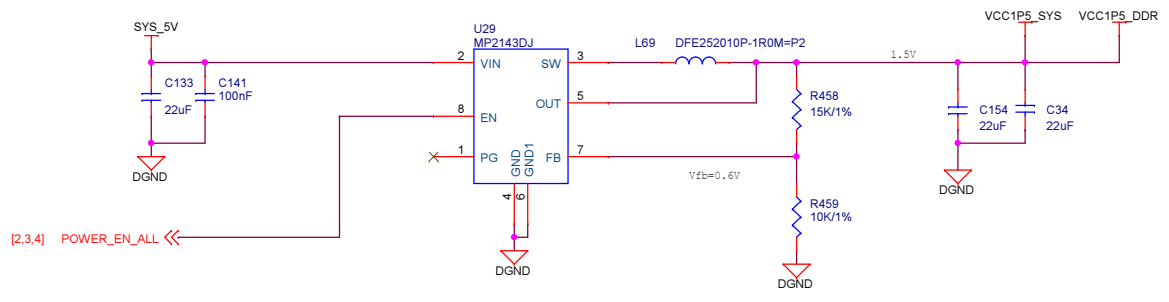


VDD\_ARM



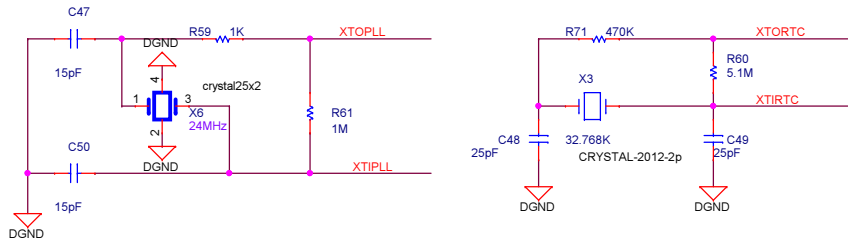
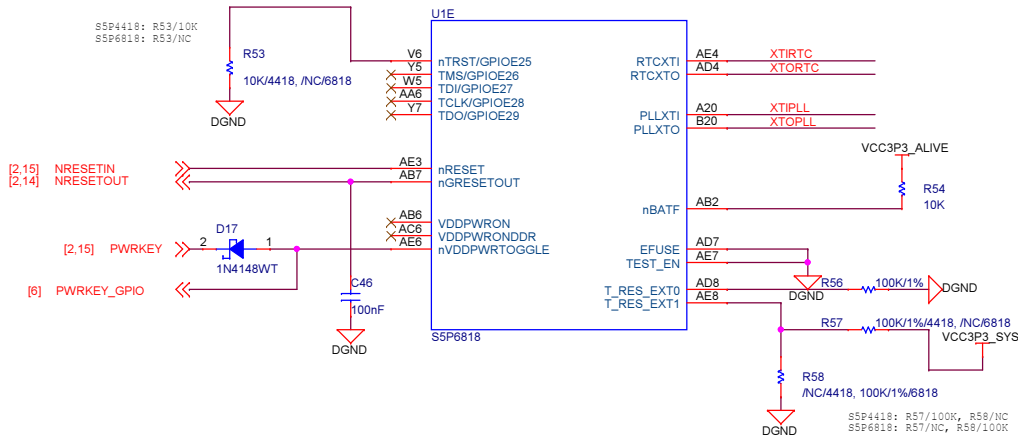
VDD\_CORE



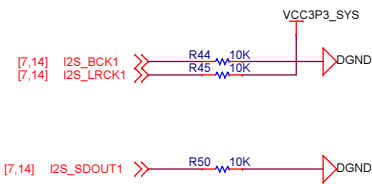
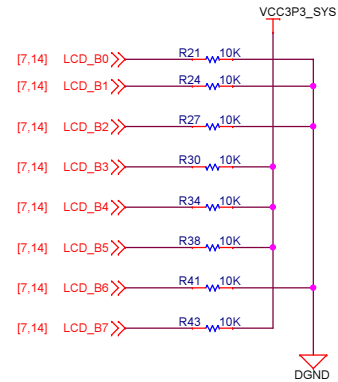


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# System Reset, Clocks



# Boot Mode Config



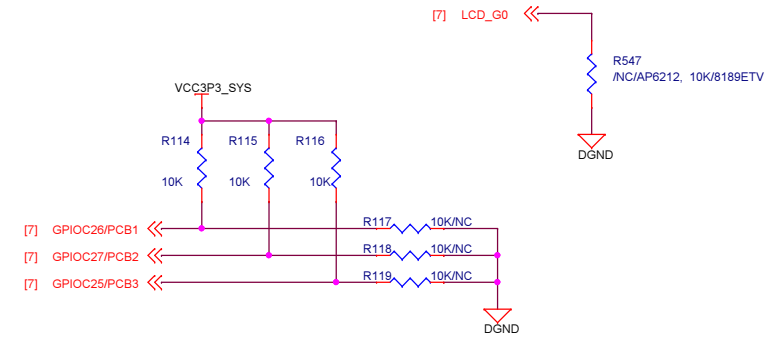
## BOOT MODE OPTION

	eMMC	SPI	USB	NAND
SD0	HIGH	LOW	LOW	HIGH
SD1	LOW	LOW	HIGH	HIGH
SD2	HIGH	HIGH	HIGH	HIGH
SD4	LOW	HIGH		
SD5	LOW	LOW		

## Boot media port select (SPI, eMMC)

	CH0	CH1	CH2
SD3	LOW	HIGH	LOW
CAM1_D3	LOW	LOW	HIGH

# PCB Version



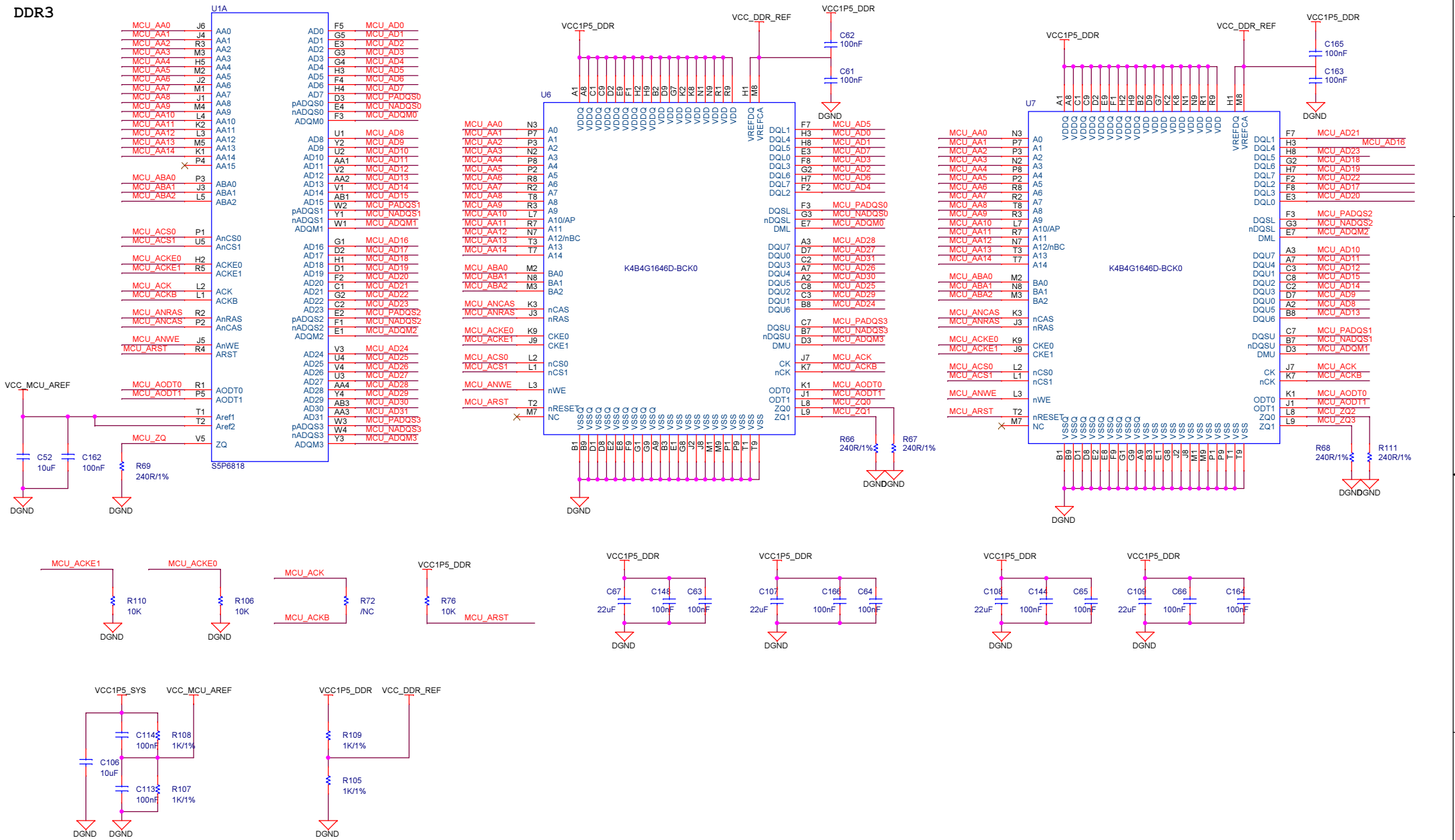




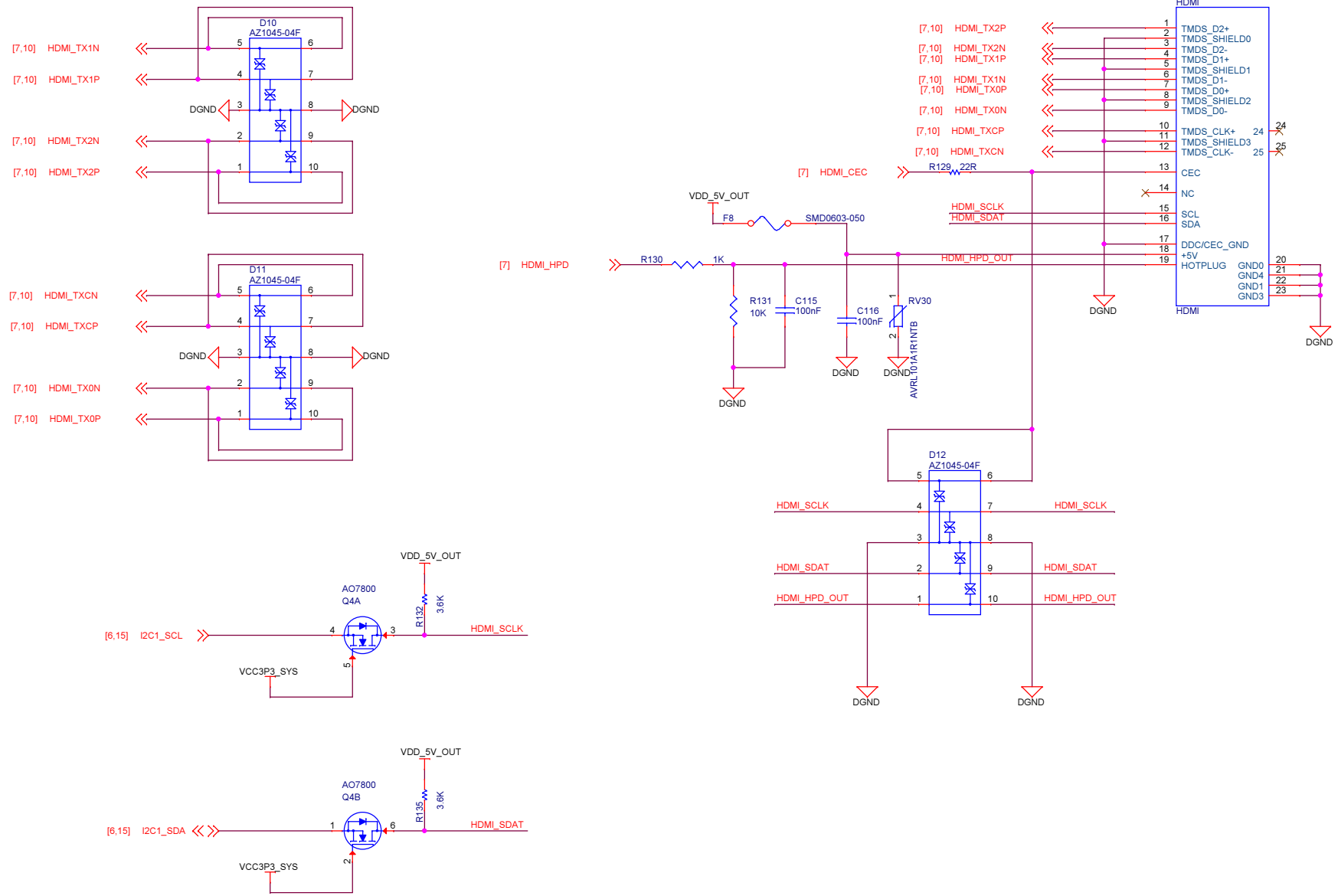




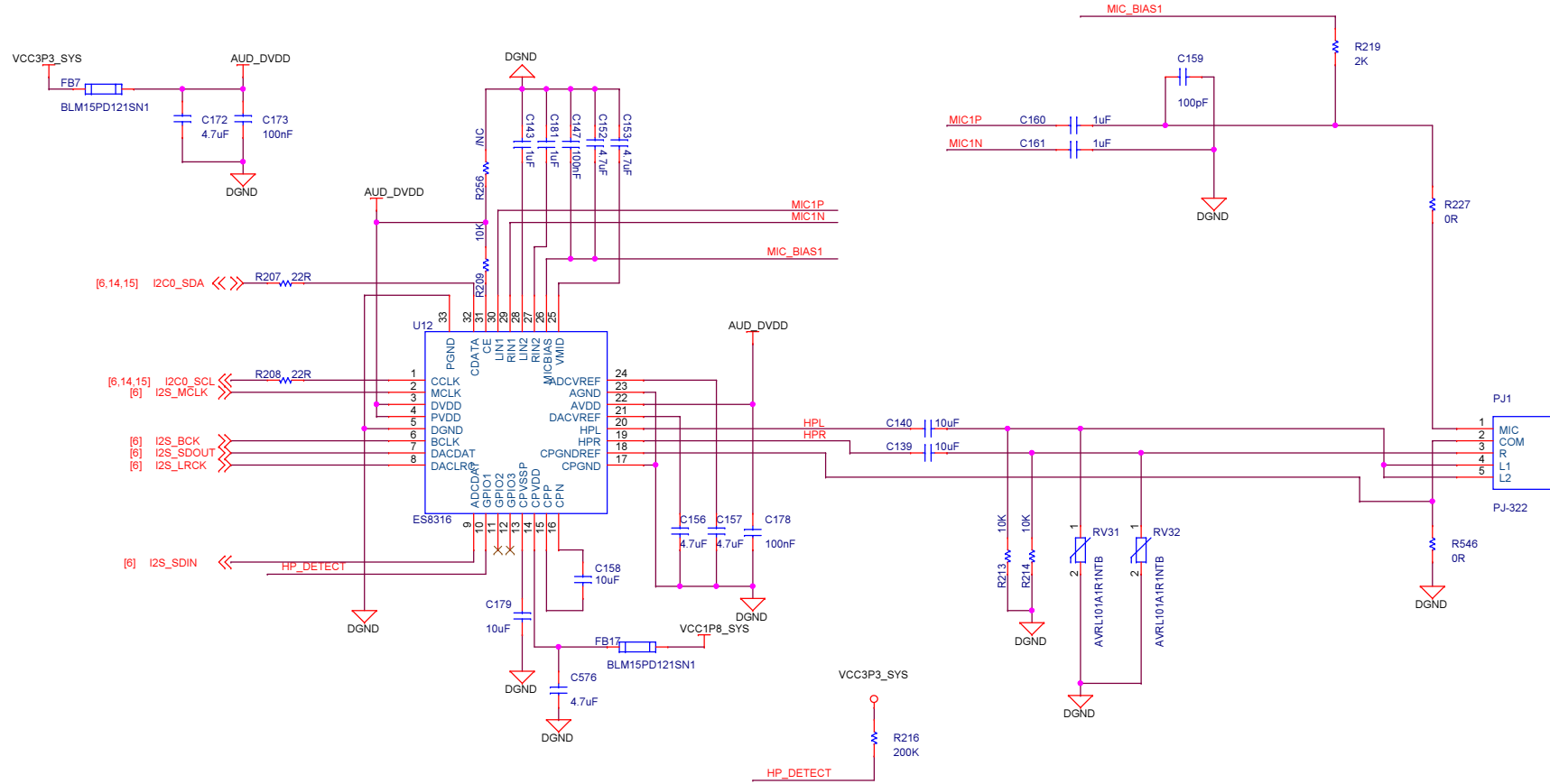
DDR3



# HDMI



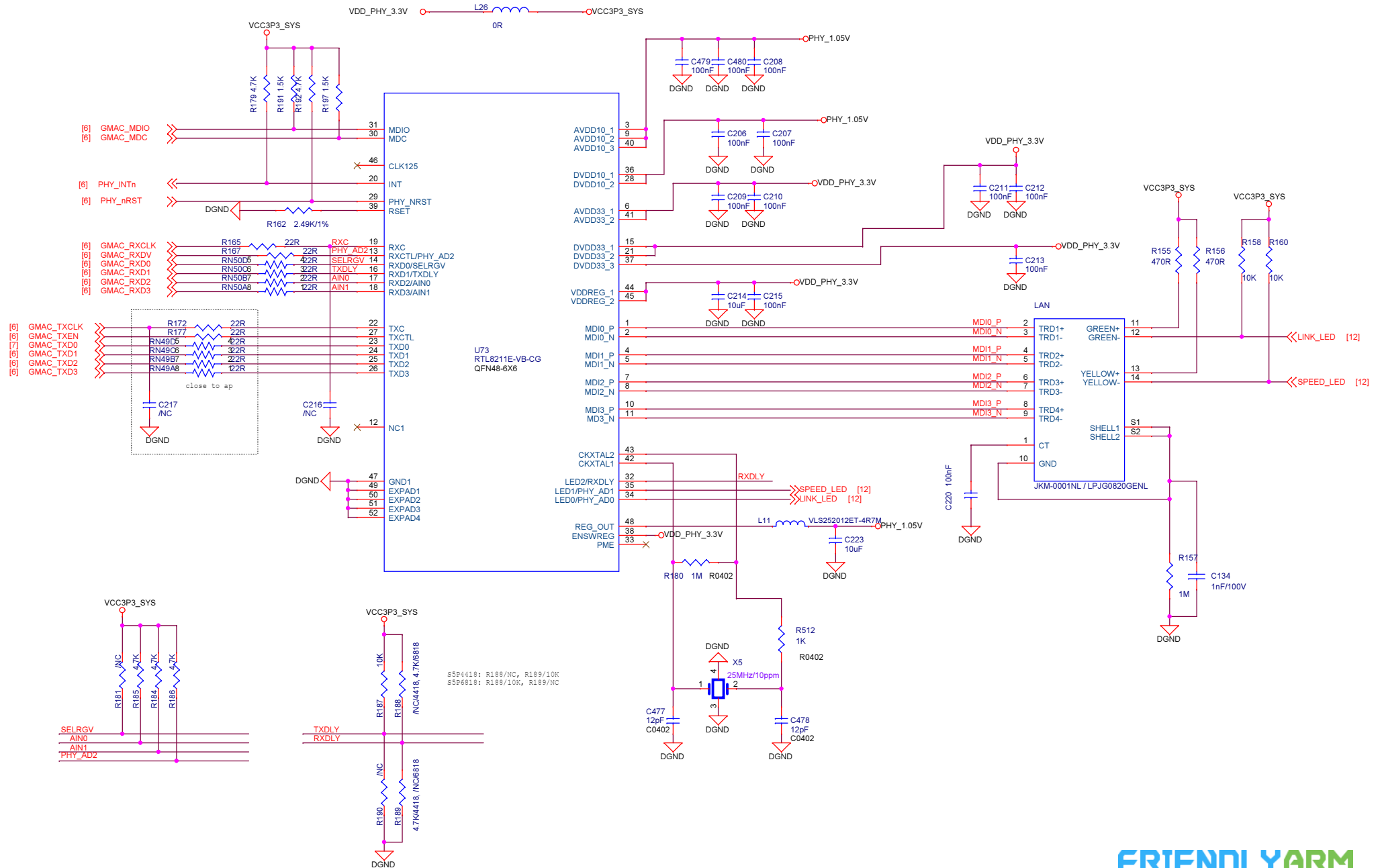
# Audio



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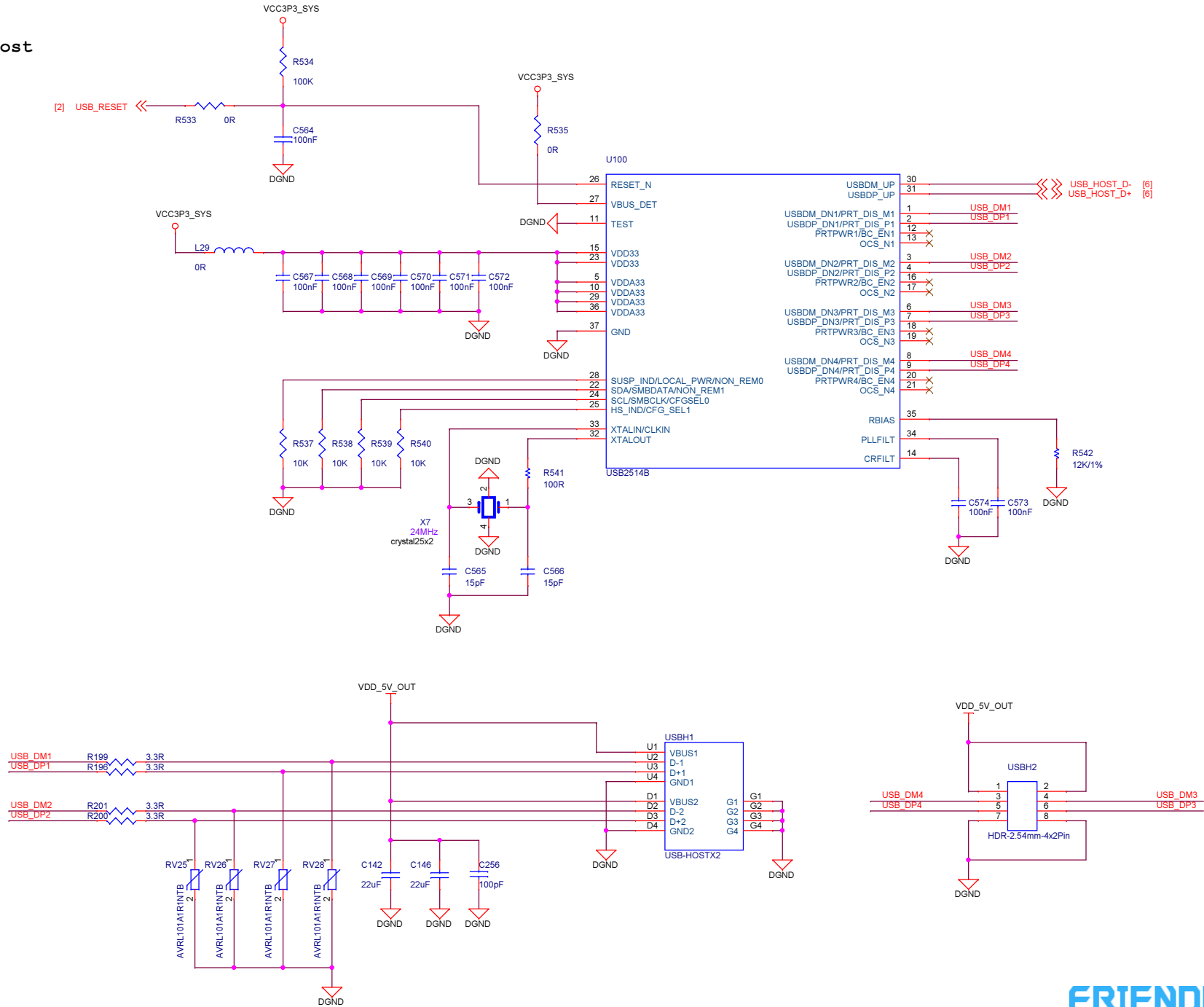
# 10/100/1000M Ethernet



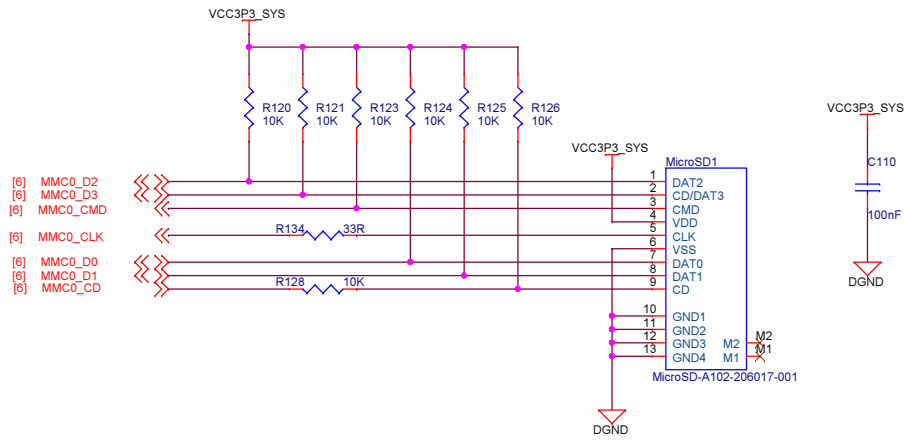
**FRIENDLYARM**

NanoPi M2/M3		
Size	Document Number	Rev
A3	14.LAN	1712
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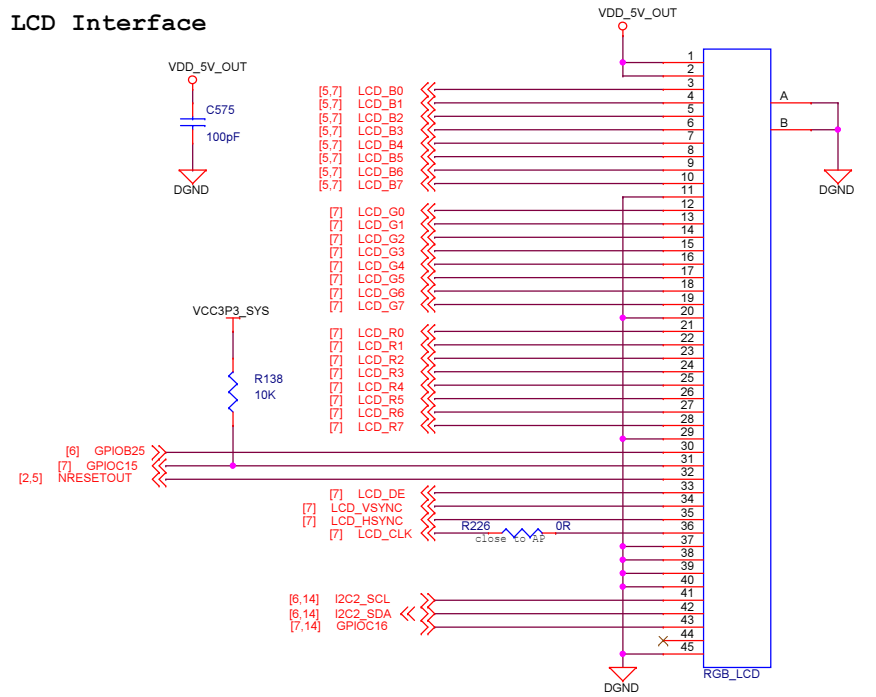
# USB 2.0 Host



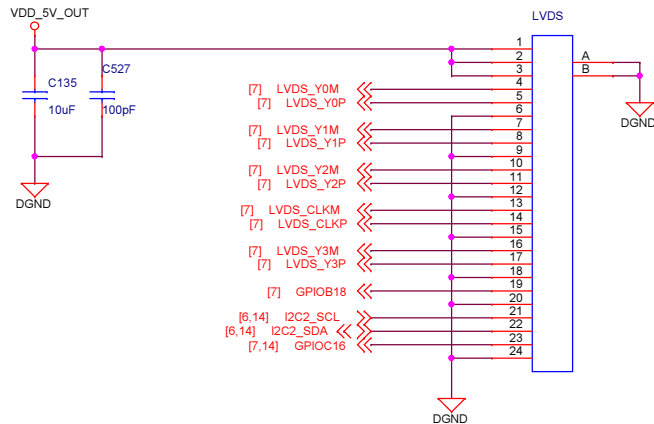
### SDCARD



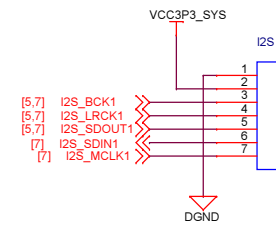
### RGB LCD Interface



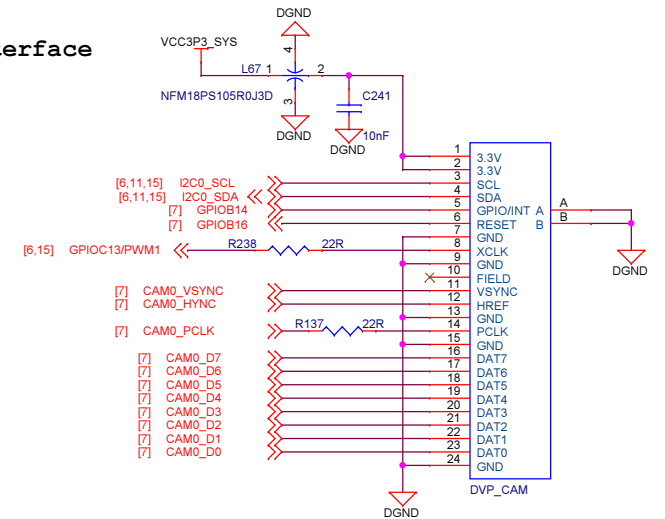
### LVDS



### I2S Interface



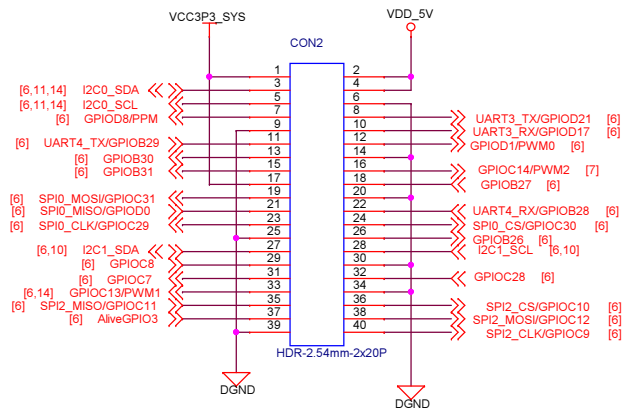
### Camera Interface



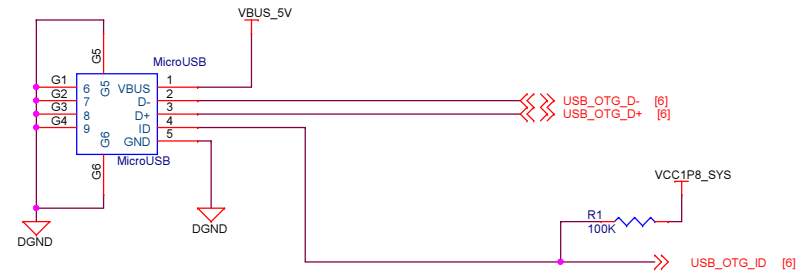
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A3	10.MicroSD, RGB-LCD&Camera	1712
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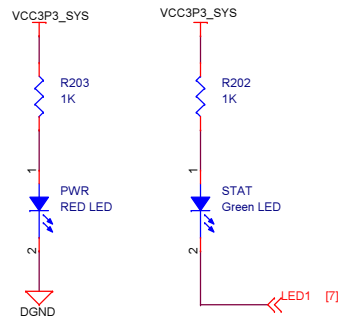
## 2.54mm Header



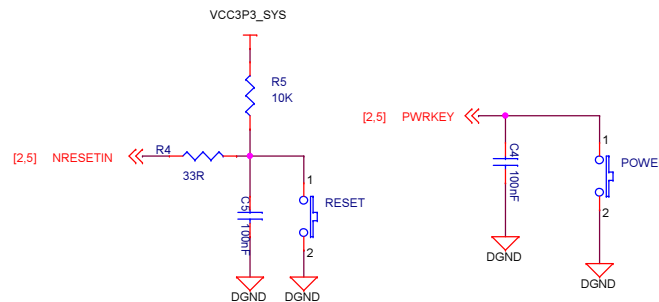
## MicroUSB



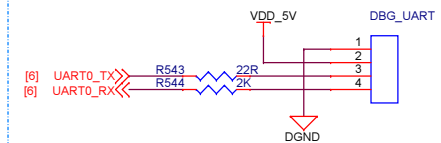
## LEDs



## Buttons



## Debug UART



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# Wi-Fi/Bluetooth

