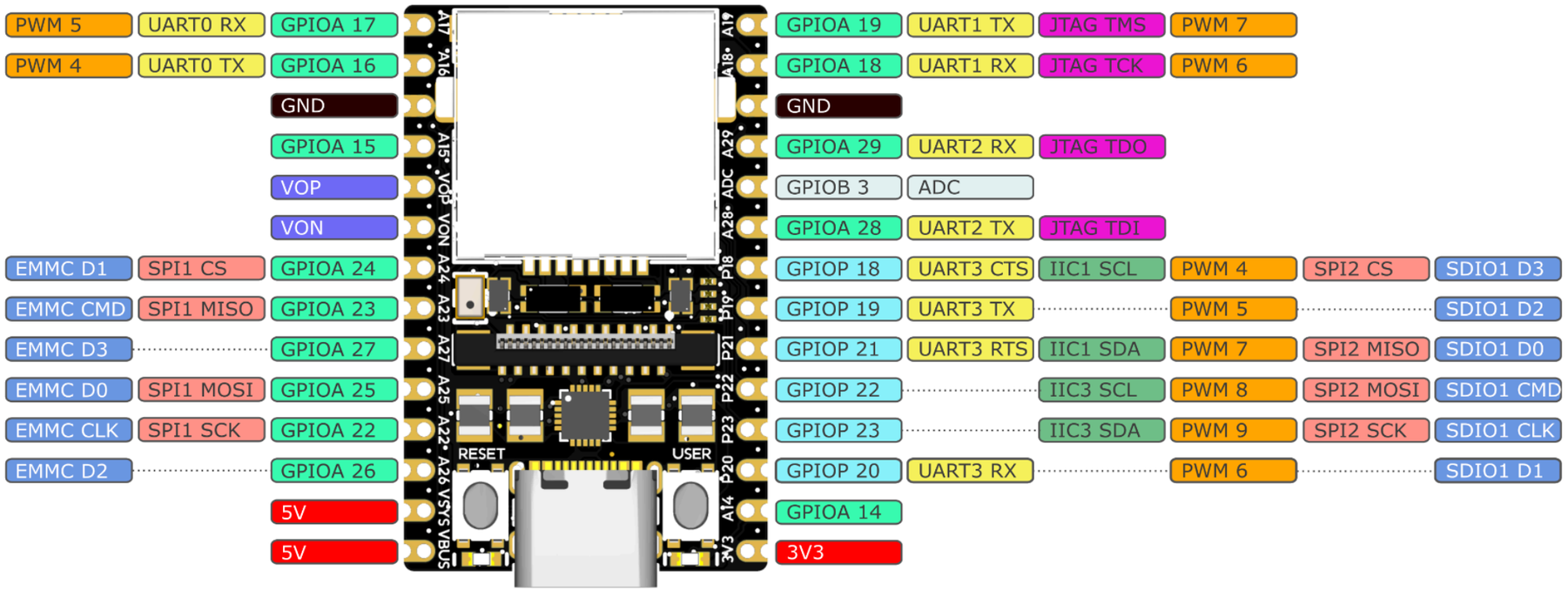
LicheeRV Nano 70415 Pin Definition



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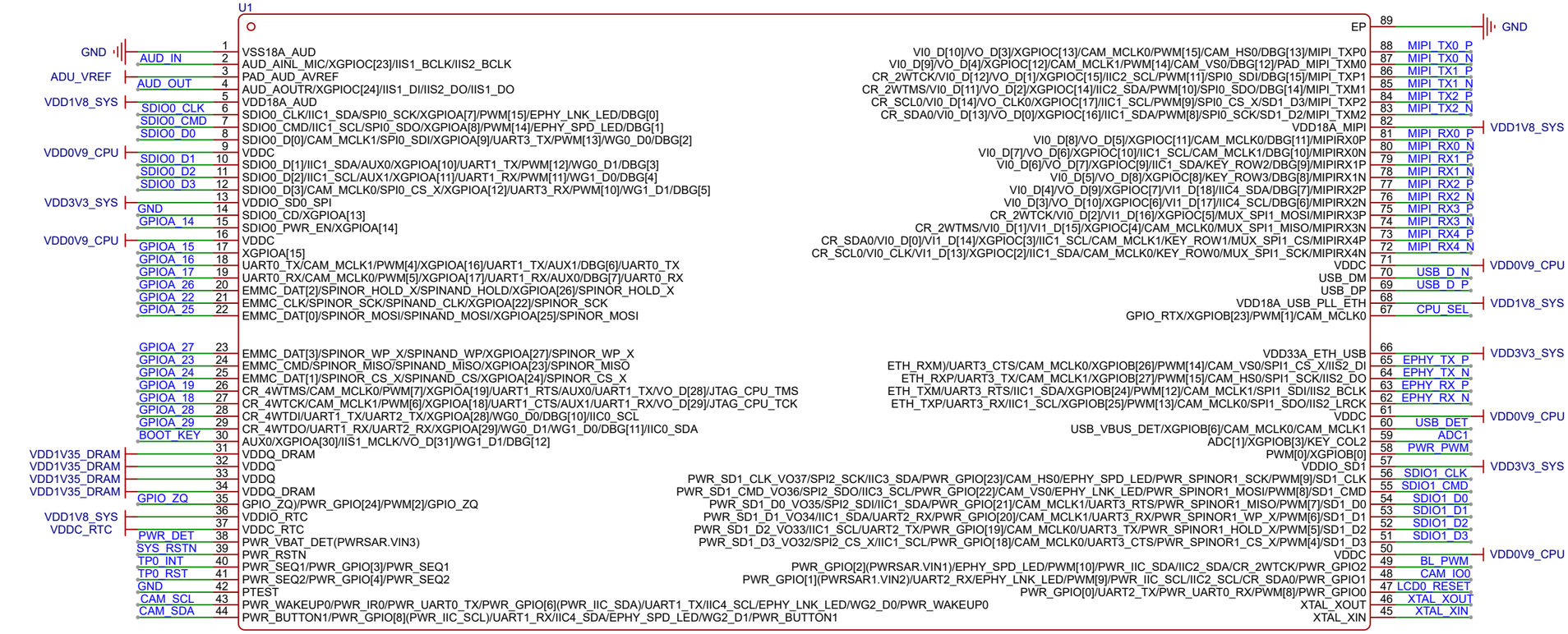

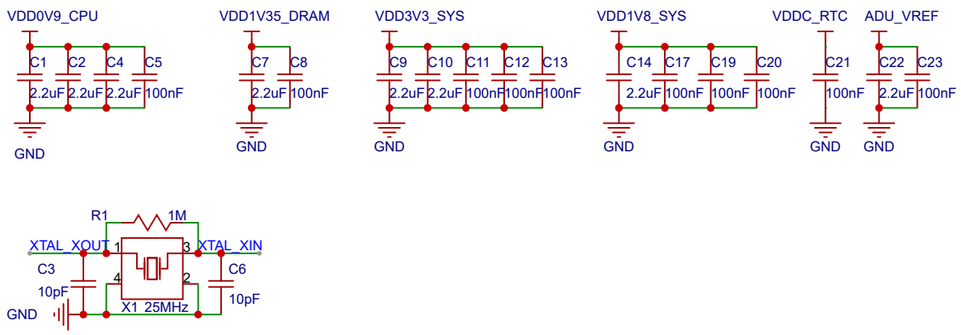

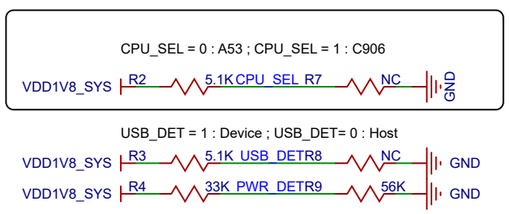

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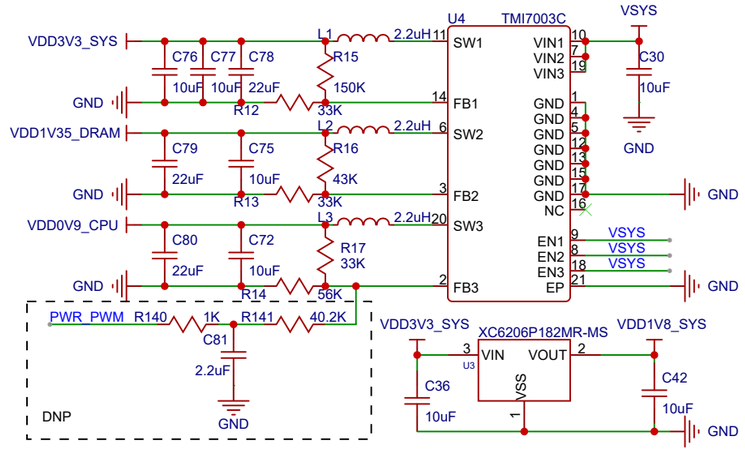
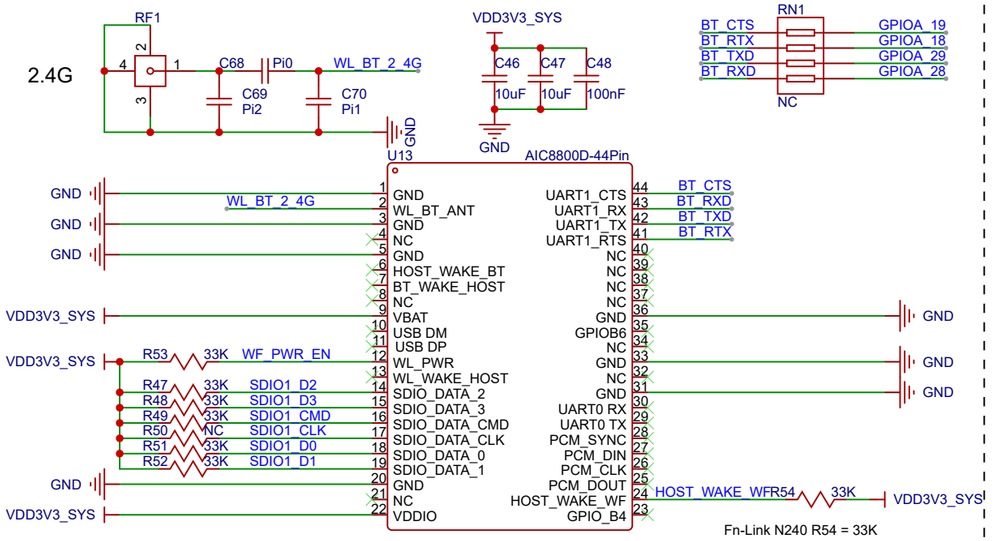
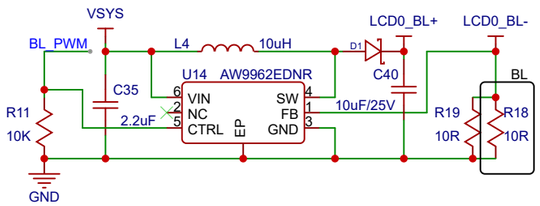
3CH DCDC + LDO



Wi-Fi & BT



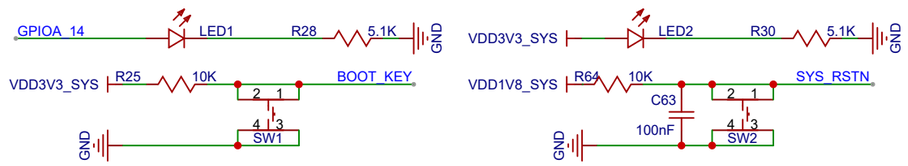
Backlight LED Driver



R = 200mV/20mA/N = 10Ω/N

Backlight LED (N)	BL (R18)
1 Series	NC
2 Series	10Ω
4 Series	3.3Ω

PWR & User LED | BOOT & RESET KEY



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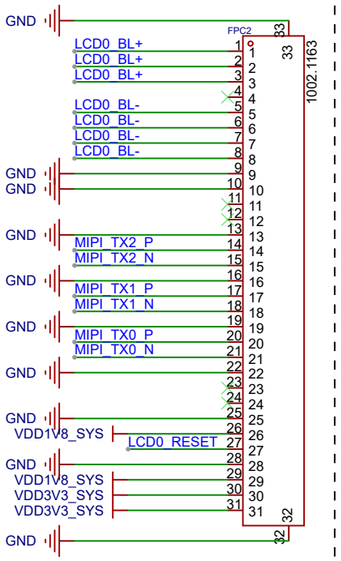
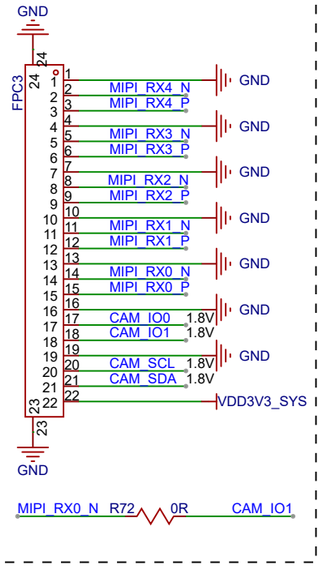
DSI Interface



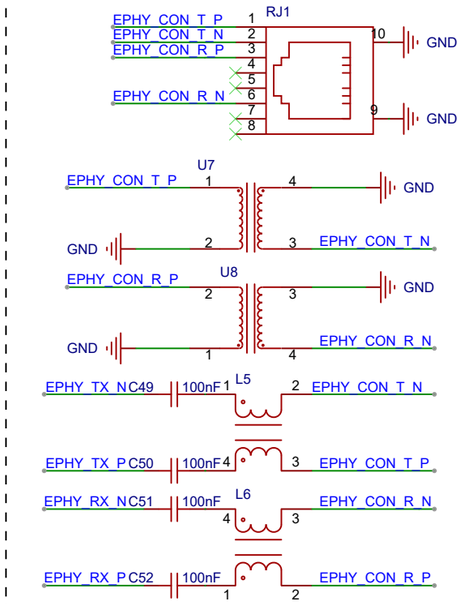
CSI Interface



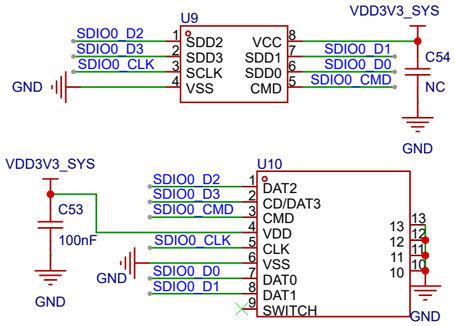
Camera configuration description

Camare + FPC	CAM_IO0	CAM_IO1
Sipeed GC4653 + 70416 FPC	RESET	MCLK(connect to MIPI 0N with R72 by default)
Sipeed OS04A10 + same direction FPC	RESET	NC
Raspberry Pi camera (level matching required)	Power EN	LED Indicator

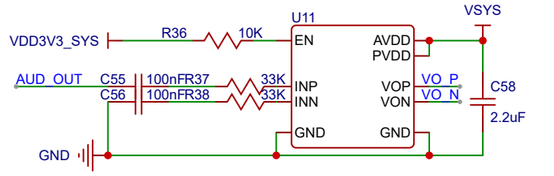
10/100M PHY



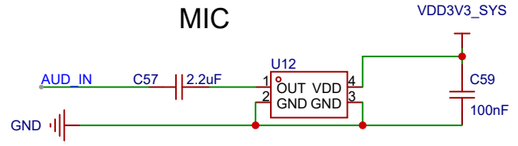
SD NAND (PU by SOC)



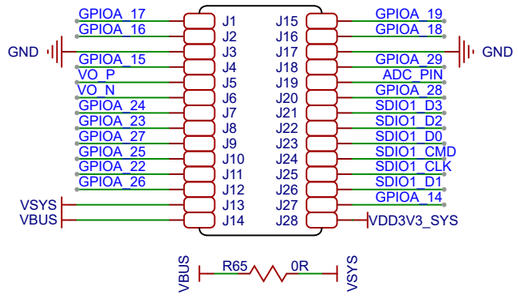
PA



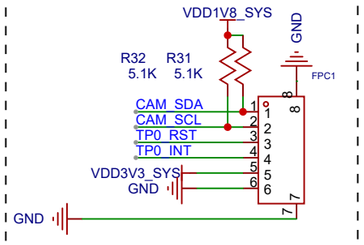
MIC



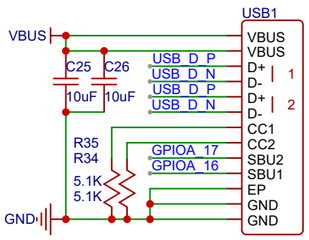
Pin



Touch Interface



USB TypeC



LicheRV Nano	Sipeed GC4653	Sipeed OS04A10	RPi 2lan Camera
MIPI RX 4		CSI D3	CSI D0
MIPI RX 3		CSI D1	CSI D1
MIPI RX 2	CSI CLK	CSI CLK	CSI CLK
MIPI RX 1	CSI D0	CSI D0	
MIPI RX 0	CSI D1	CSI D2	
IO0 (Connect R4N)	MCLK	RST	Power EN
IO1	RST	NC	LED

70405 Camera Interface

LicheRV Nano	Sipeed GC4653	Sipeed OS04A10	RPi 2lan Camera
MIPI RX 4	CSI CLK	CSI D3	CSI D0
MIPI RX 3	CSI D0	CSI D1	CSI D1
MIPI RX 2	CSI D1	CSI CLK	CSI CLK
MIPI RX 1		CSI D0	
MIPI RX 0		CSI D2	
IO0	RST	RST	Power EN
IO1 (Connect R0N)	MCLK	NC	LED

70415 Camera Interface

SiPEED

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