



Radxa ROCK 4B+

schematic

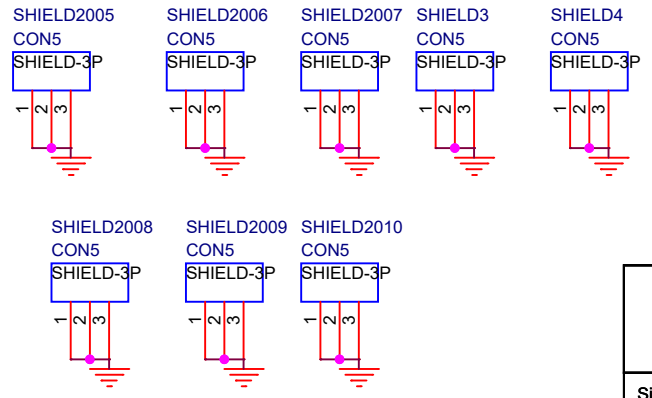
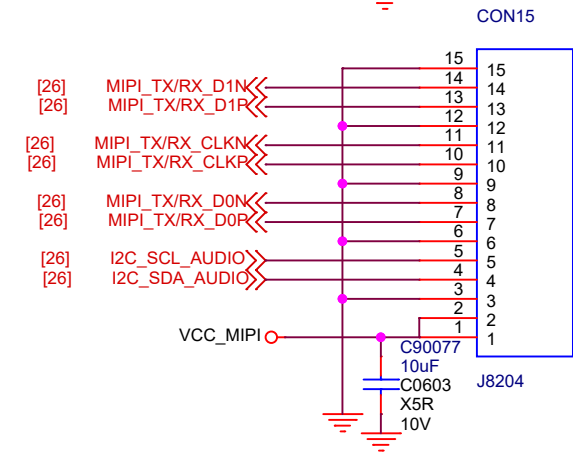
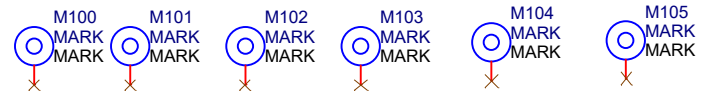
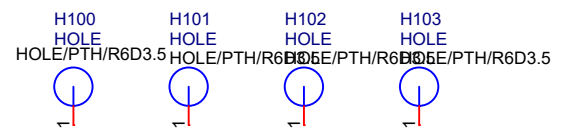
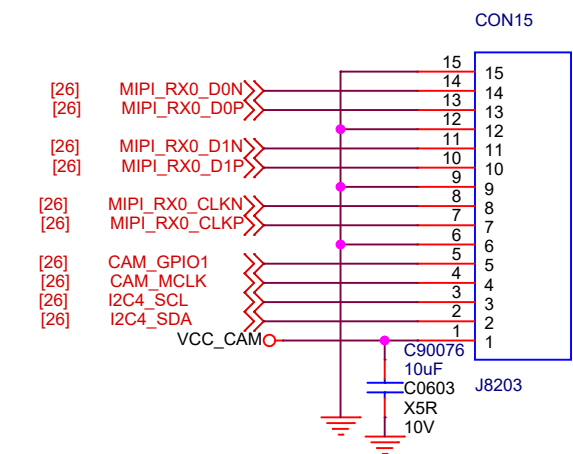
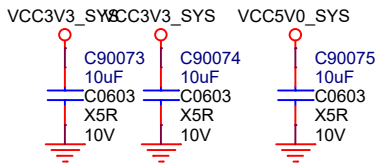
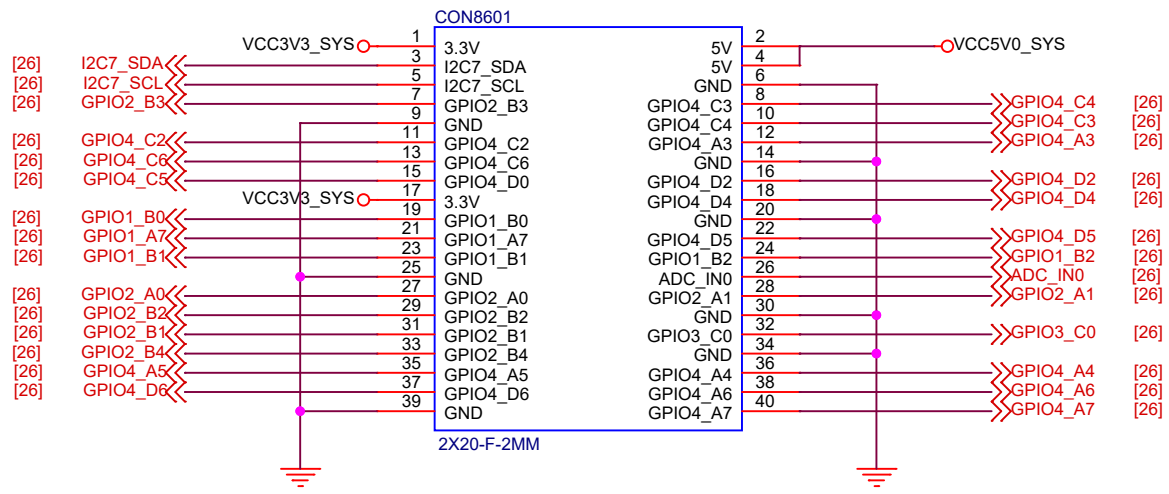
V1.73

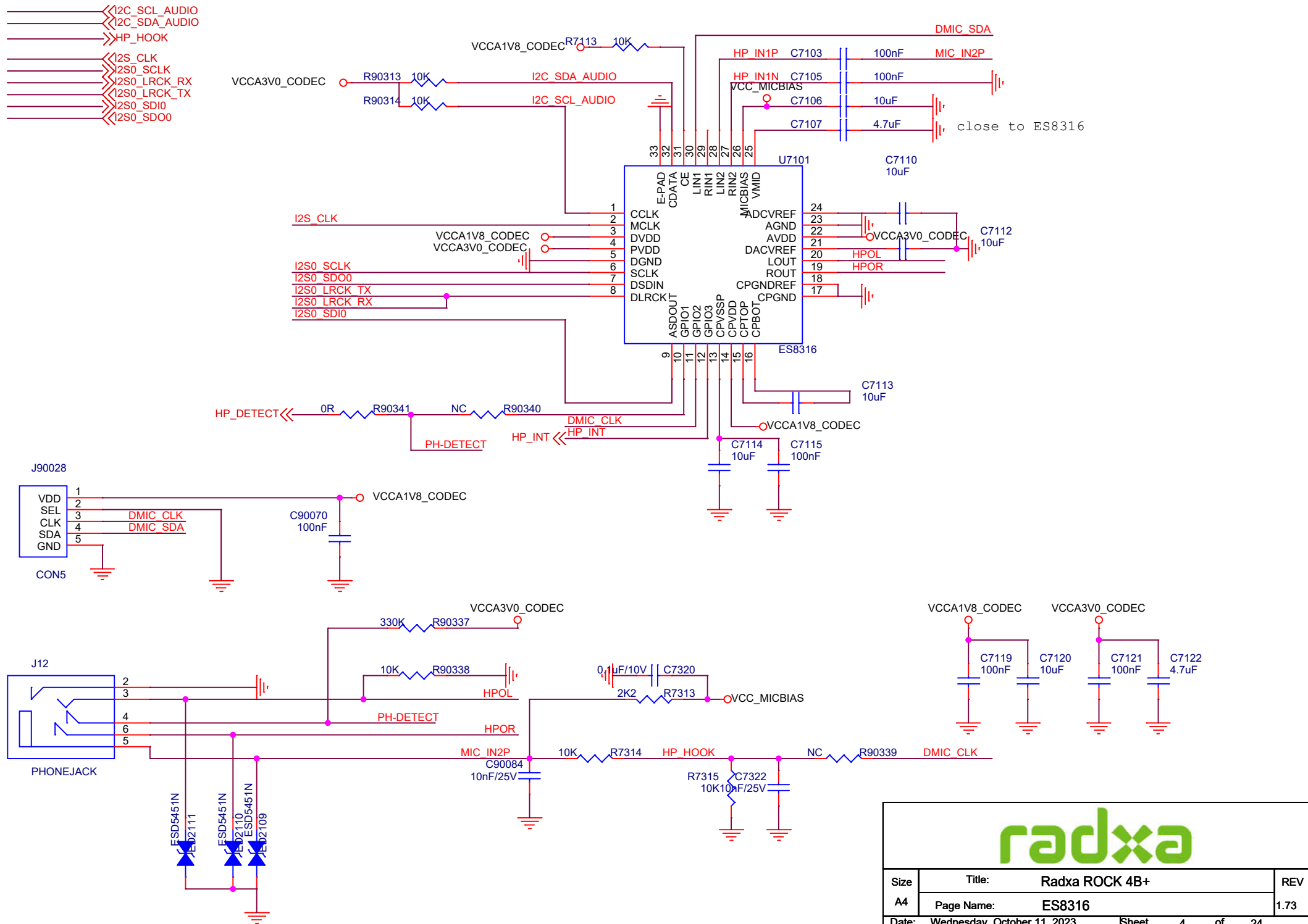
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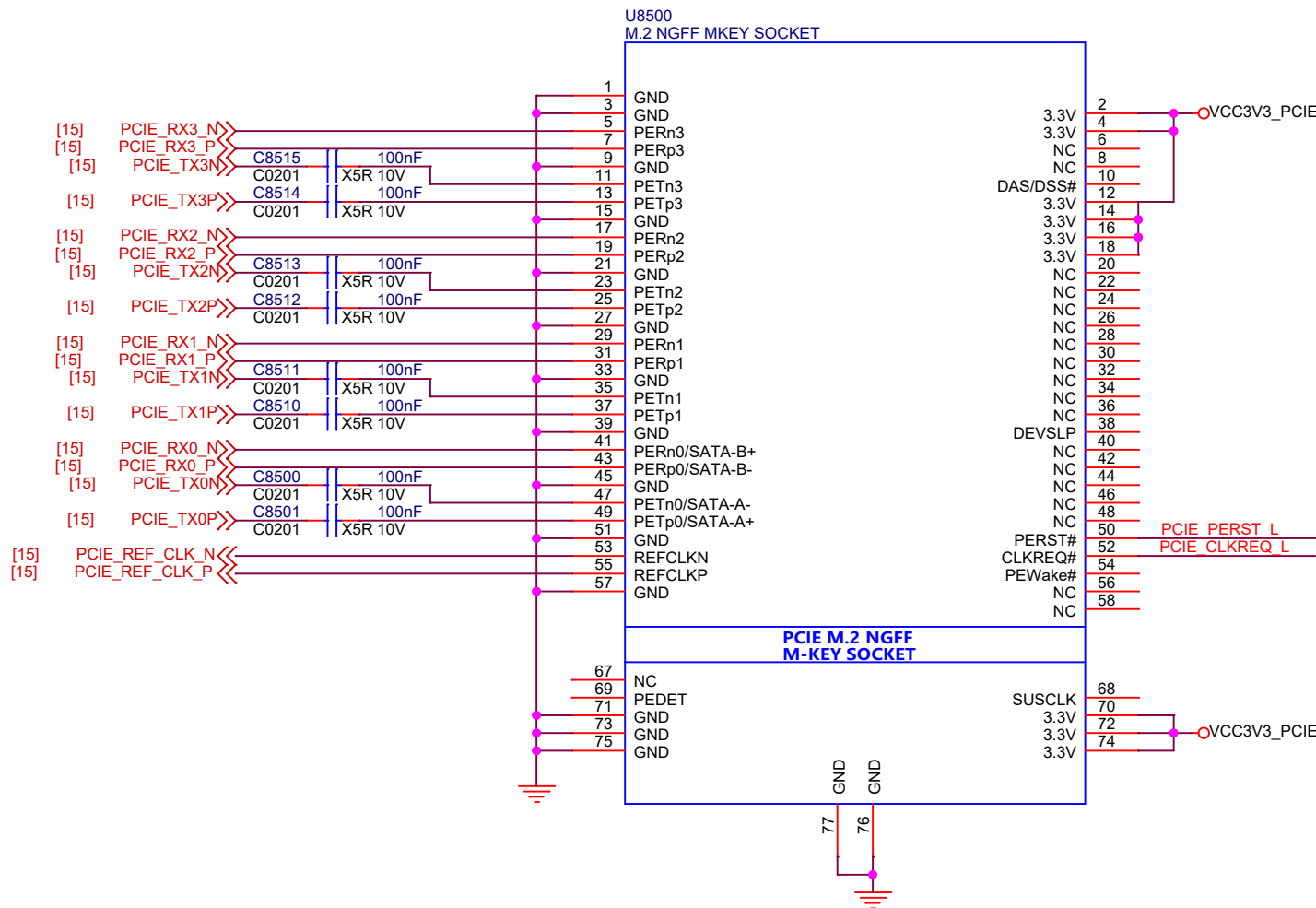




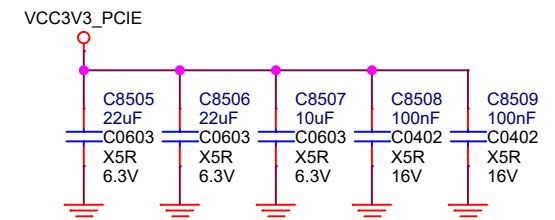
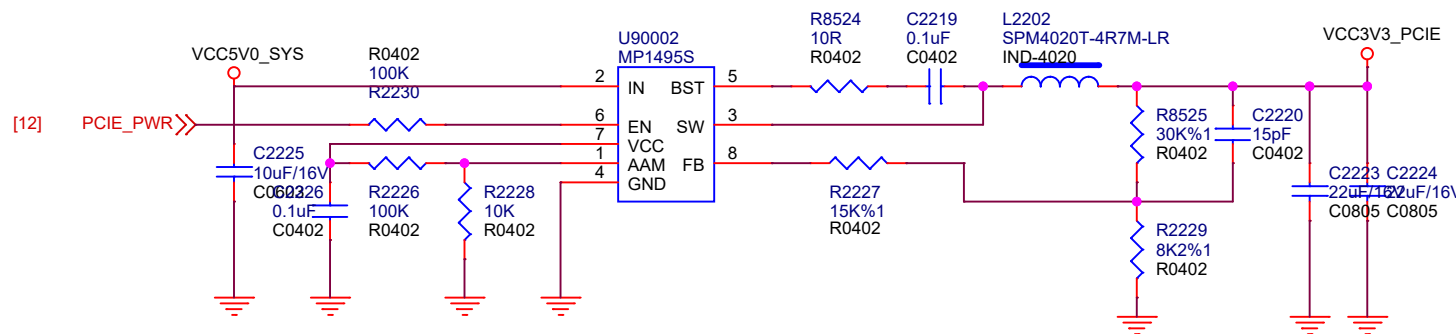
radxa

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PCIe NGFF/M.2

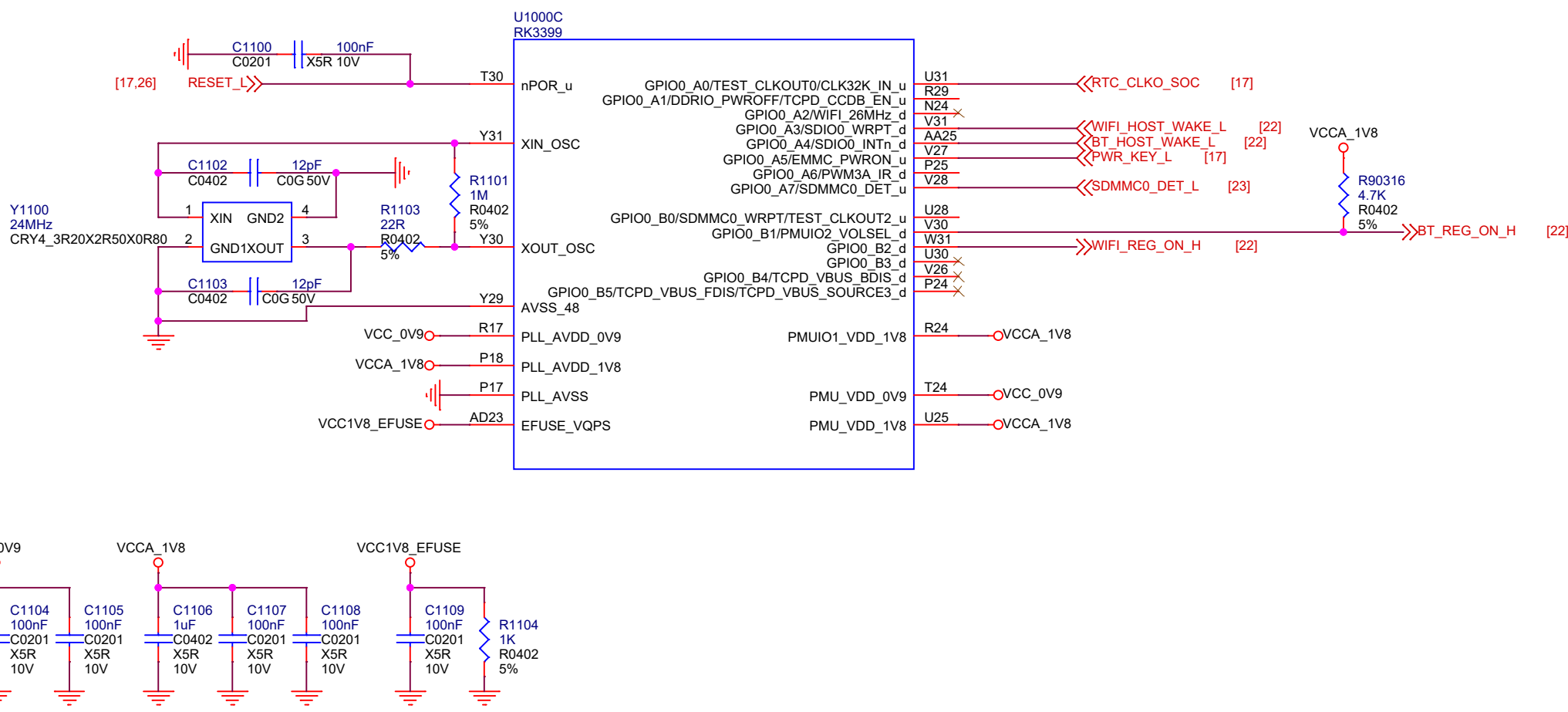


[12] PCIE_PERST_L
[14] PCIE_CLKREQ_L

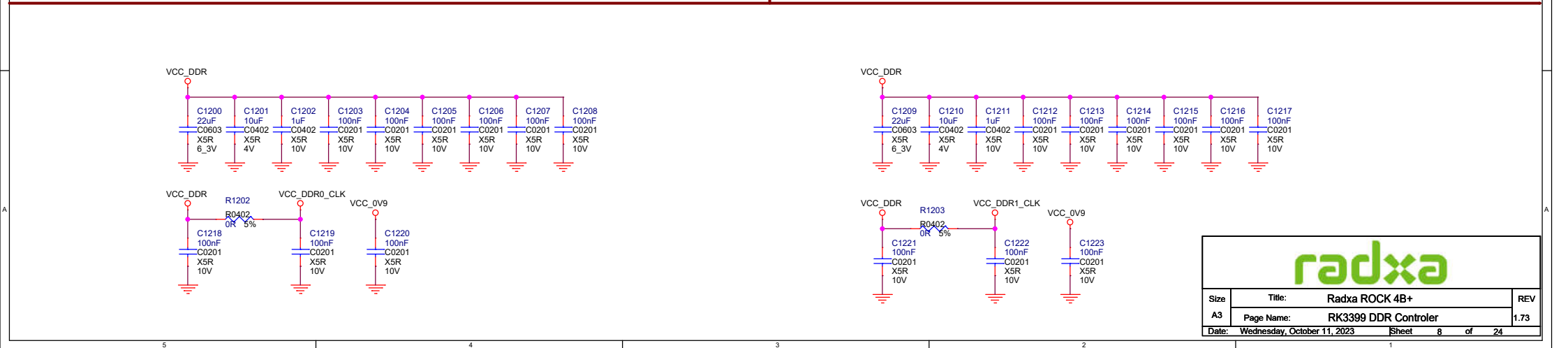
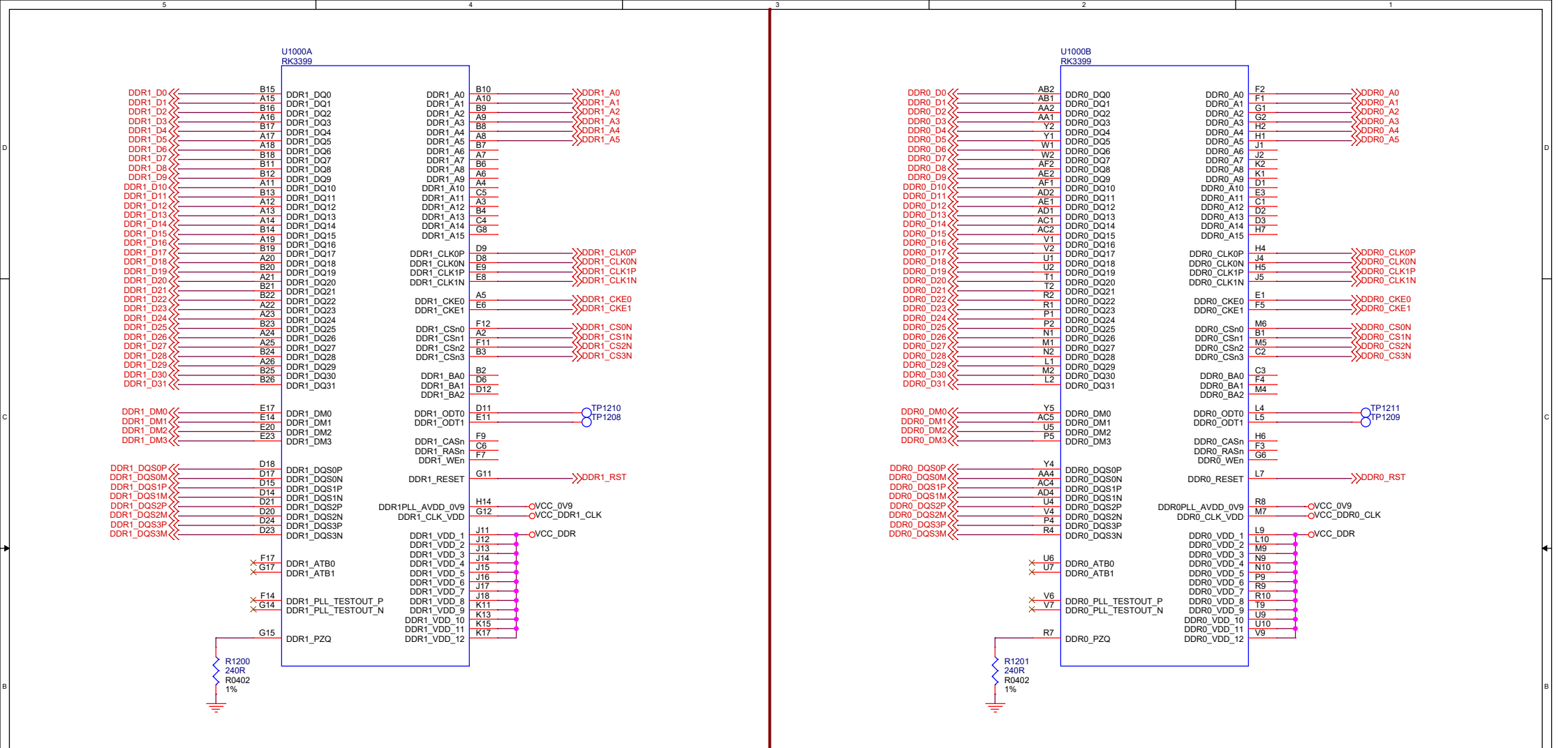


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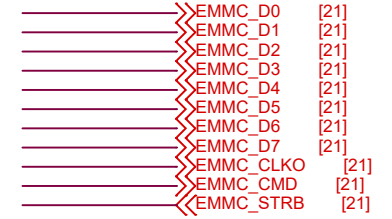
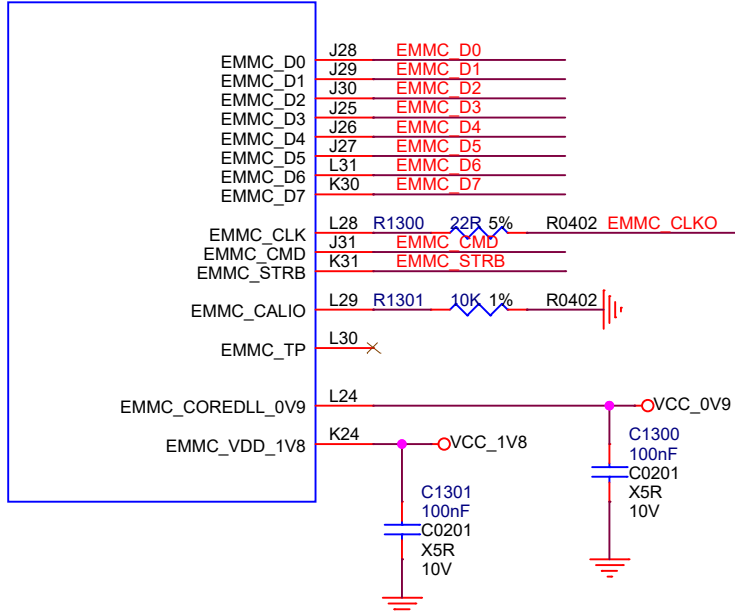
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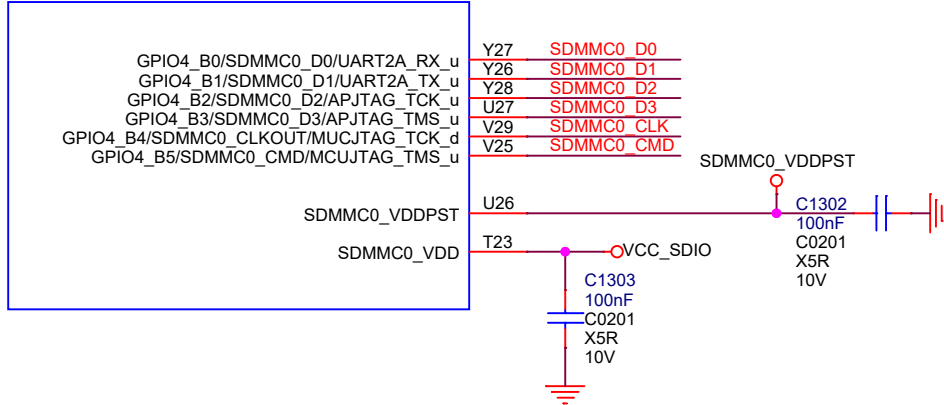
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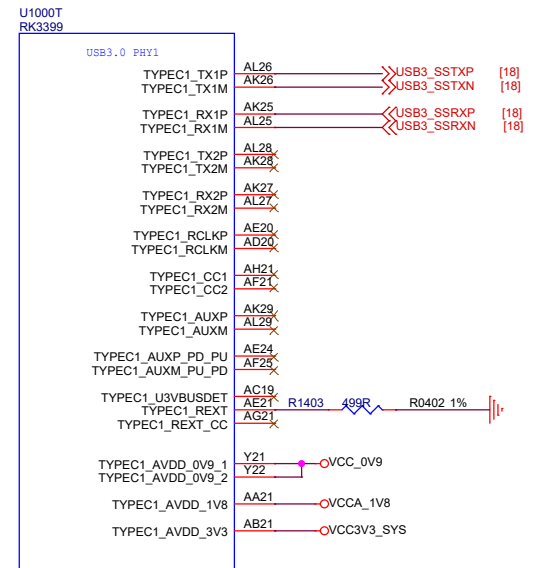
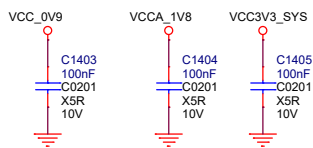
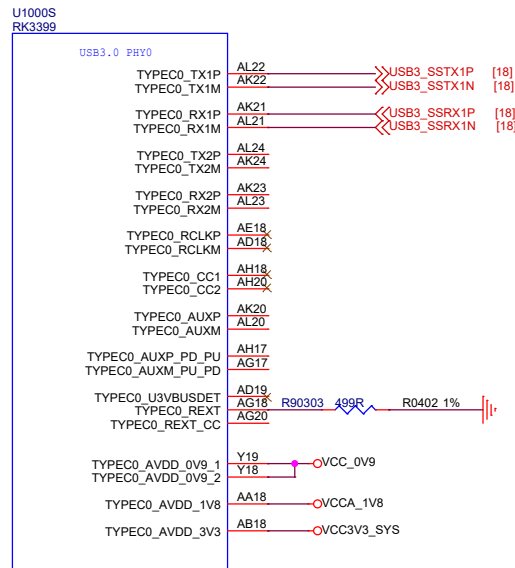
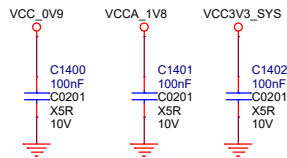
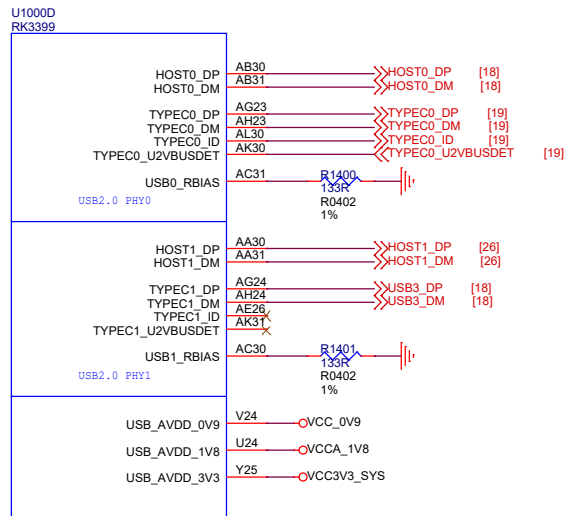
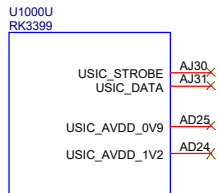
U1000H
RK3399

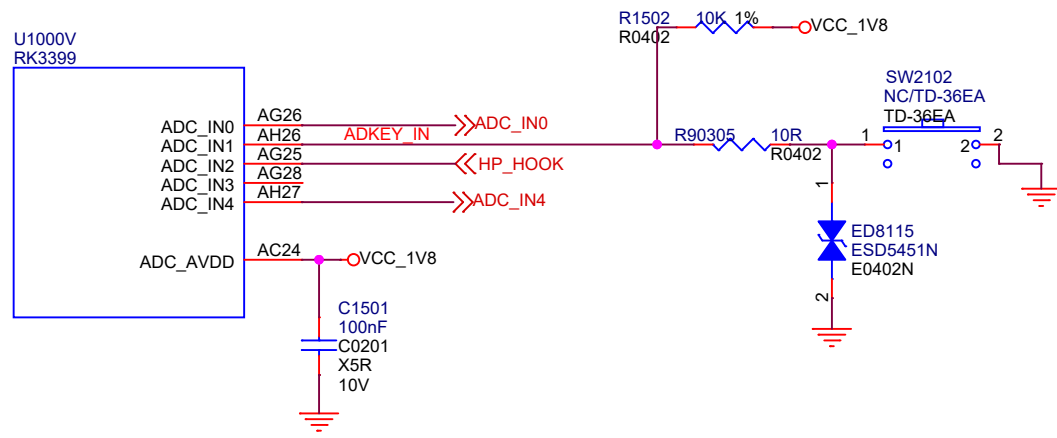


U1000F
RK3399



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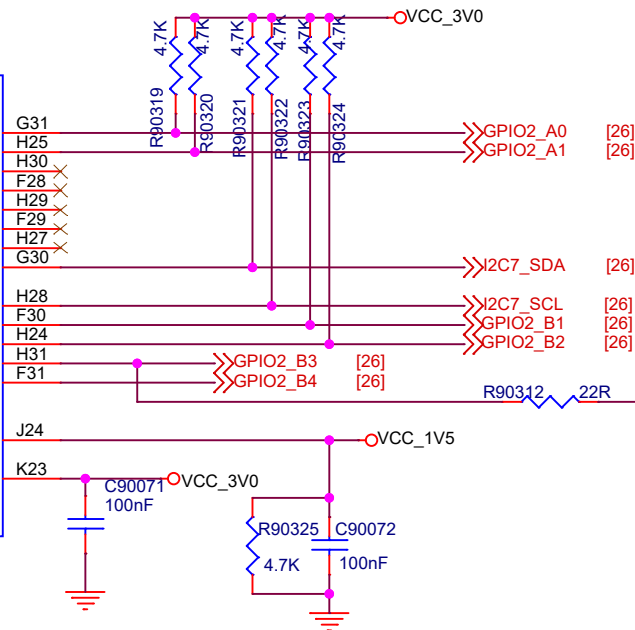
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U1000L
RK3399

GPIO2_A0/VOP_D0/CIF_D0/I2C2_SDA_u
GPIO2_A1/VOP_D1/CIF_D1/I2C2_SCL_u
GPIO2_A2/VOP_D2/CIF_D2_d
GPIO2_A3/VOP_D3/CIF_D3_d
GPIO2_A4/VOP_D4/CIF_D4_d
GPIO2_A5/VOP_D5/CIF_D5_d
GPIO2_A6/VOP_D6/CIF_D6_d
GPIO2_A7/VOP_D7/CIF_D7/I2C7_SDA_u

GPIO2_B0/VOP_CLK/CIF_VSYNC/I2C7_SCL_u
GPIO2_B1/SPI2_RXD/CIF_HREF/I2C6_SDA_u
GPIO2_B2/SPI2_TXD/CIF_CLKIN/I2C6_SCL_u
GPIO2_B3/SPI2_CLK/VOP_DEN/CIF_CLKOUTA_u
GPIO2_B4/SPI2_CSn0_u

APIO2_VDDPST
APIO2_VDD



U1000R
RK3399

MIPI_RX0_D0P AK15 >>> MIPI_RX0_D0P [26]
MIPI_RX0_D0N AL15 >>> MIPI_RX0_D0N [26]

MIPI_RX0_D1P AK14 >>> MIPI_RX0_D1P [26]
MIPI_RX0_D1N AL14 >>> MIPI_RX0_D1N [26]

MIPI_RX0_CLKP AK13 >>> MIPI_RX0_CLKP [26]
MIPI_RX0_CLKN AL13 >>> MIPI_RX0_CLKN [26]

MIPI_RX0_D2P AK12 >>> MIPI_RX0_D2P [26]
MIPI_RX0_D2N AL12 >>> MIPI_RX0_D2N [26]

MIPI_RX0_D3P AK11 >>> MIPI_RX0_D3P [26]
MIPI_RX0_D3N AL11 >>> MIPI_RX0_D3N [26]

MIPI_RX0_REXT AF14 R1600 4.02K%1 R0402 1%
MIPI_RX0_AVDD_1V8 AB14 VCC_1V8

U1000P
RK3399

MIPI_TX1/RX1_D0P AK6 >>> MIPI_TX/RX_D0P [26]
MIPI_TX1/RX1_D0N AL6 >>> MIPI_TX/RX_D0N [26]

MIPI_TX1/RX1_D1P AK7 >>> MIPI_TX/RX_D1P [26]
MIPI_TX1/RX1_D1N AL7 >>> MIPI_TX/RX_D1N [26]

MIPI_TX1/RX1_CLKP AK8 >>> MIPI_TX/RX_CLKP [26]
MIPI_TX1/RX1_CLKN AL8 >>> MIPI_TX/RX_CLKN [26]

MIPI_TX1/RX1_D2P AK9 >>> MIPI_TX/RX_D2P [26]
MIPI_TX1/RX1_D2N AL9 >>> MIPI_TX/RX_D2N [26]

MIPI_TX1/RX1_D3P AK10 >>> MIPI_TX/RX_D3P [26]
MIPI_TX1/RX1_D3N AL10 >>> MIPI_TX/RX_D3N [26]

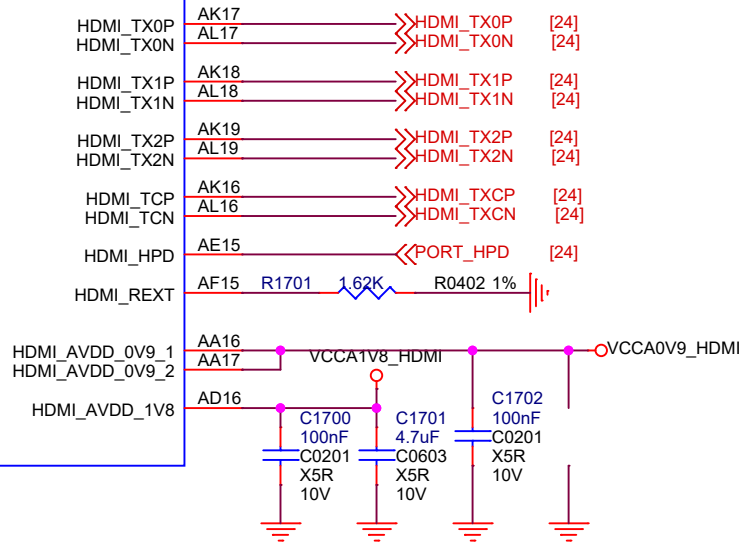
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MIPI_TX1/RX1_AVDD_1V8 AC10 VCC_1V8

C1601 100nF
C0201 X5R 10V

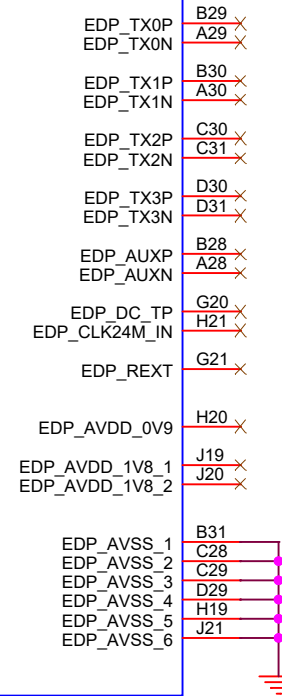


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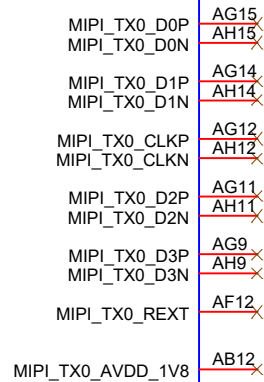
U1000N
RK3399



U1000M
RK3399

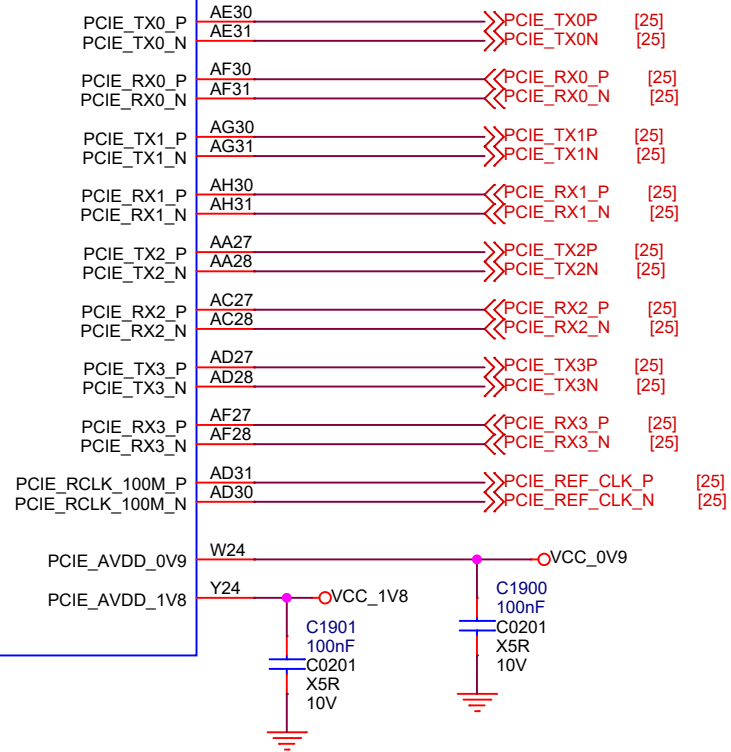


U1000Q
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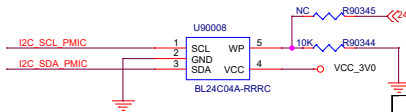
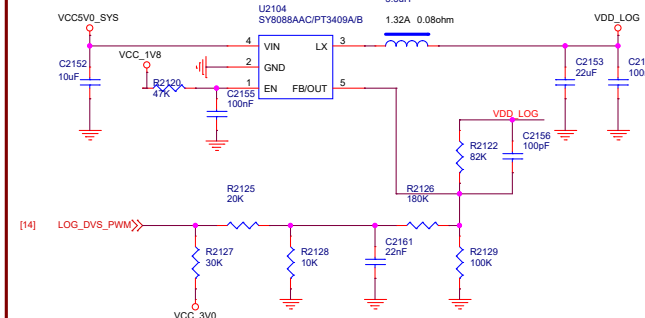
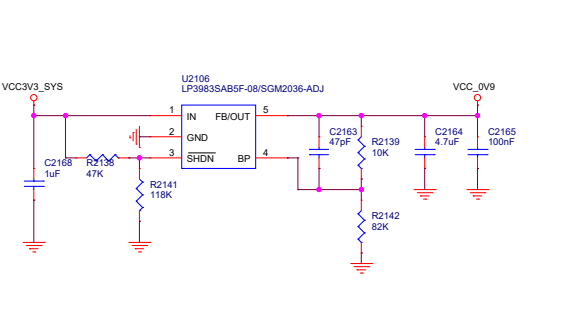
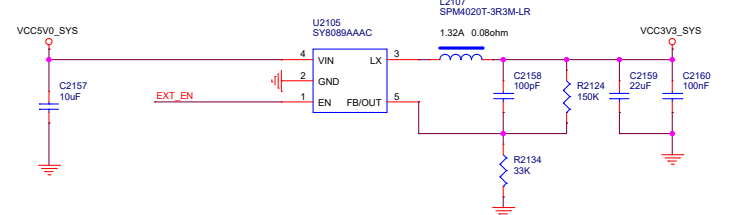
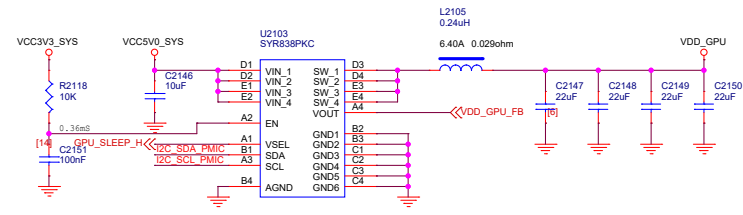
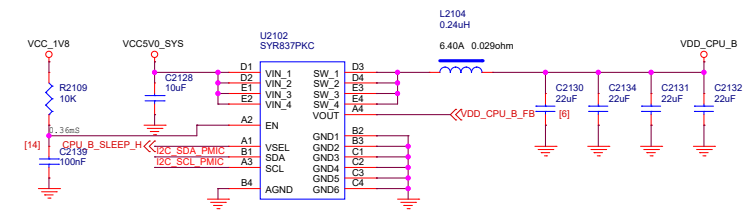
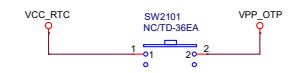
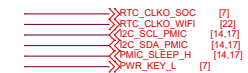
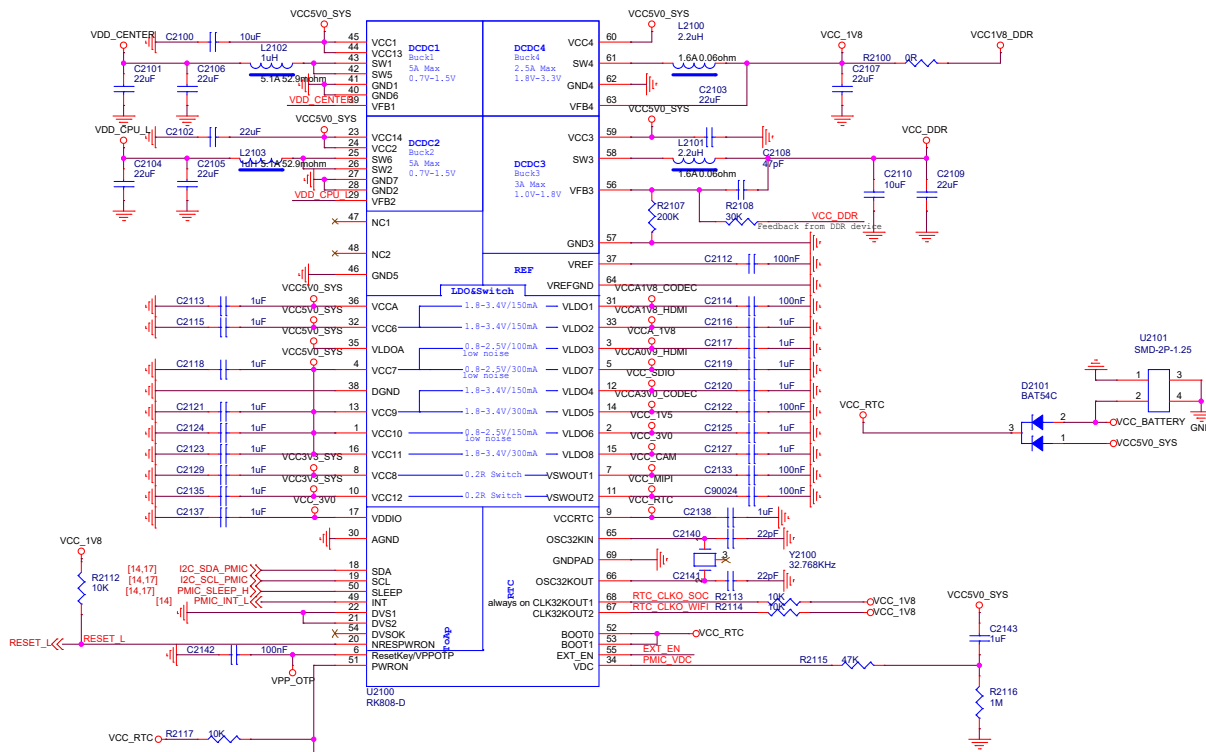


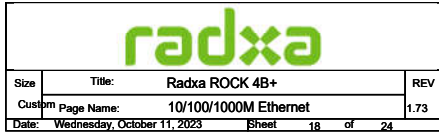
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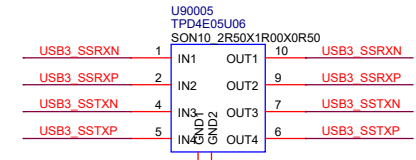
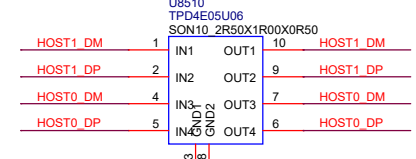
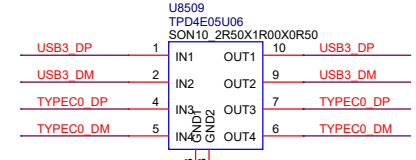
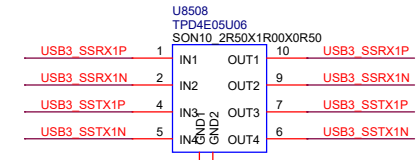
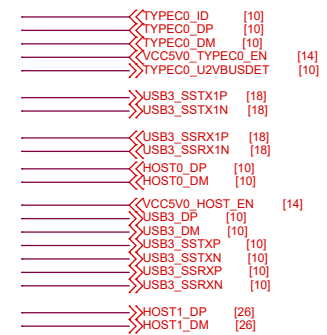
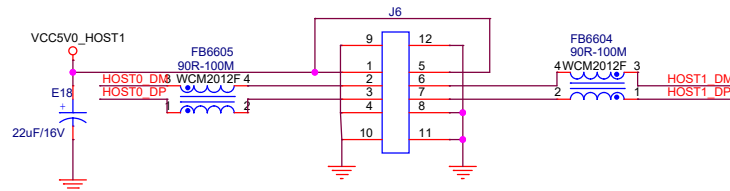
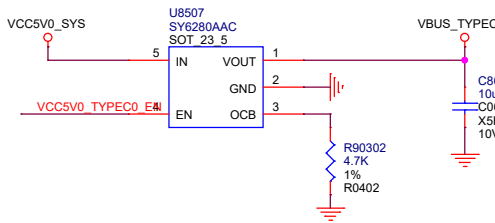
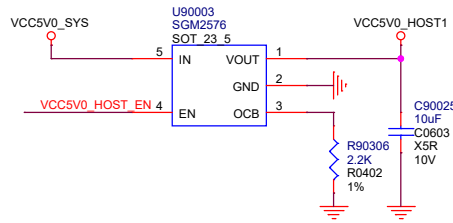
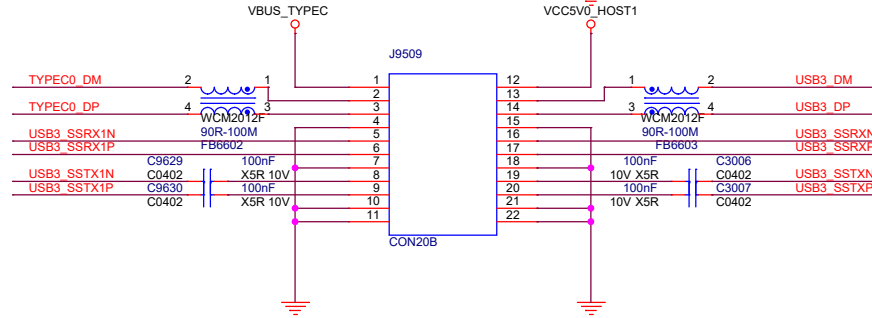
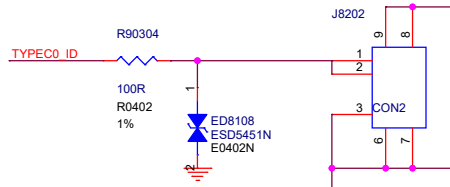
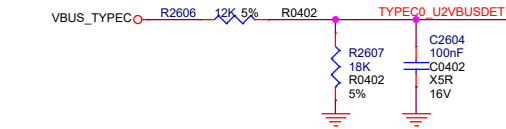
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RK3399

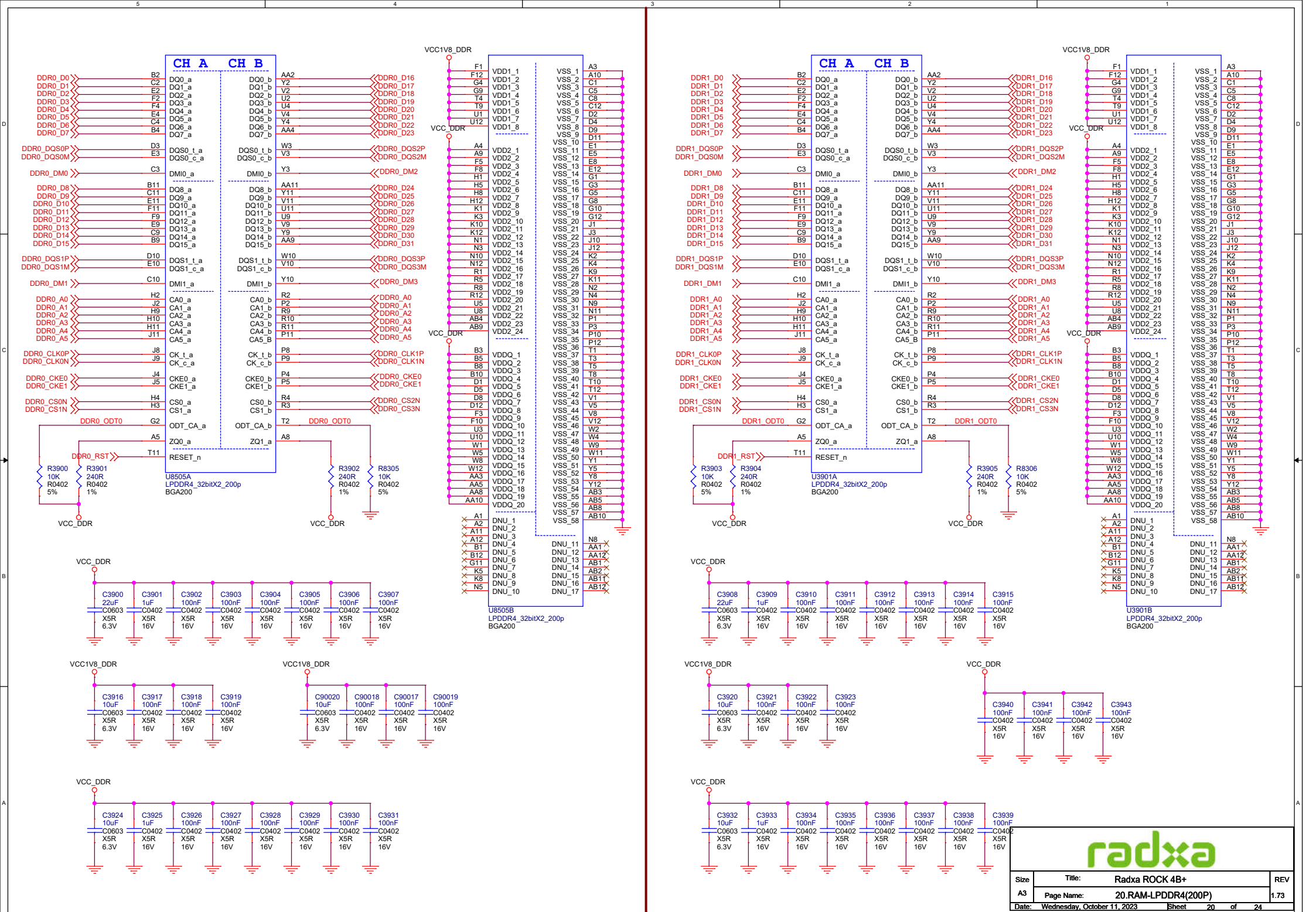


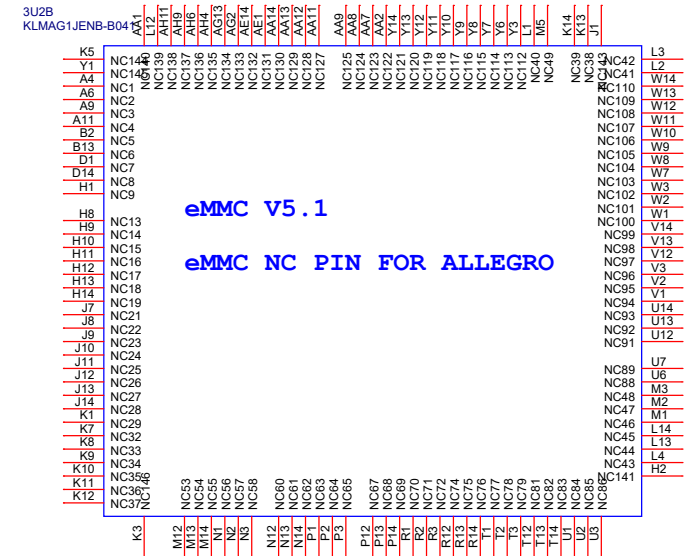
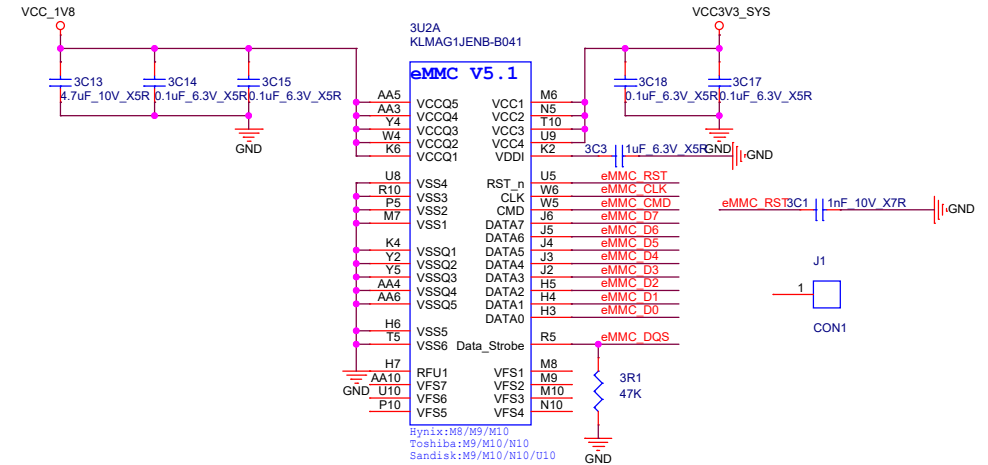
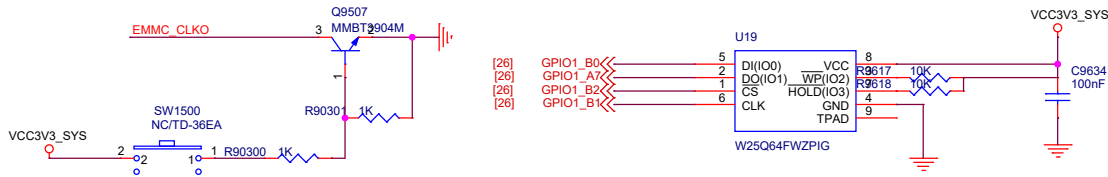
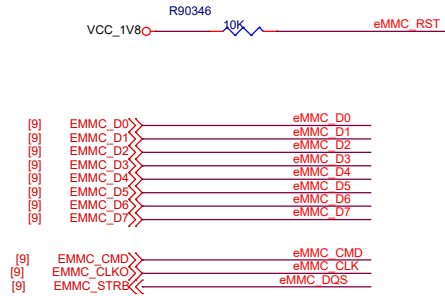
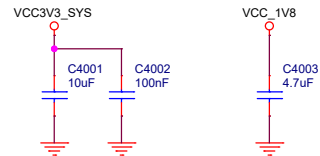
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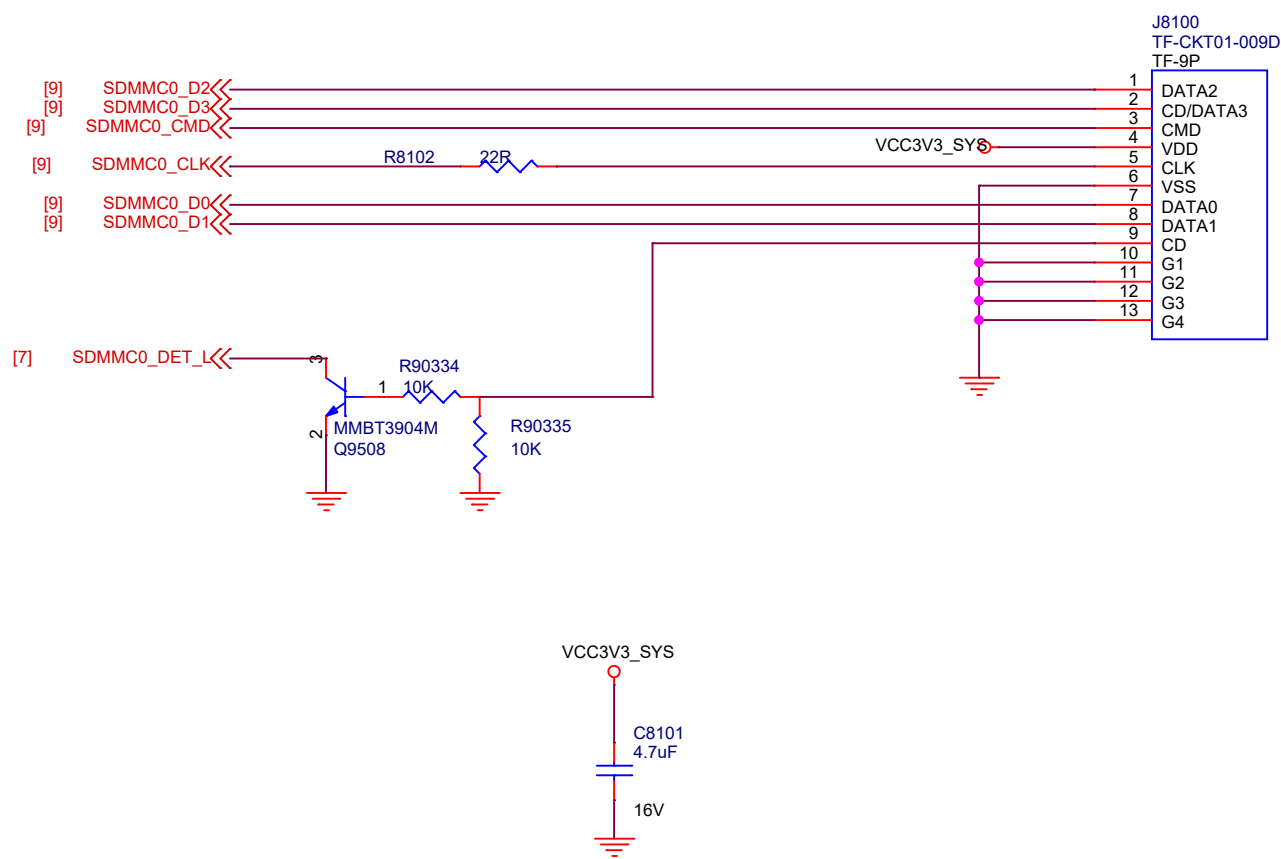








TF CARD



HDMI Output

