



Radxa ROCK 4B+

schematic

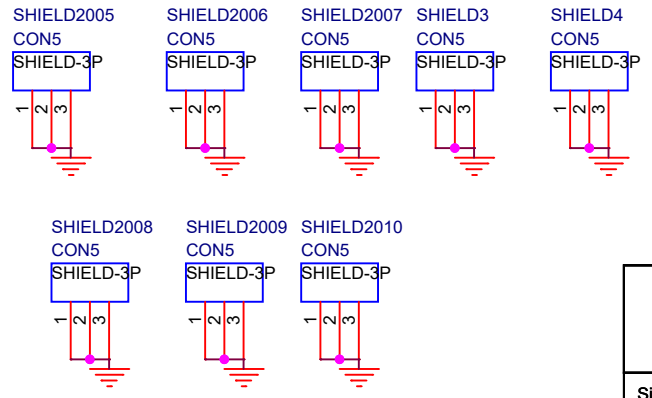
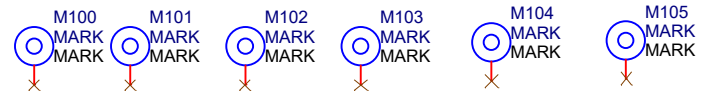
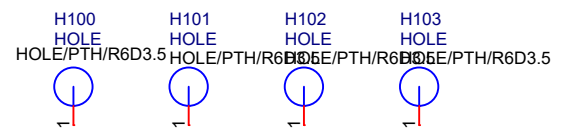
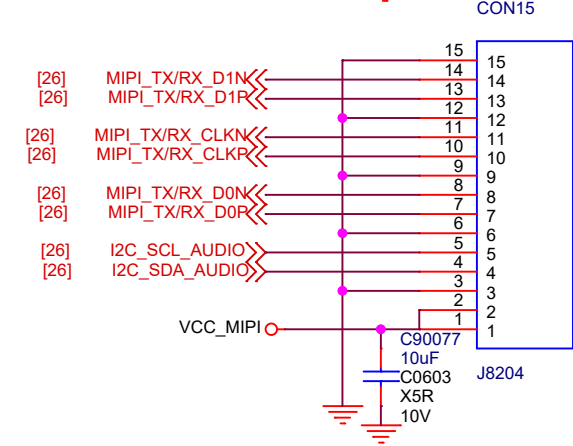
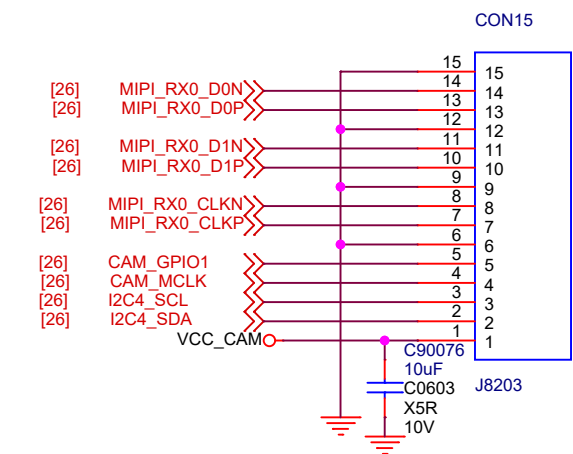
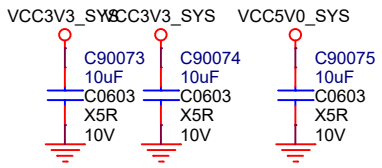
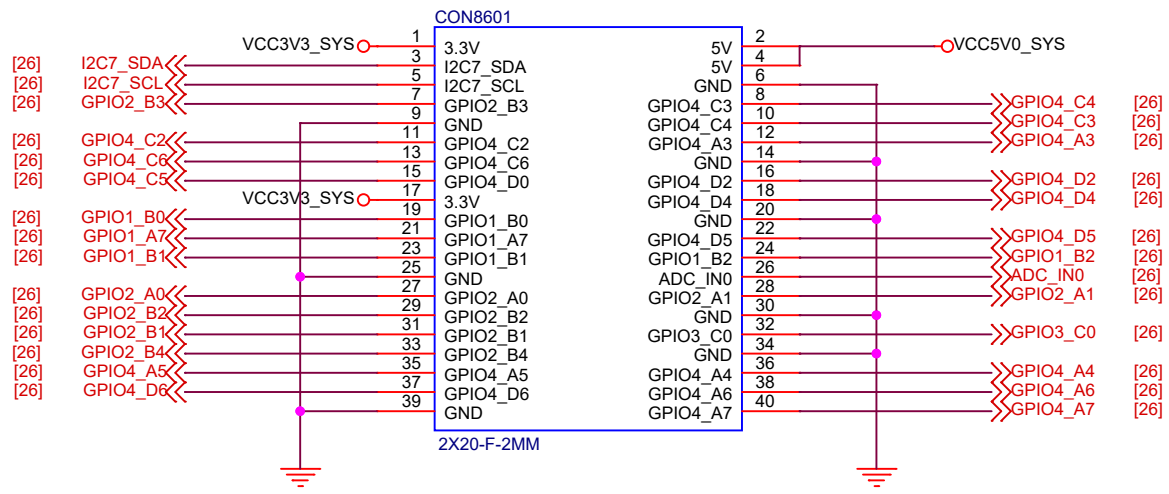
V1.73

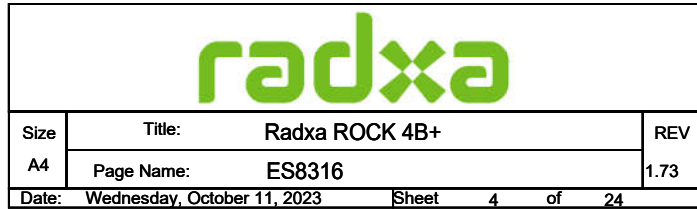
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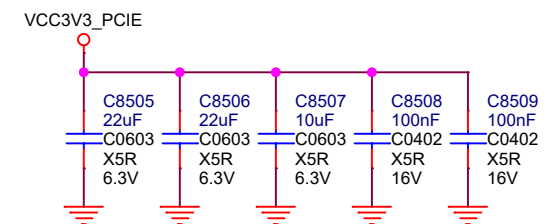
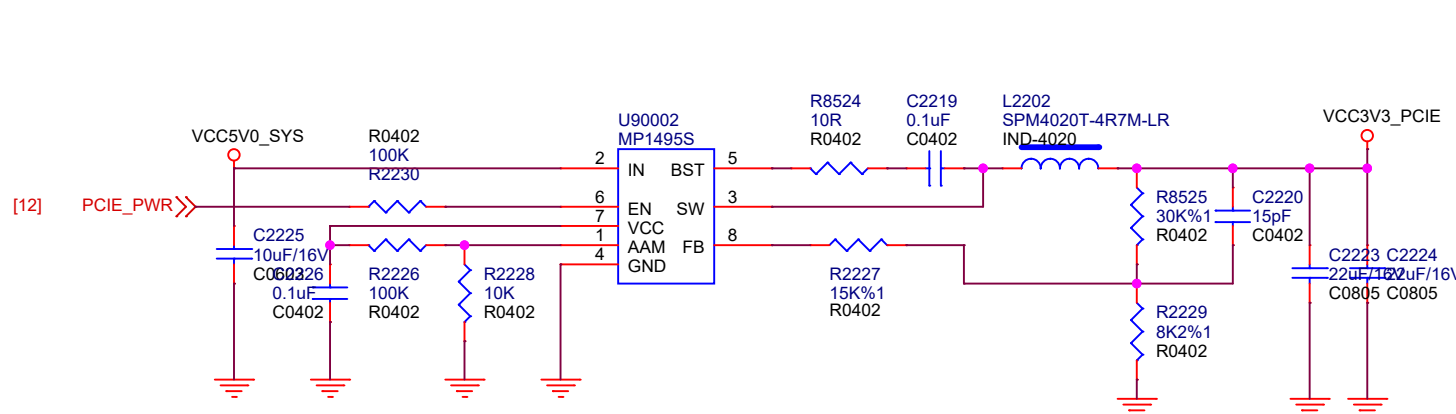


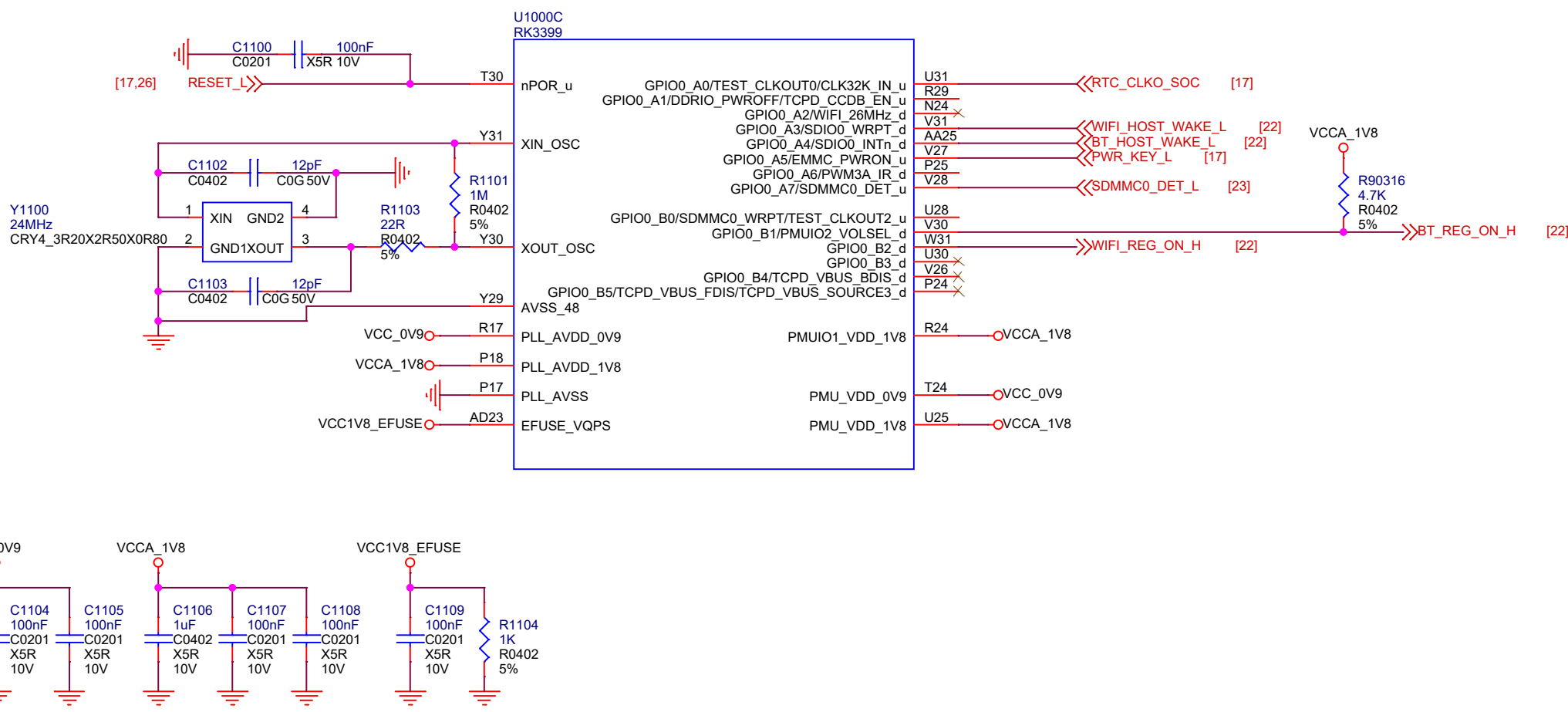
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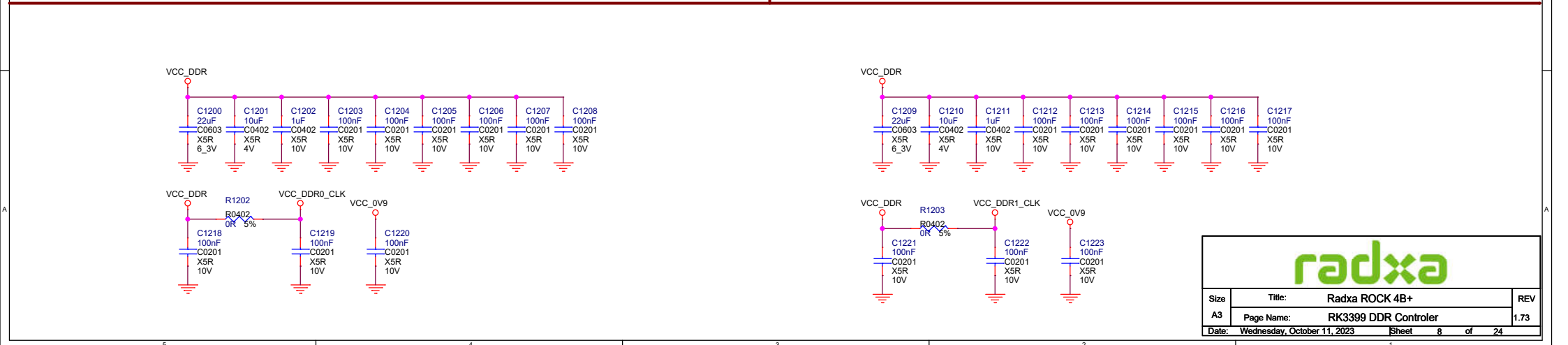
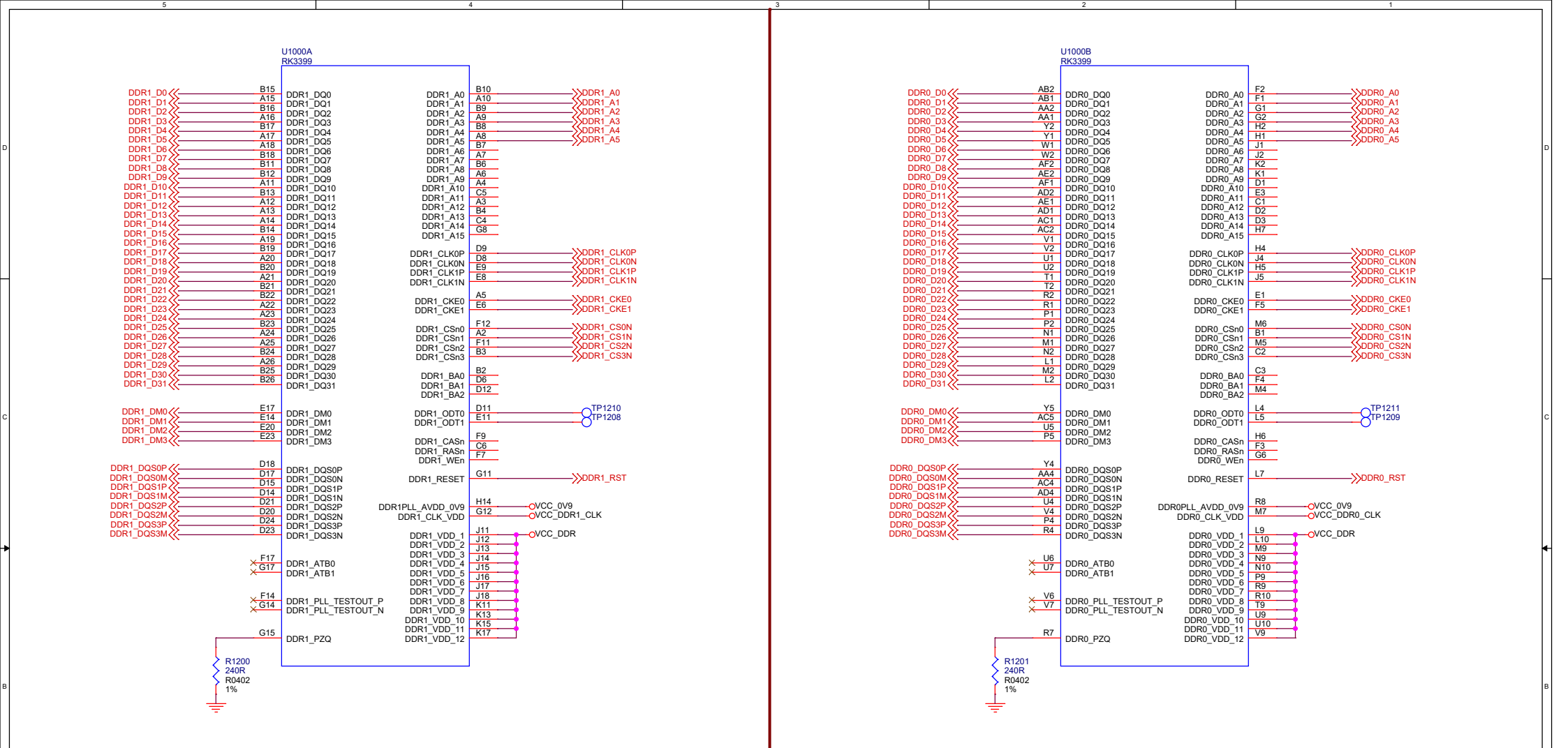


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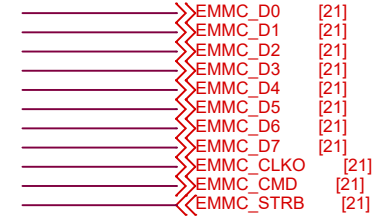
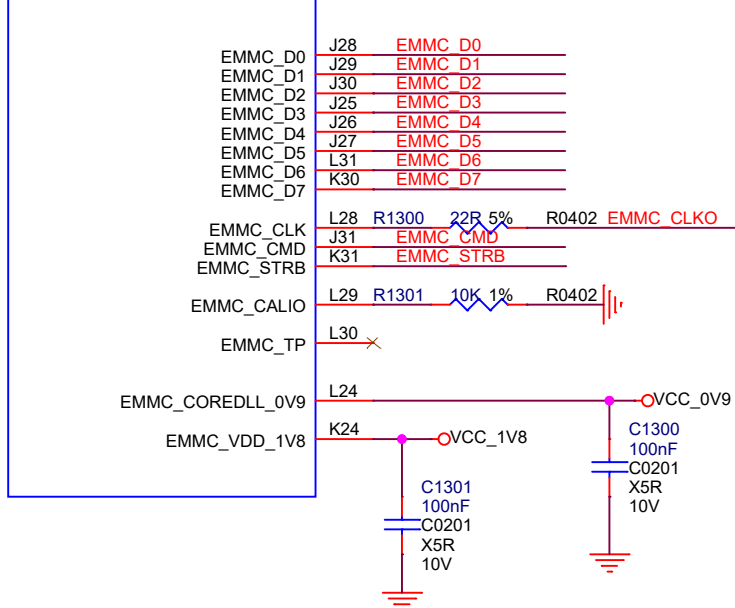




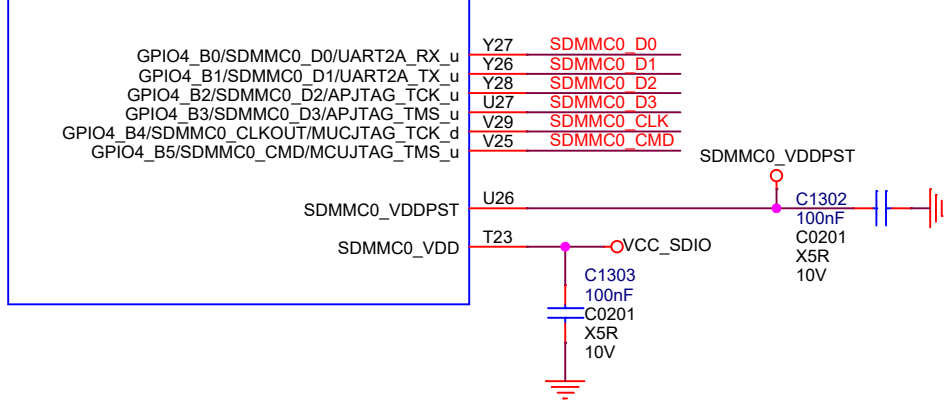
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U1000H
RK3399

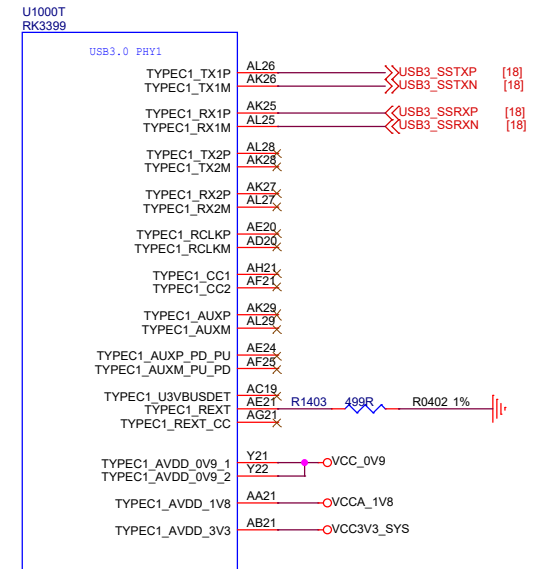
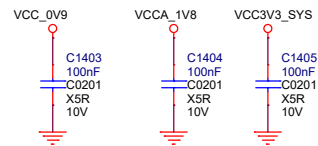
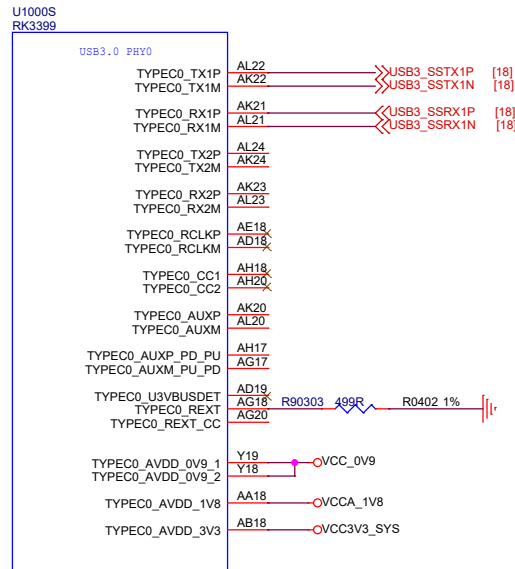
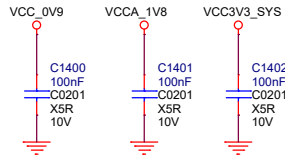
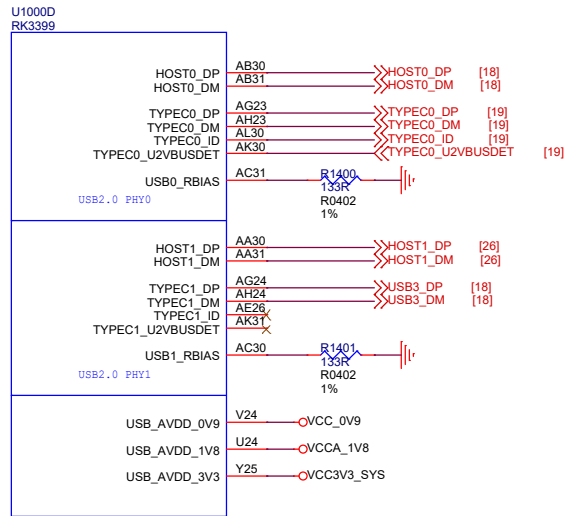
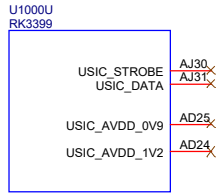


U1000F
RK3399



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Size	Title:	Rev
A4	Radxa ROCK 4B+	1.73
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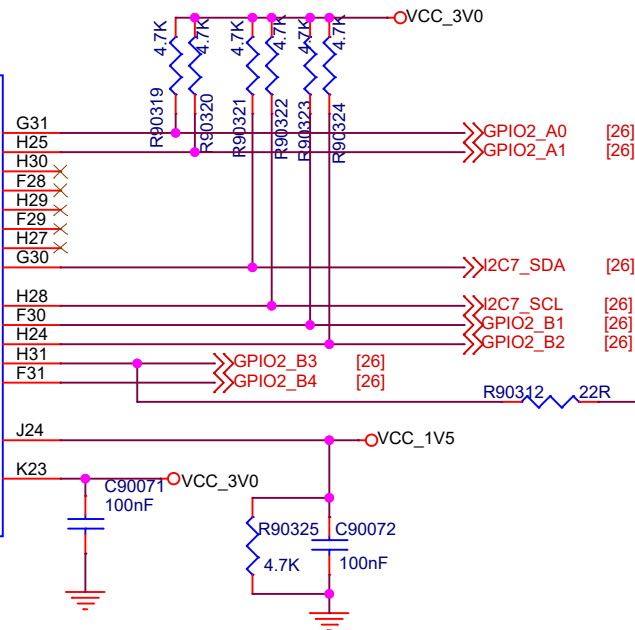


U1000L
RK3399

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]

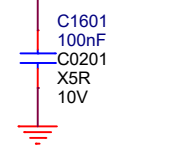
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MIPI_TX1/RX1_CLKN AL8 >> MIPI_TX/RX_CLKN [26]

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]

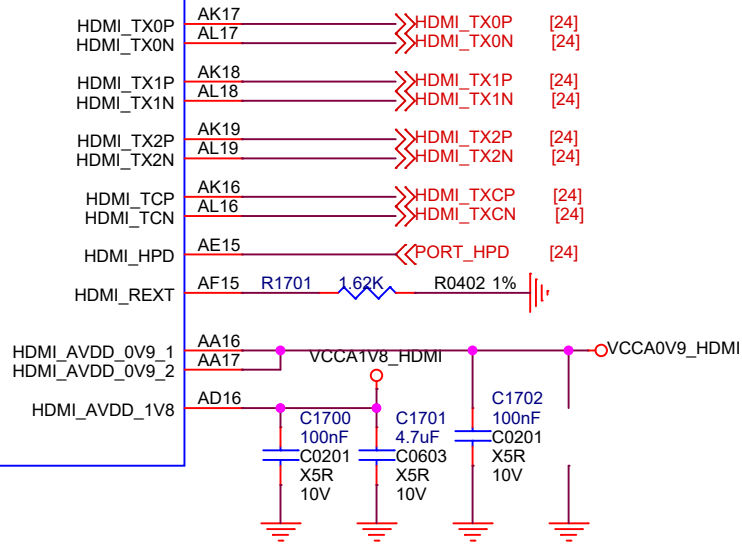
MIPI_TX1/RX1_REXT AF11 R1601 4.02K%1 R0402 1%

MIPI_TX1/RX1_AVDD_1V8 AC10 >> VCC_1V8

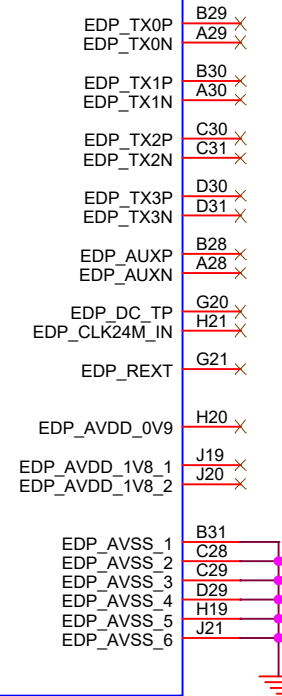


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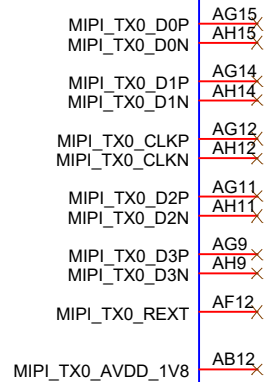
U1000N
RK3399



U1000M
RK3399

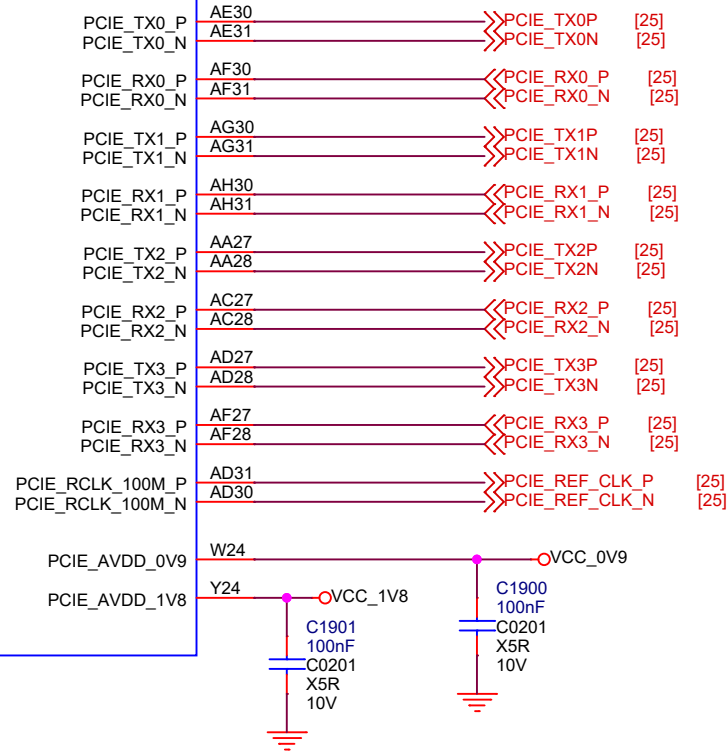


U1000Q
RK3399



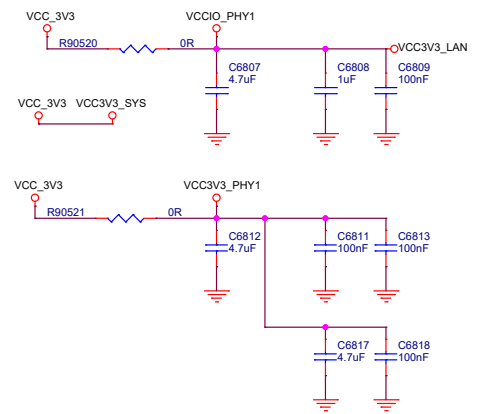
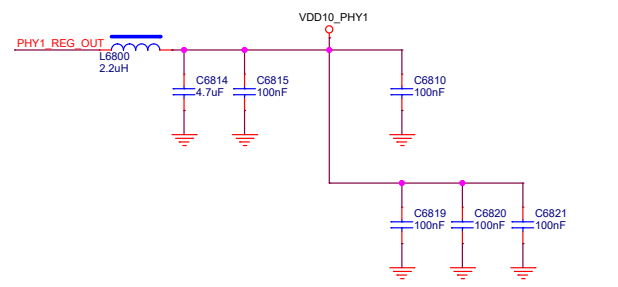
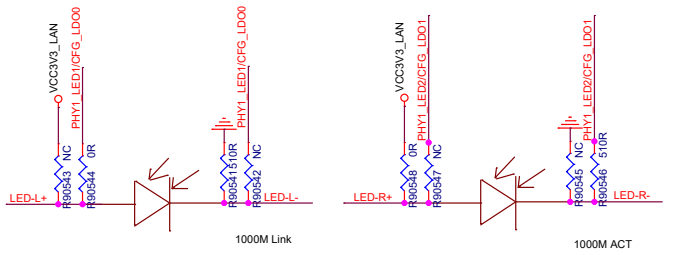
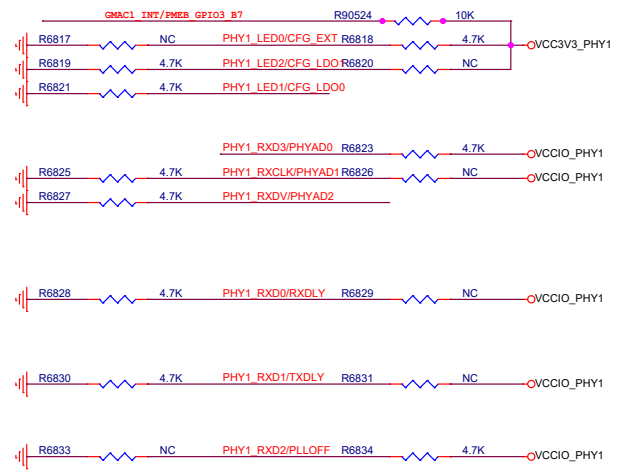
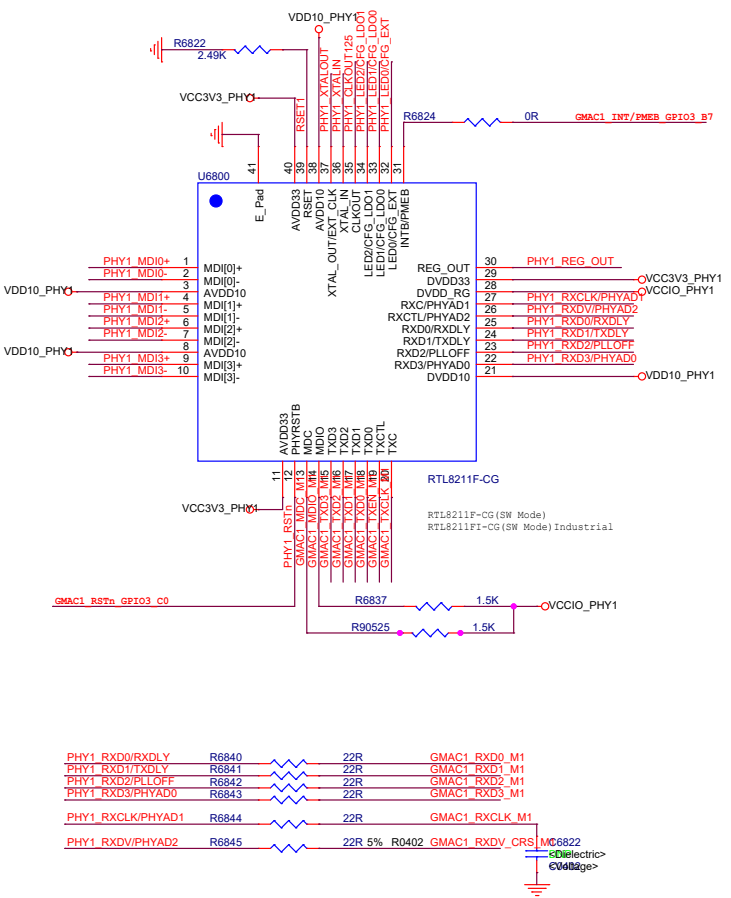
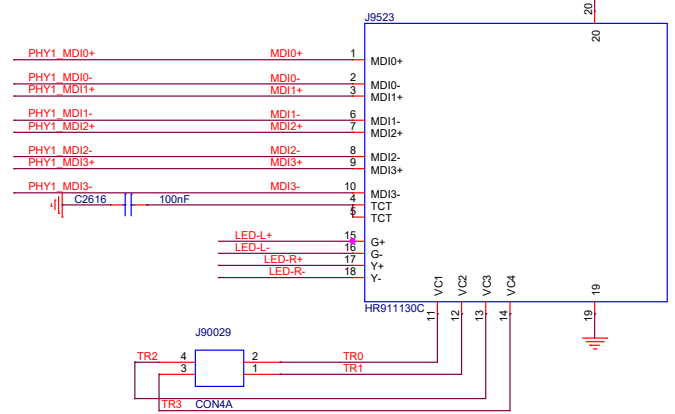
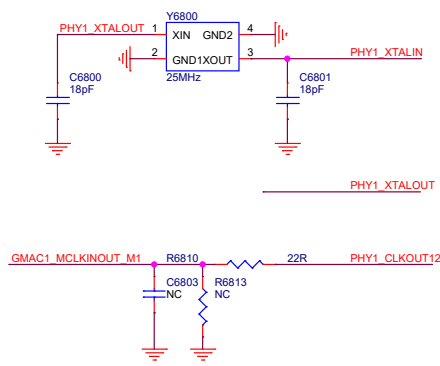
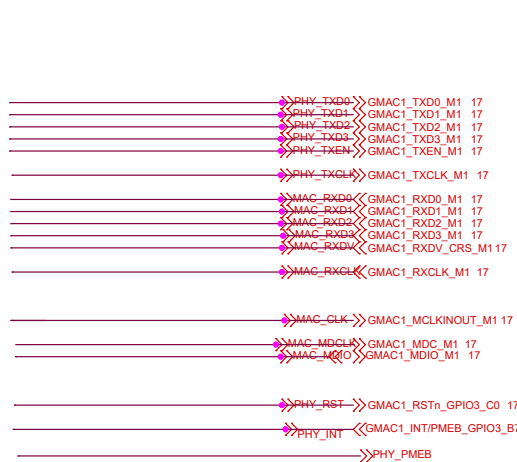
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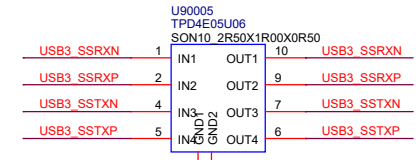
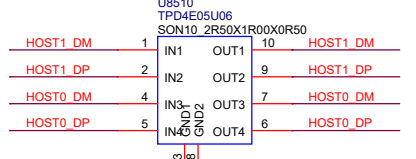
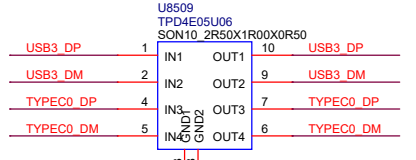
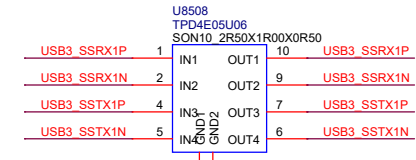
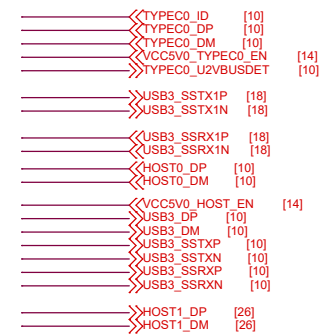
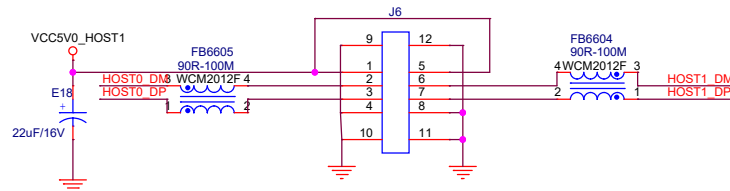
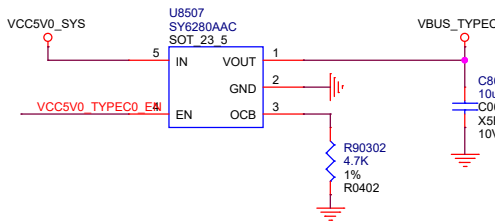
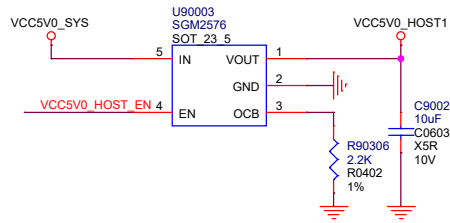
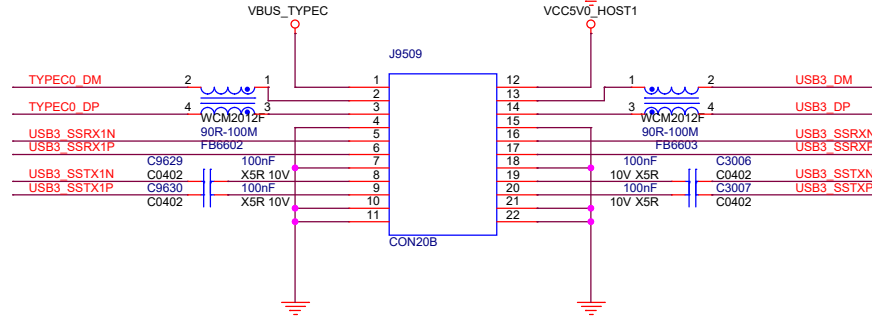
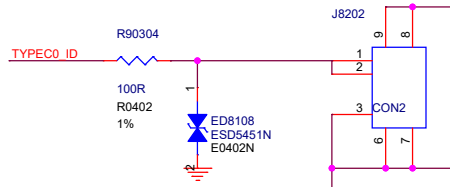
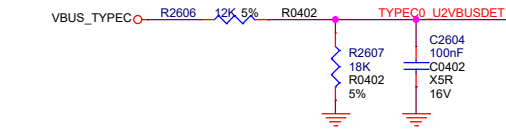
U10000
RK3399

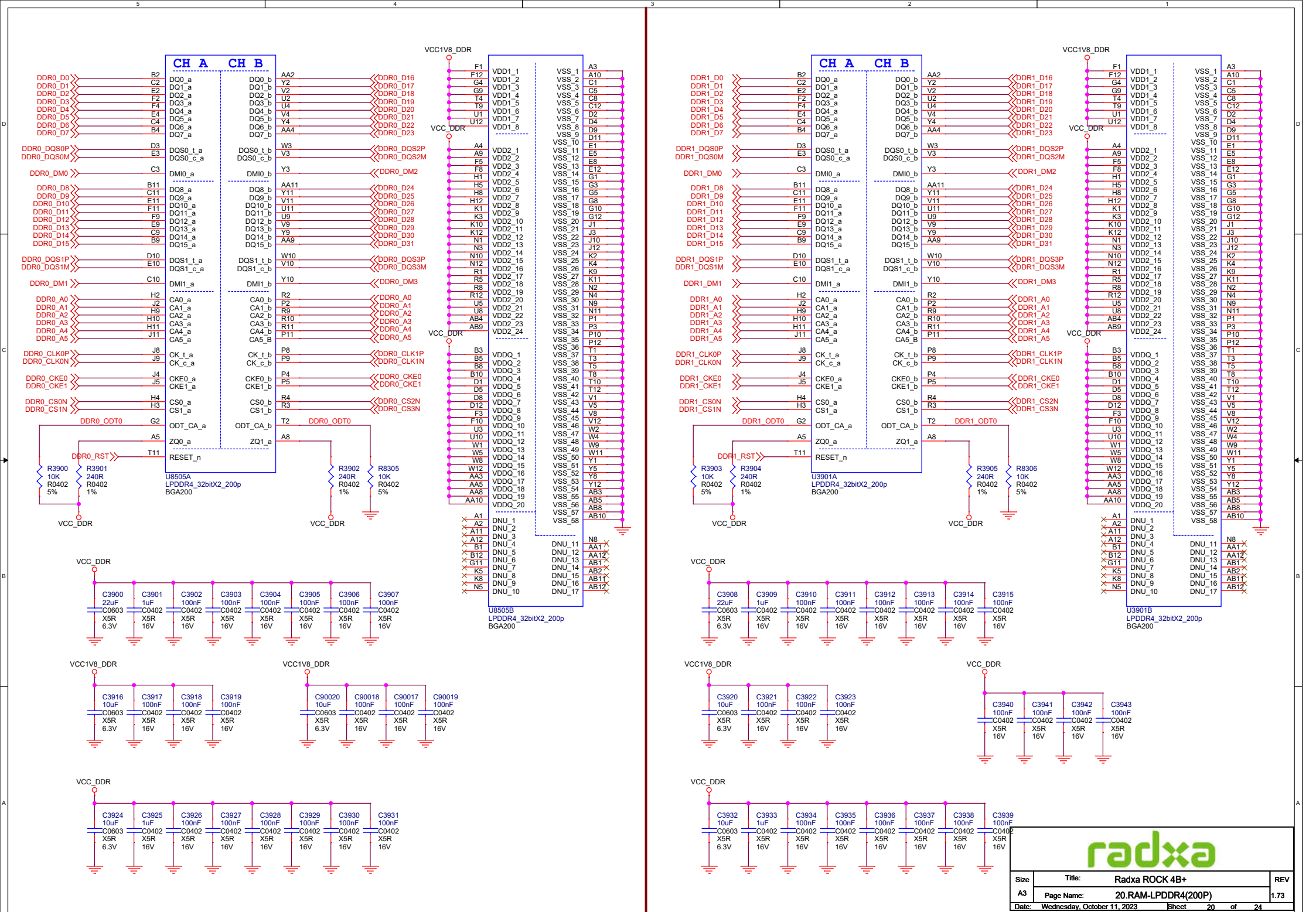


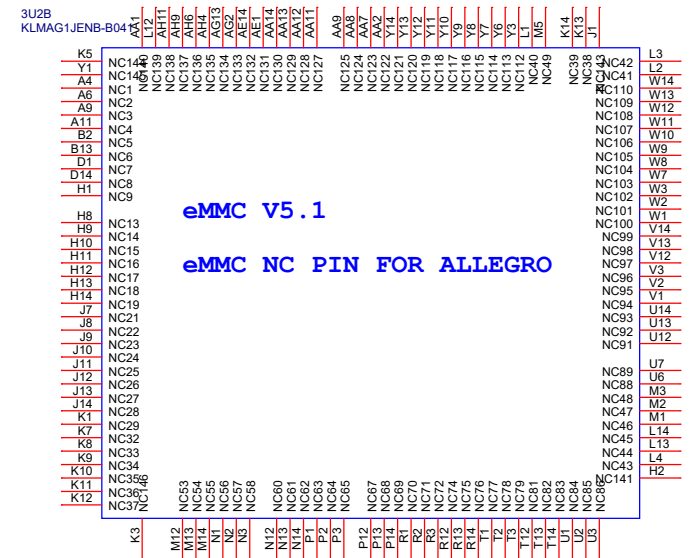
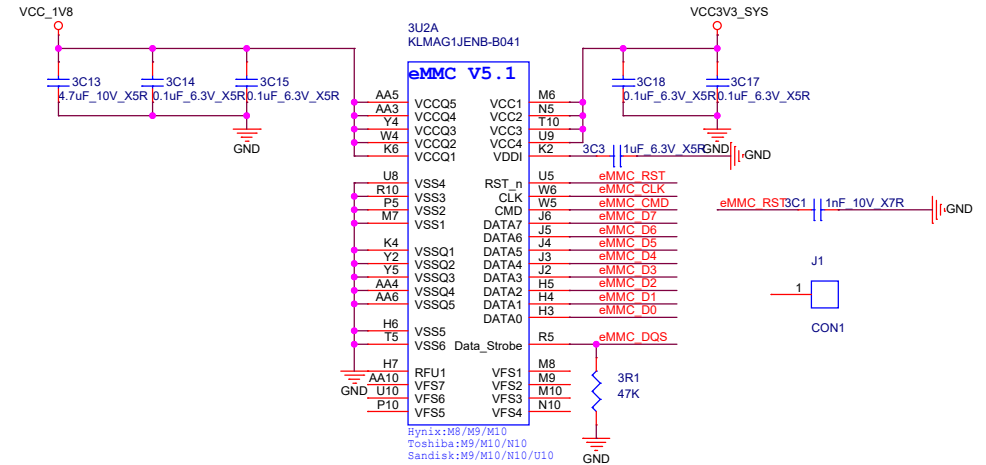
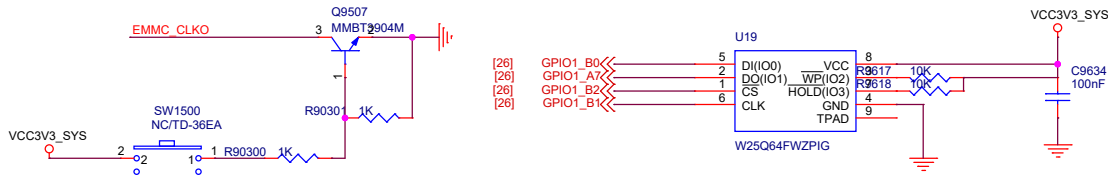
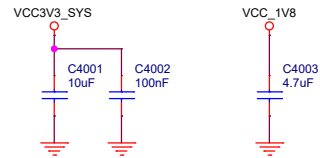
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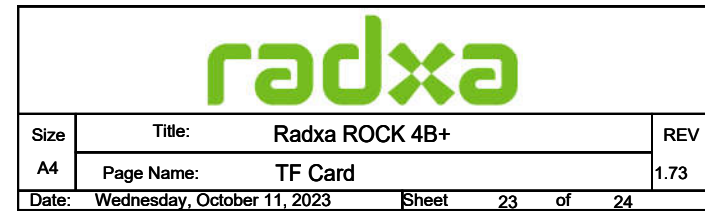
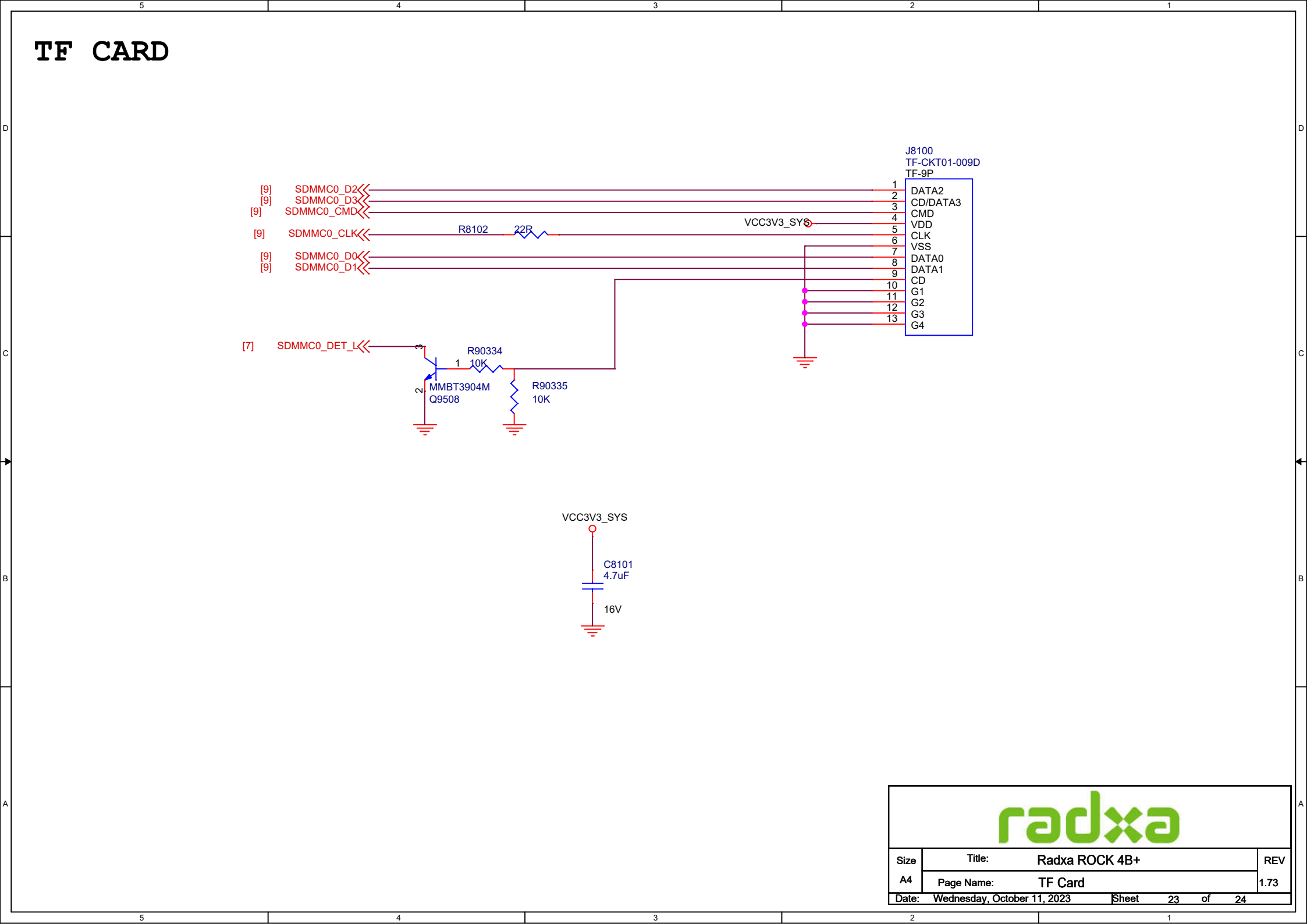
TF CARD

J8100
TF-CKT01-009D
TF-9P

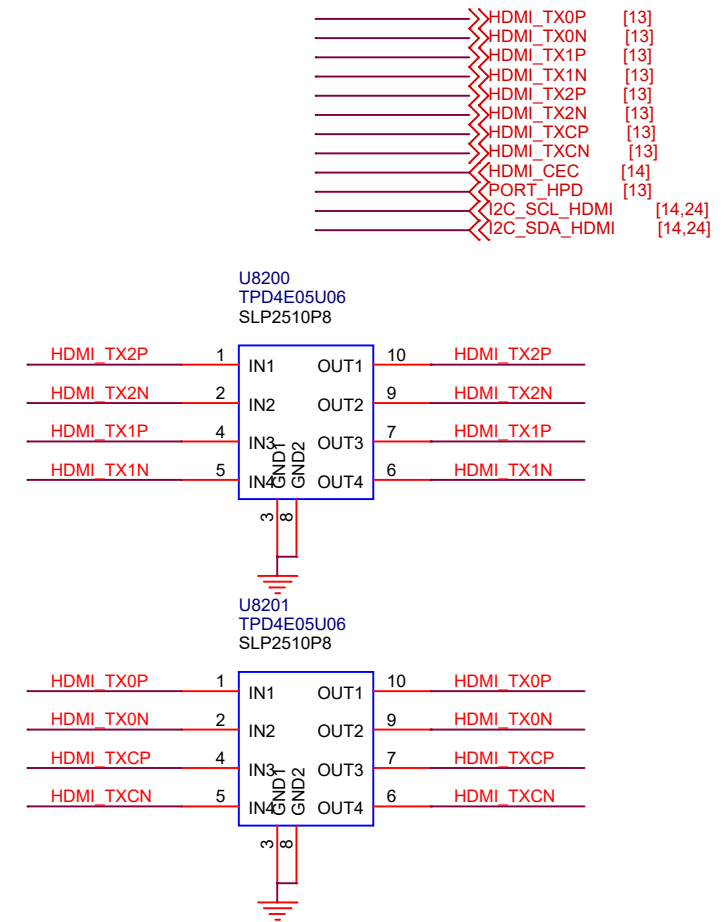
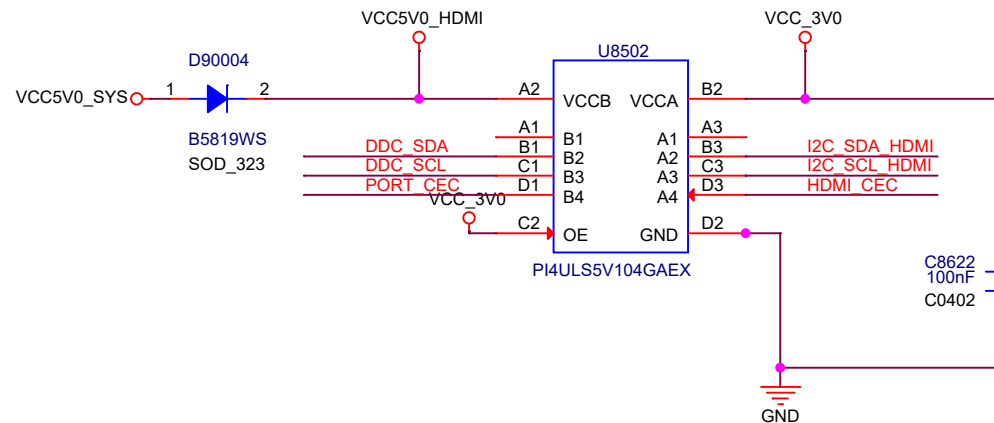
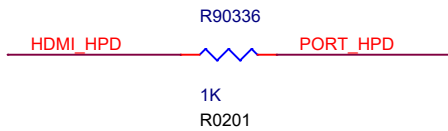
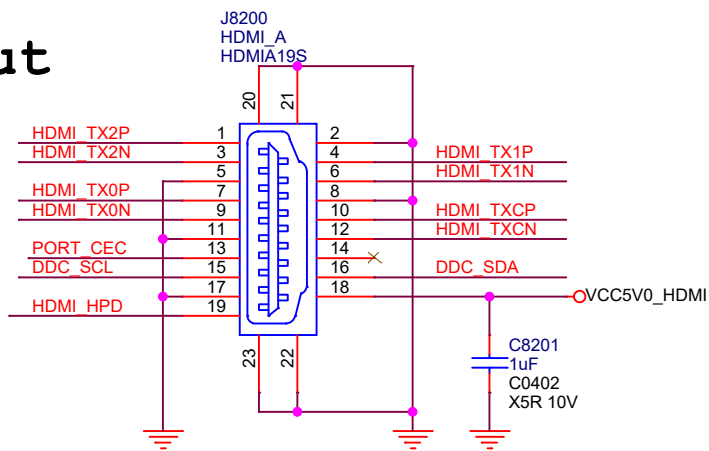
1 DATA2
2 CD/DATA3
3 CMD
4 VDD
5 CLK
6 VSS
7 DATA0
8 DATA1
9 CD
10 G1
11 G2
12 G3
13 G4

[9] SDMMC0_D2
[9] SDMMC0_D3
[9] SDMMC0_CMD
[9] SDMMC0_CLK
[9] SDMMC0_D0
[9] SDMMC0_D1
[7] SDMMC0_DET_L

R8102 22R
R90334 10K
R90335 10K
MMBT3904M Q9508
C8101 4.7uF
16V
VCC3V3_SYS



HDMI Output



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