



# Radxa Cubie A5E

Schematic

V1.2

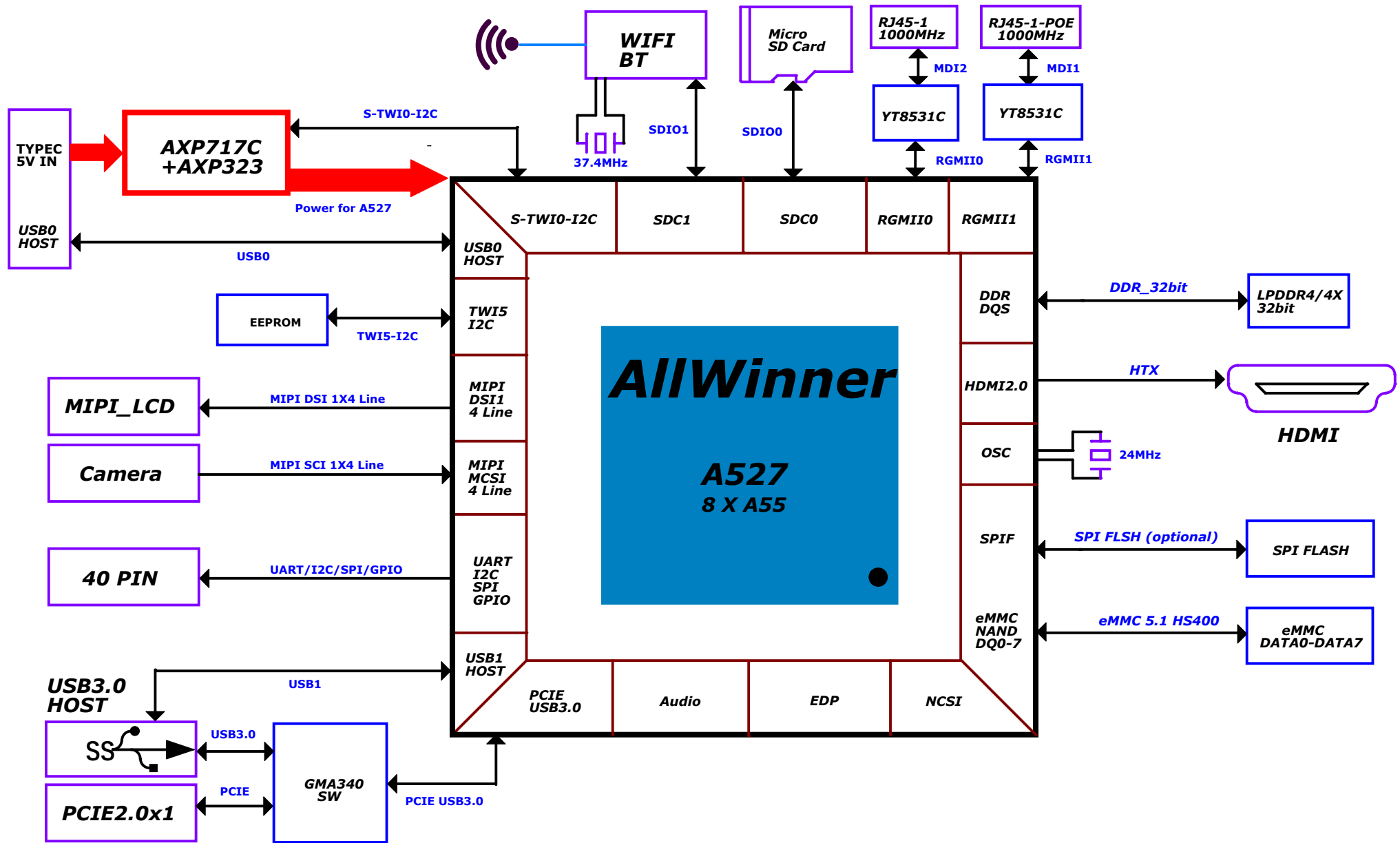
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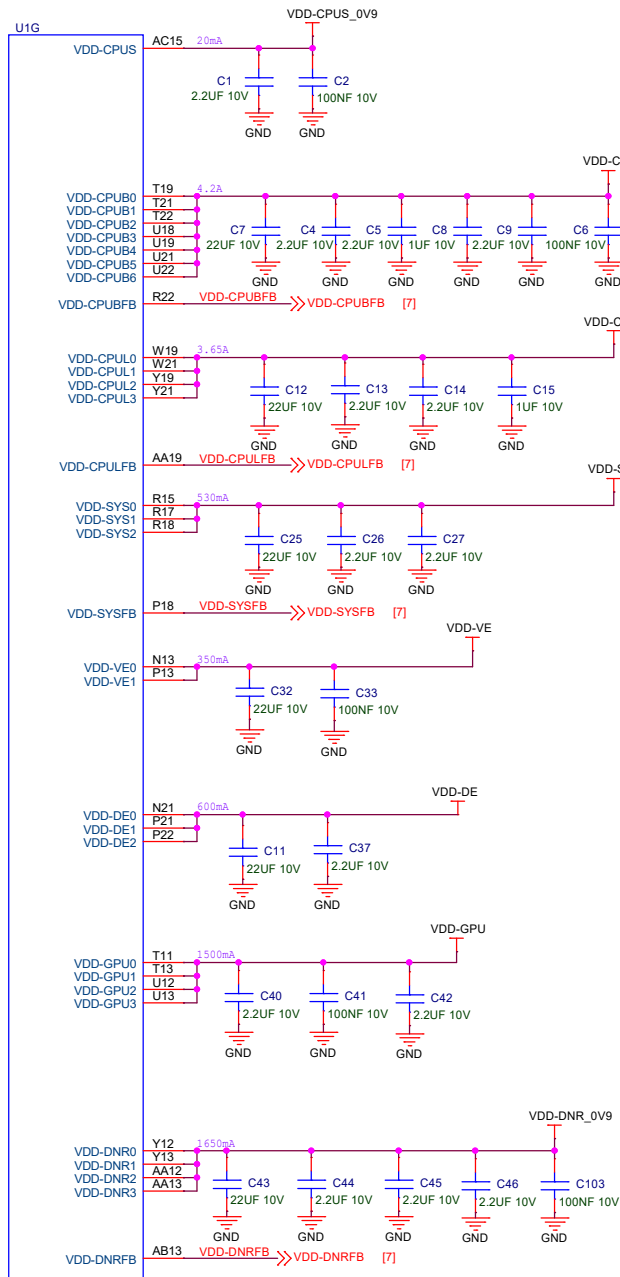


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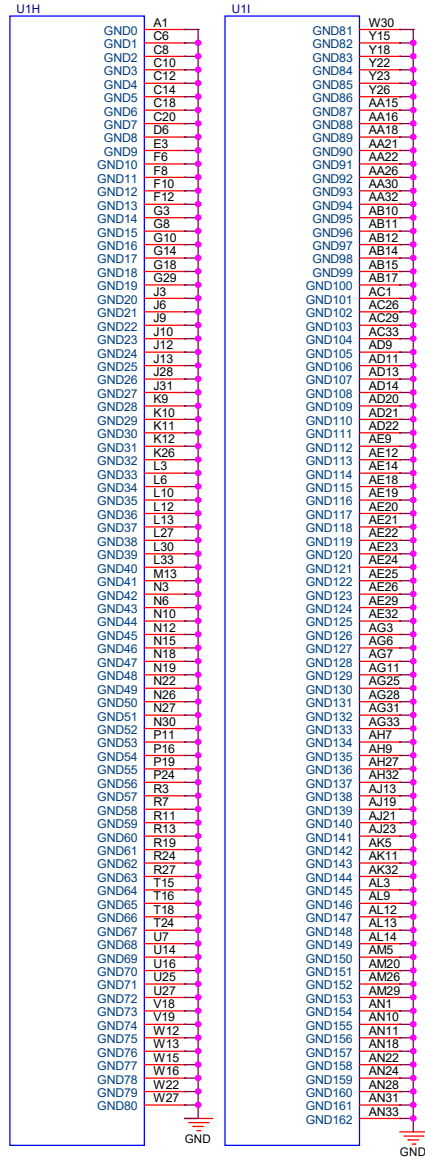
# Block Diagram



# CORE POWER



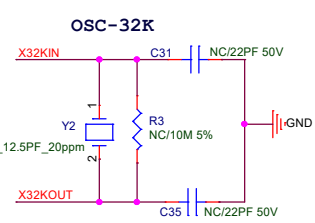
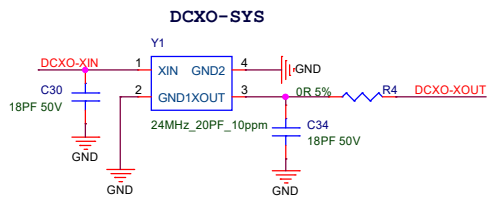
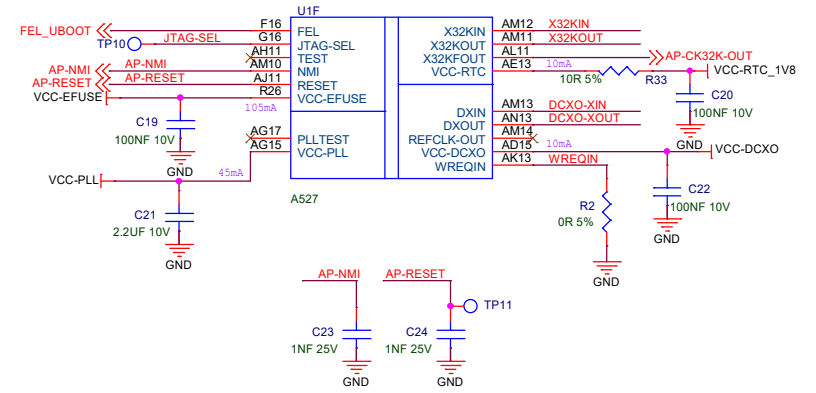
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# SYS





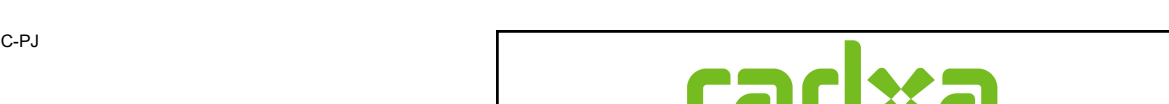
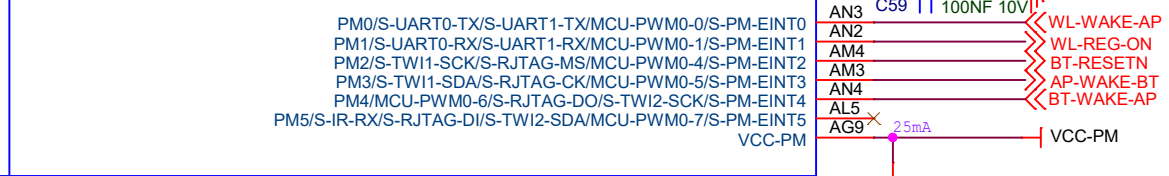
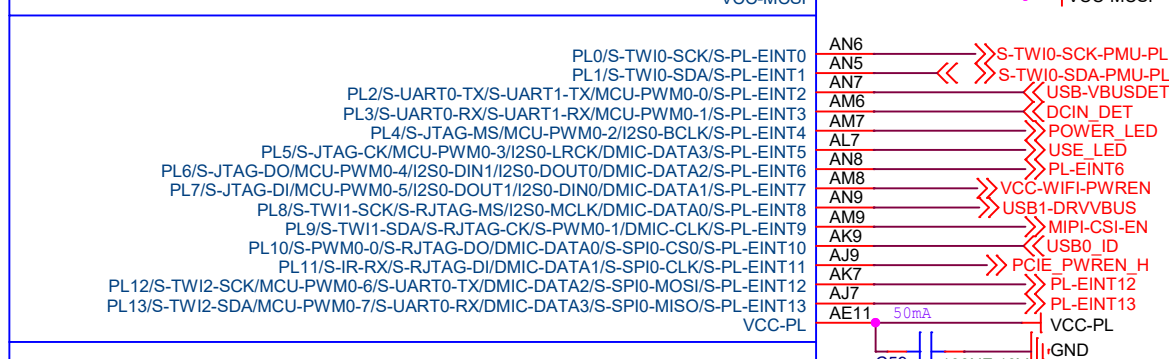
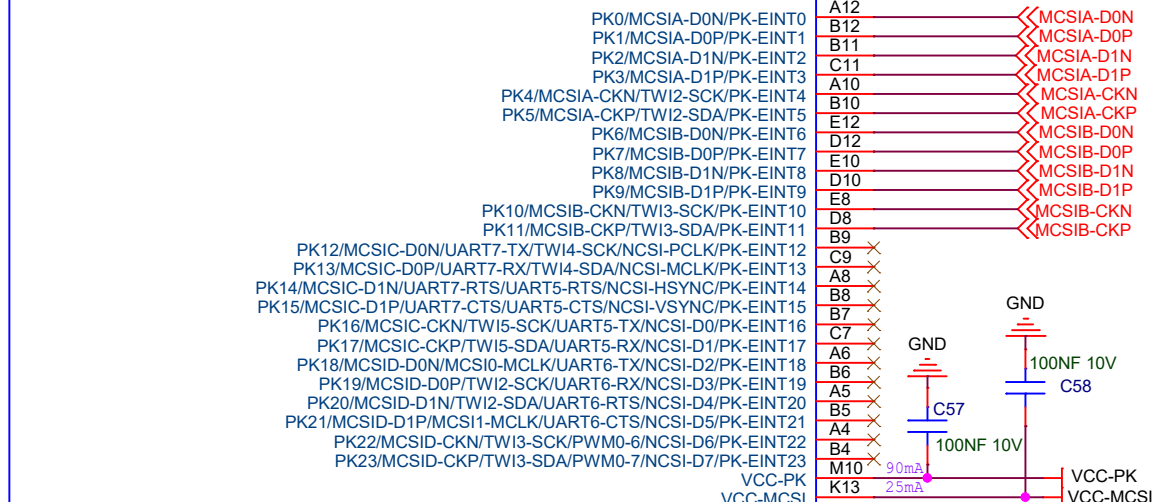
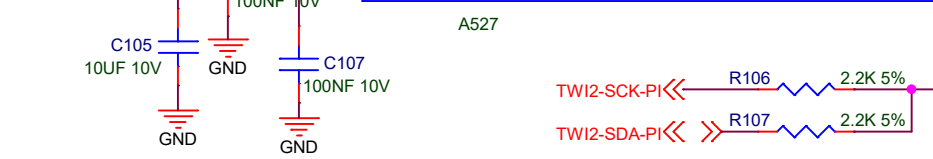
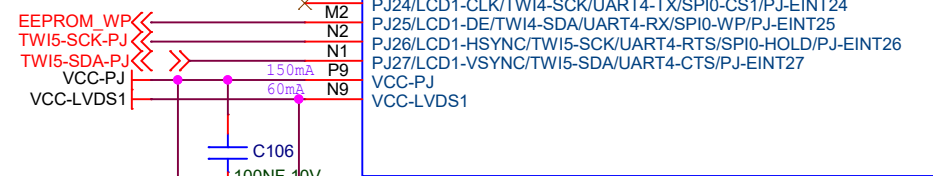
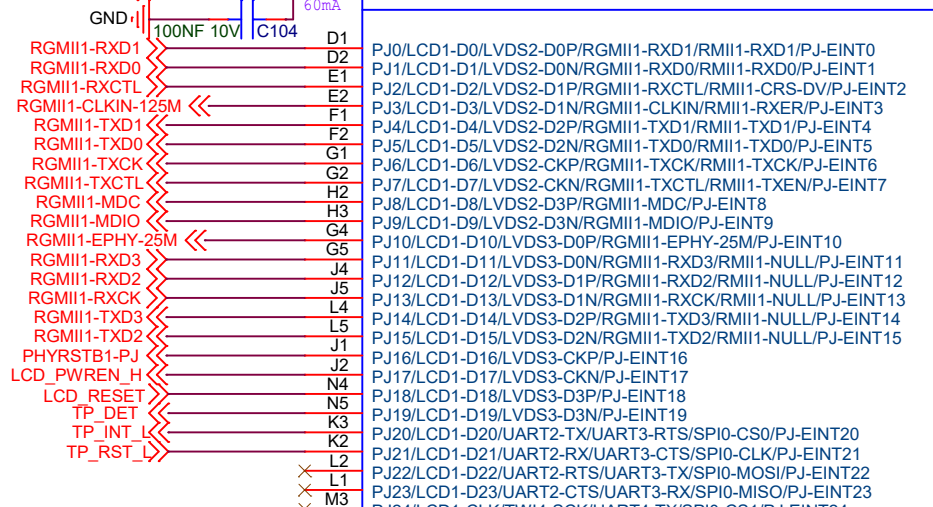
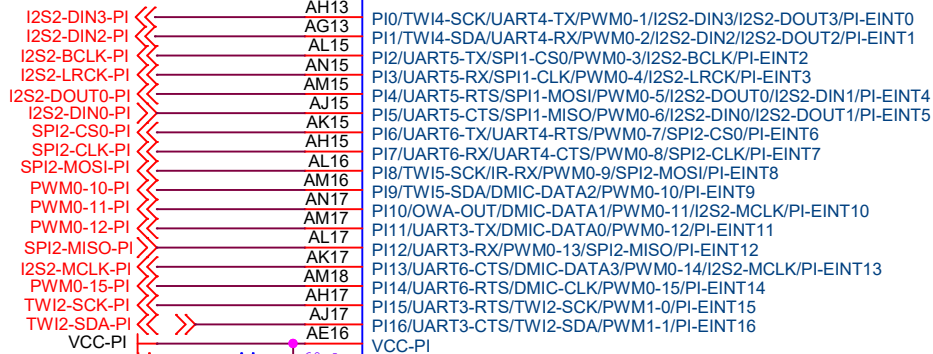
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# GPIO1



# GPIO2

U1C



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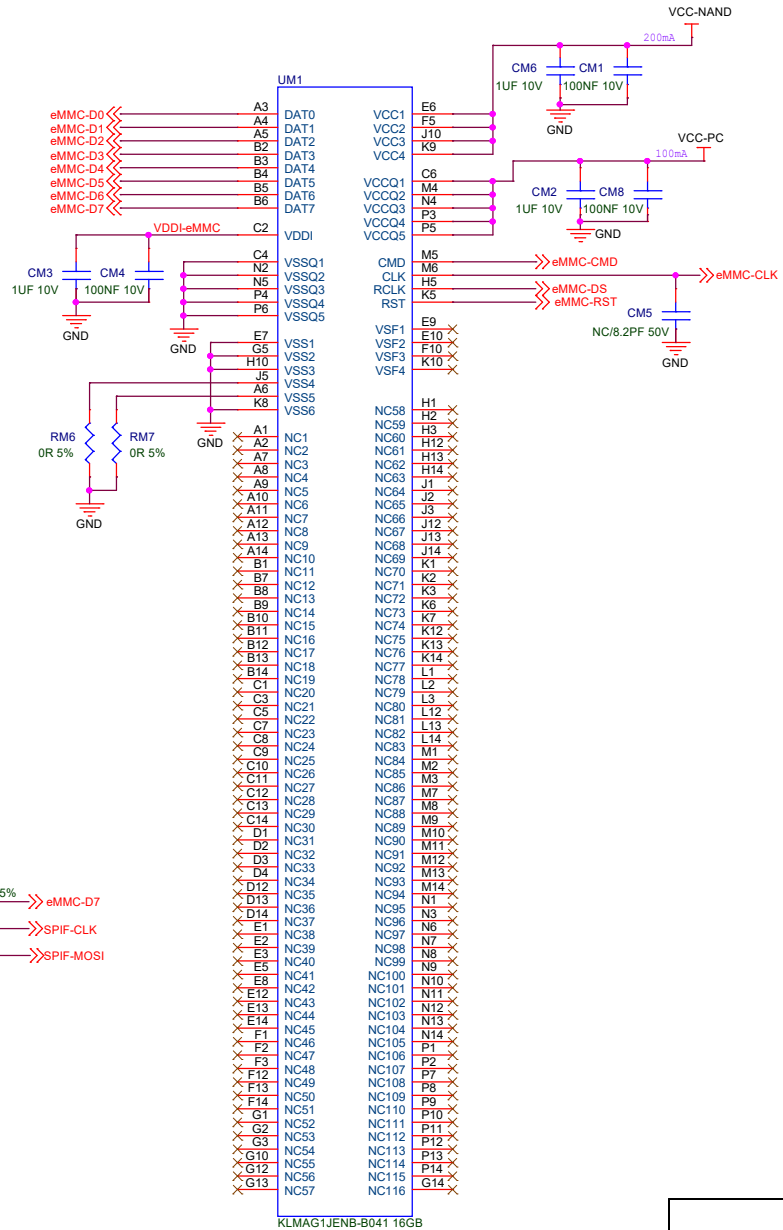
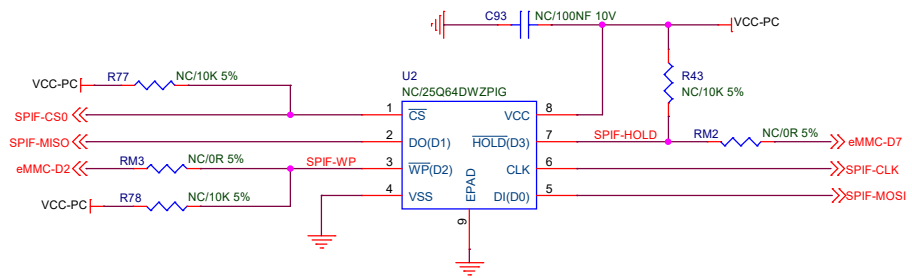
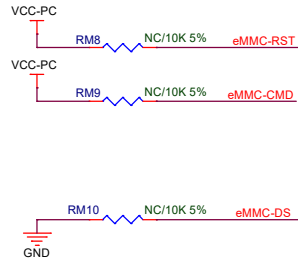




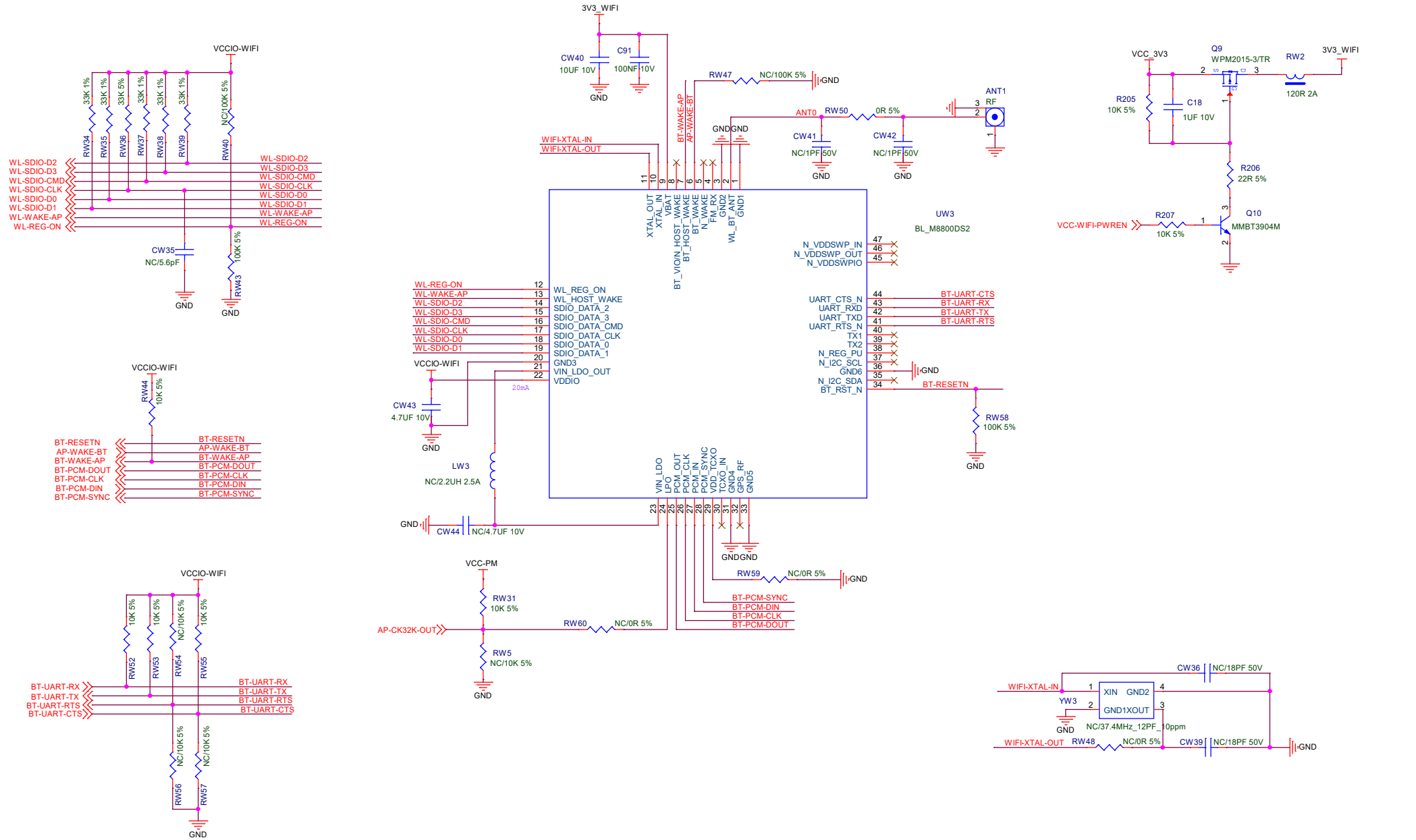




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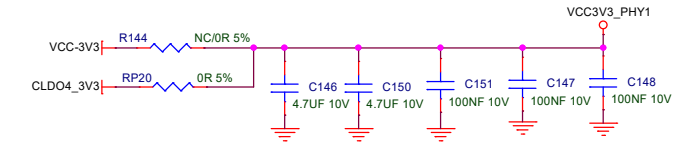
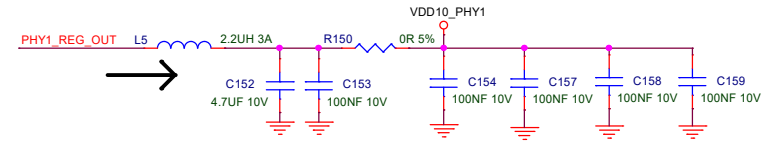
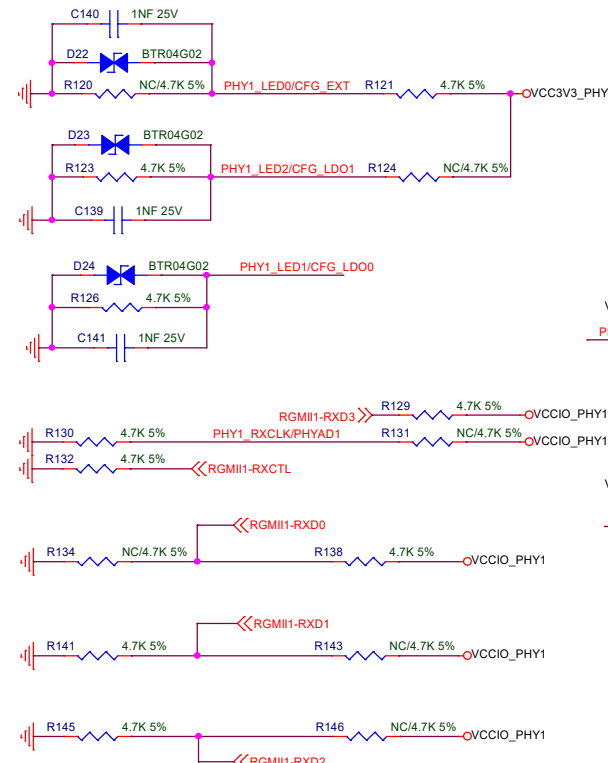
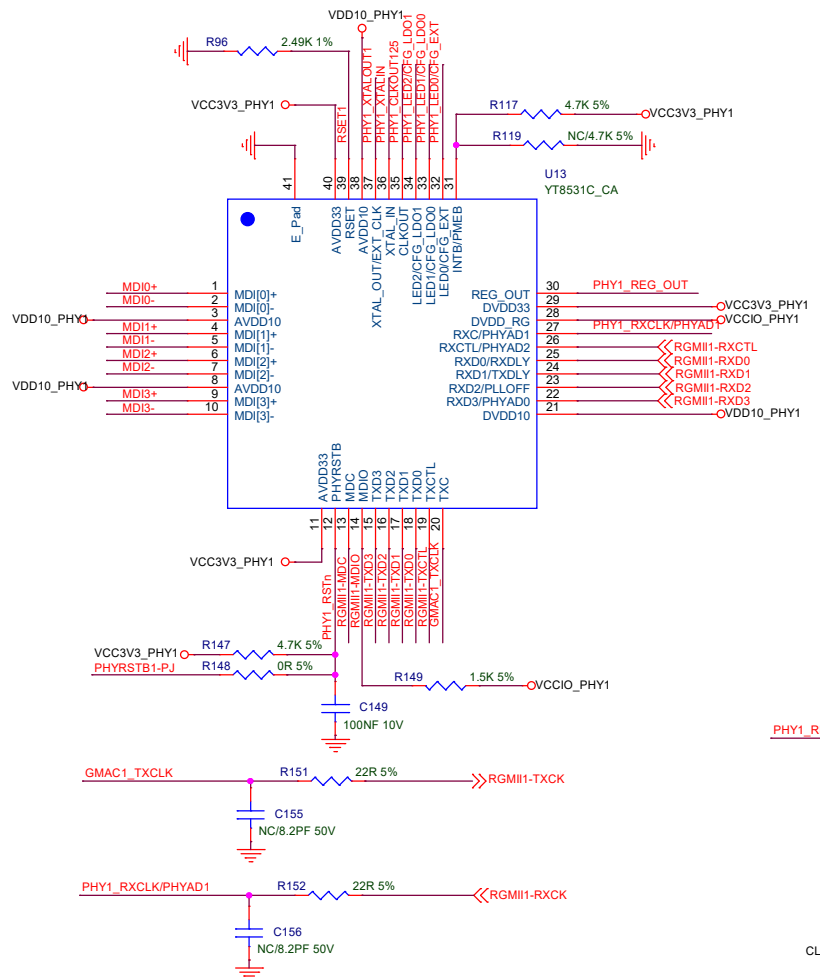
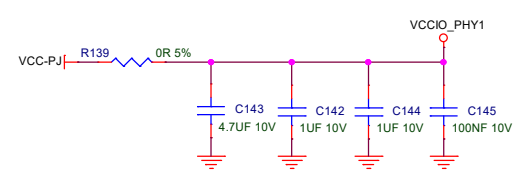
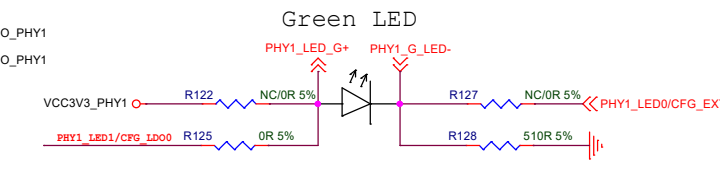
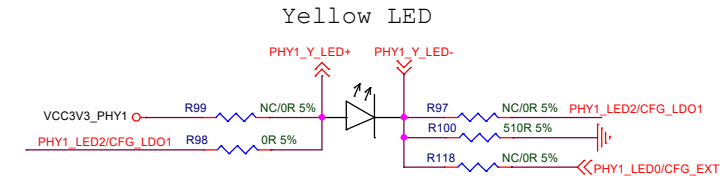
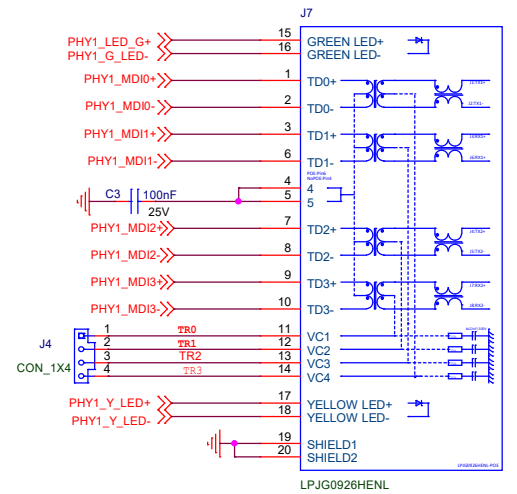
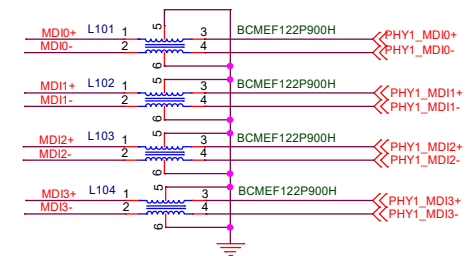
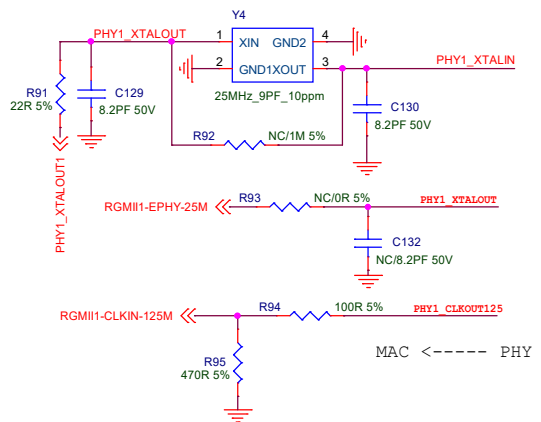
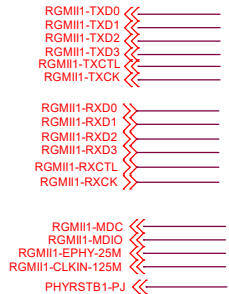


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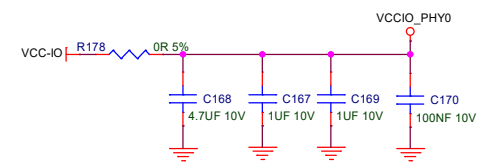
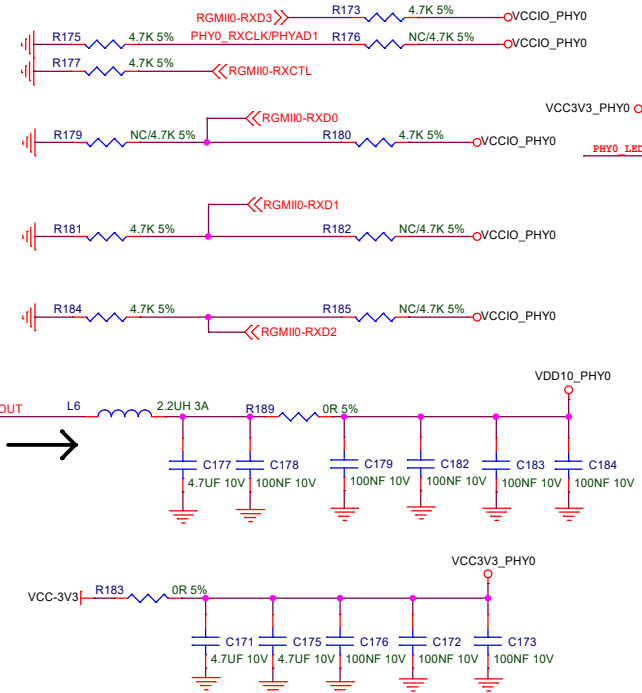
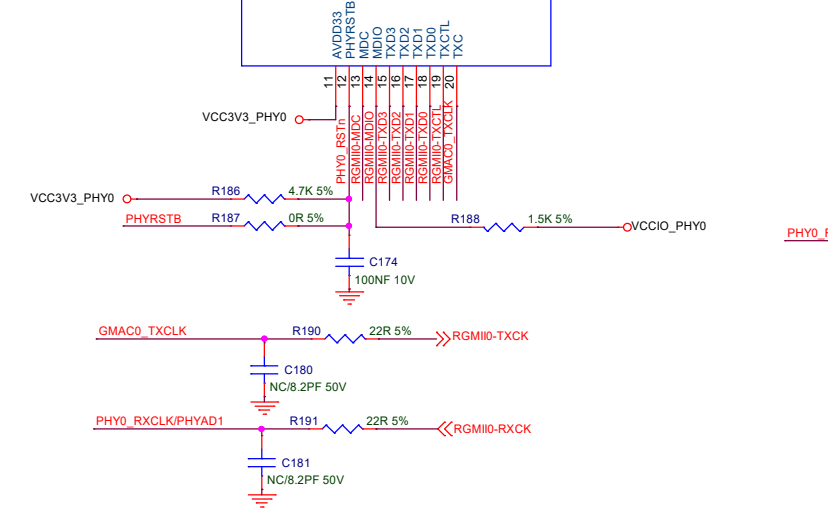
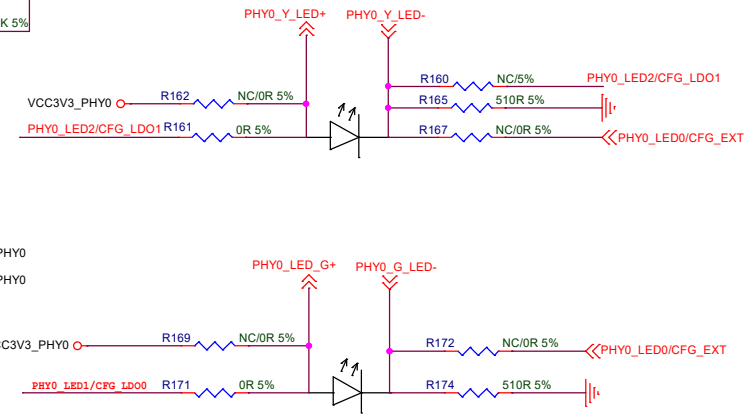
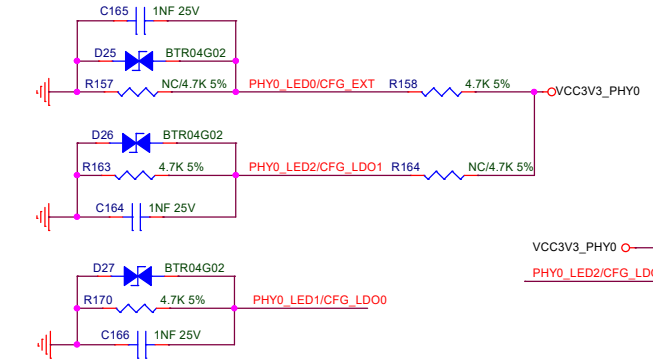
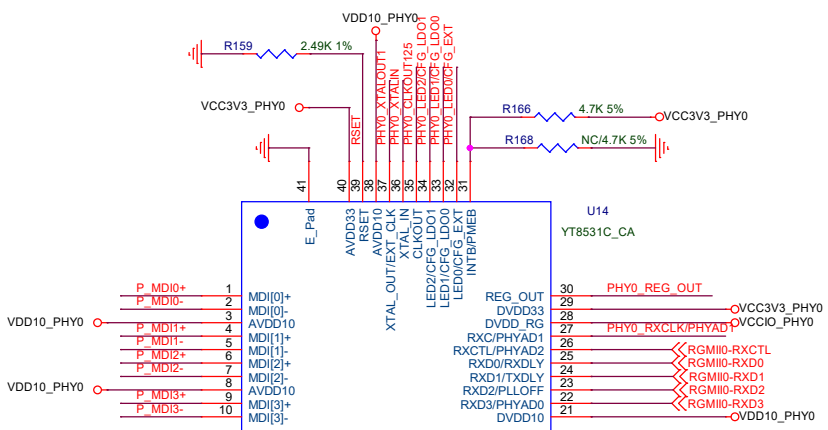
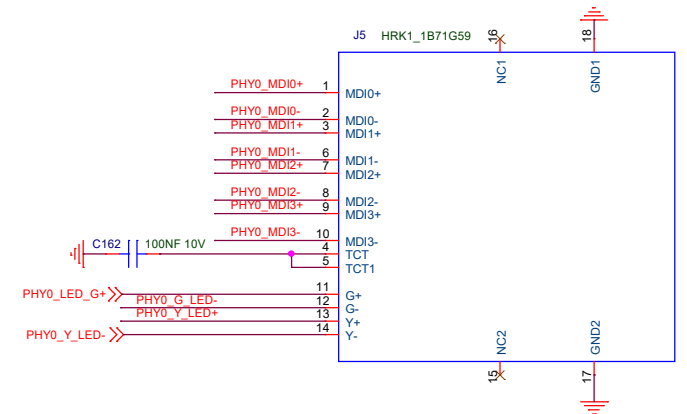
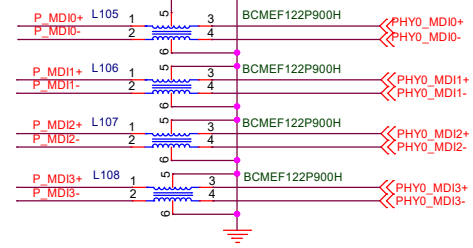
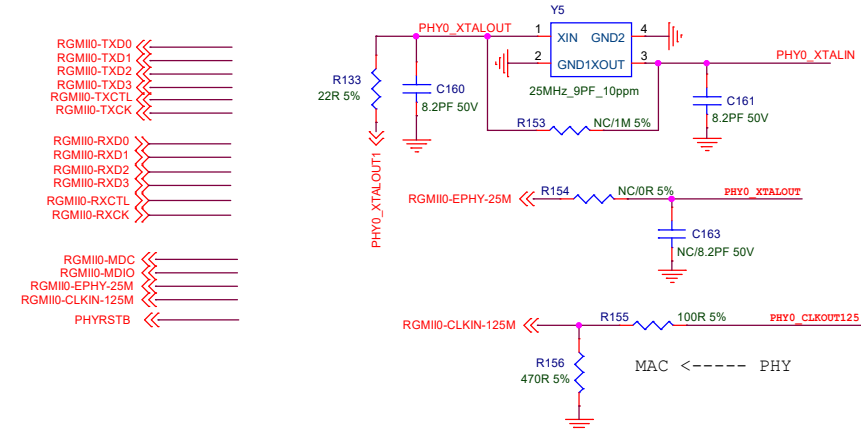



# ETHERNET\_1\_POE



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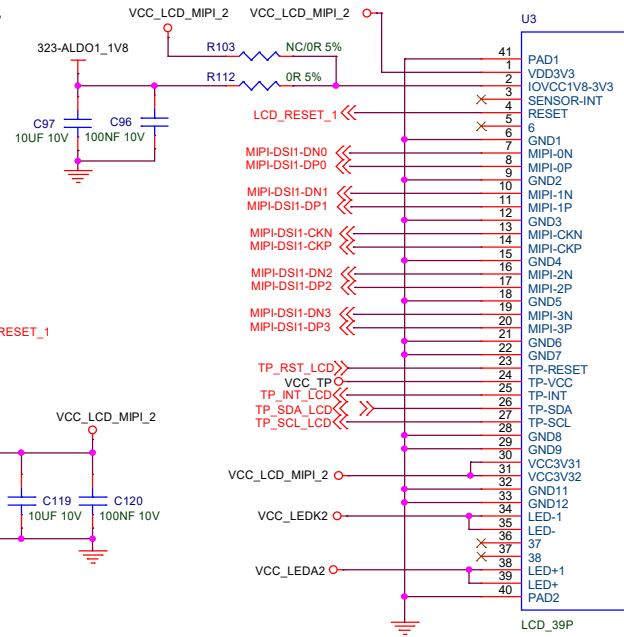
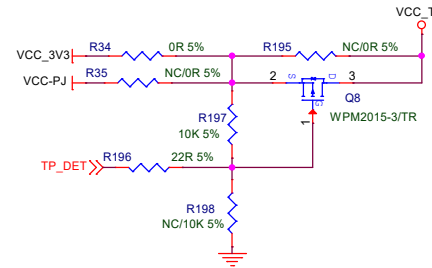
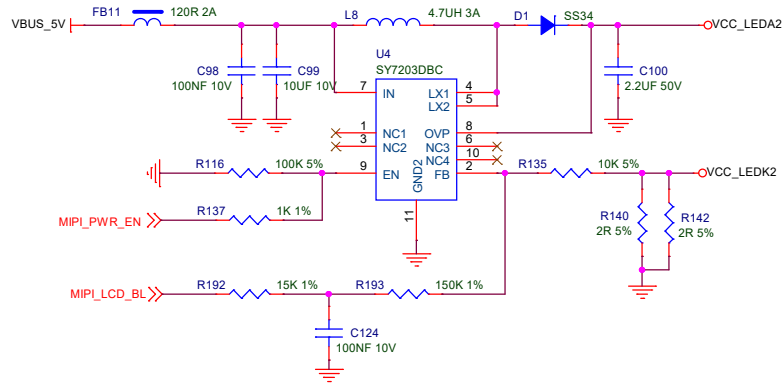




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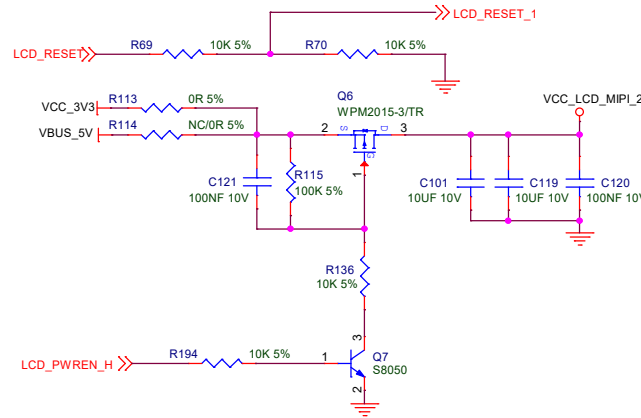
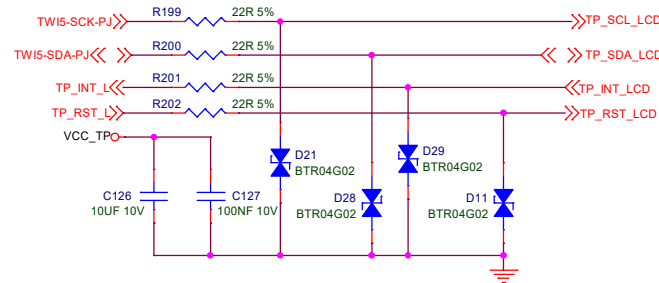


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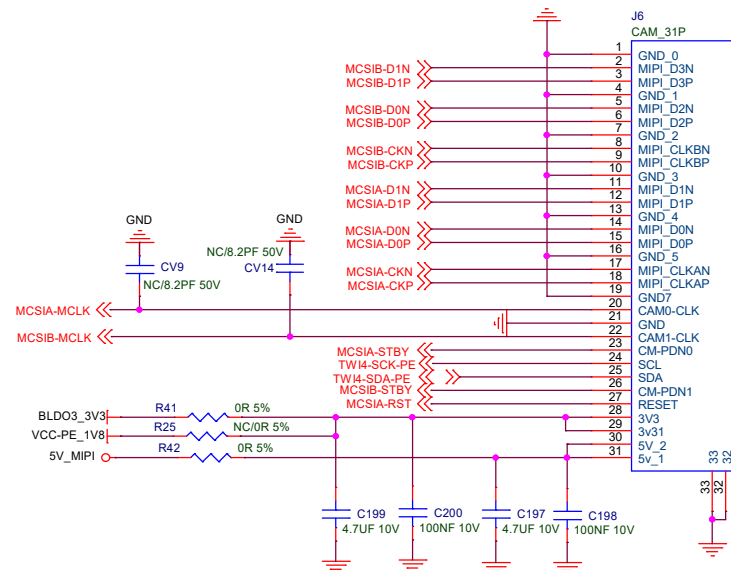
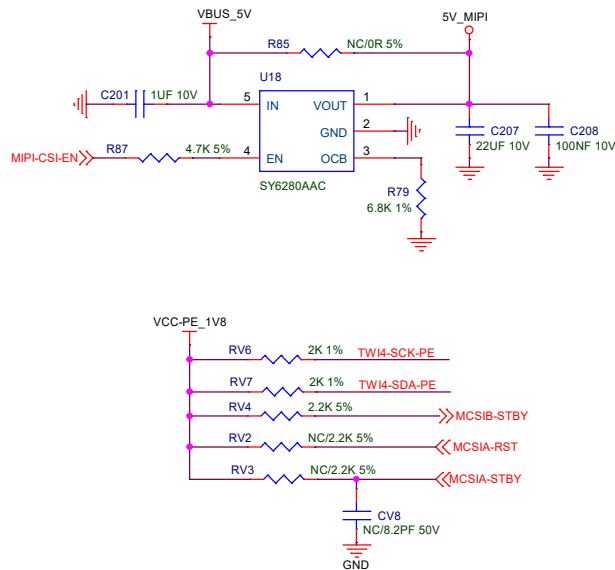


Pin	Signal
1	PAD1
2	VDD3V3
3	I/OVCC1V8-3V3
4	SENSOR-INT
5	RESET
6	GND1
7	MIPI-0N
8	MIPI-0P
9	GND2
10	MIPI-1N
11	MIPI-1P
12	GND3
13	MIPI-CKN
14	MIPI-CKP
15	GND4
16	MIPI-2N
17	MIPI-2P
18	GND5
19	MIPI-3N
20	MIPI-3P
21	GND6
22	GND7
23	TP-RESET
24	TP-VCC
25	TP-INT
26	TP-SDA
27	TP-SCL
28	GND8
29	GND9
30	VCC3V31
31	VCC3V32
32	GND11
33	GND12
34	LED-1
35	LED-
36	LED+1
37	LED+
38	LED+1
39	LED+
40	PAD2

# LCD\_TP

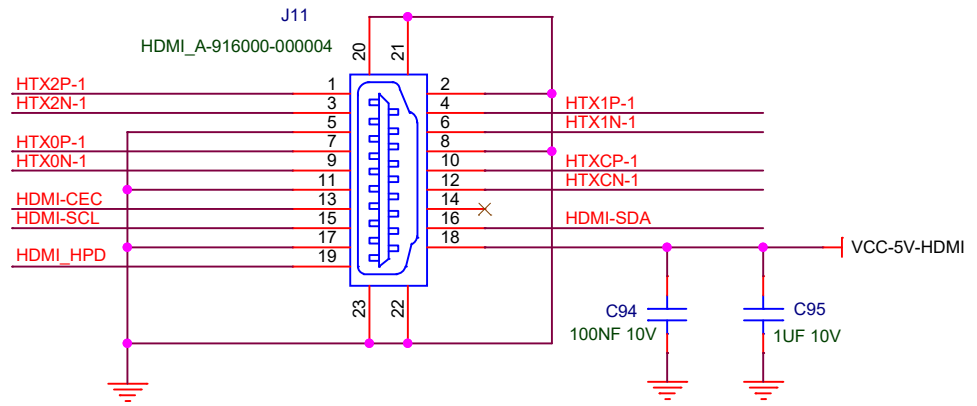
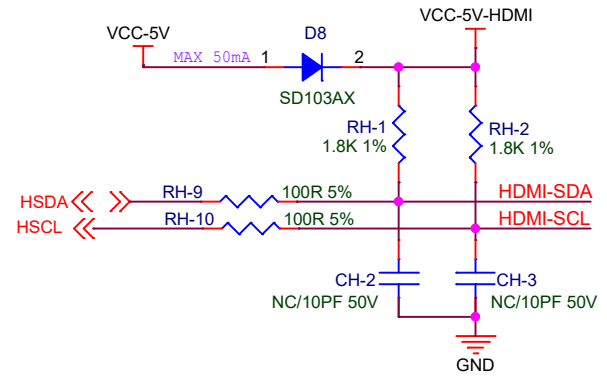
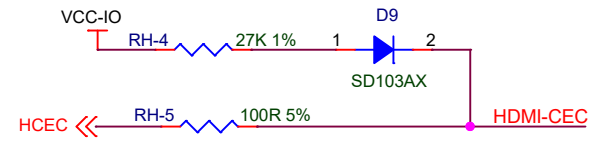
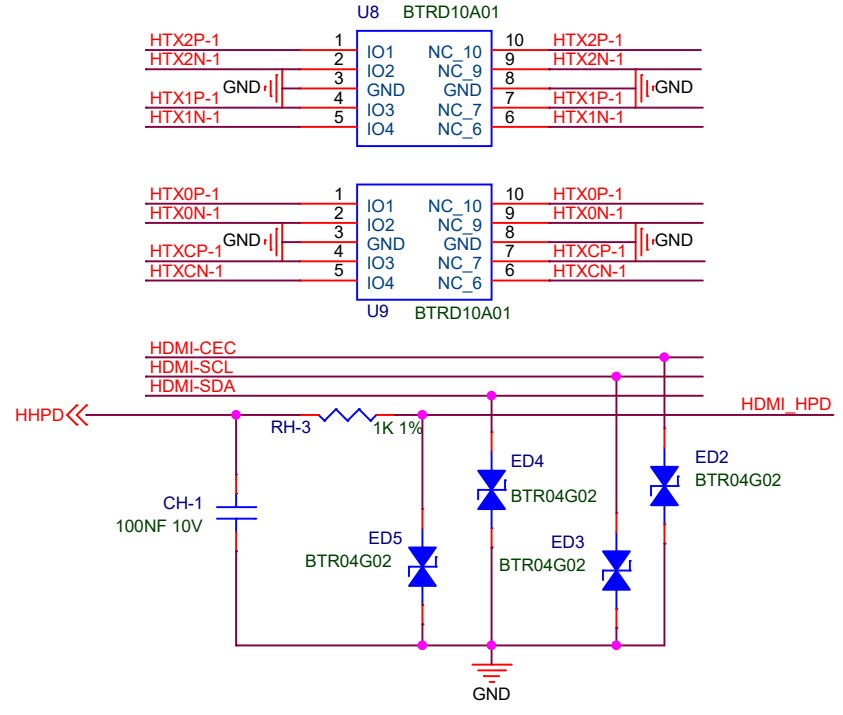
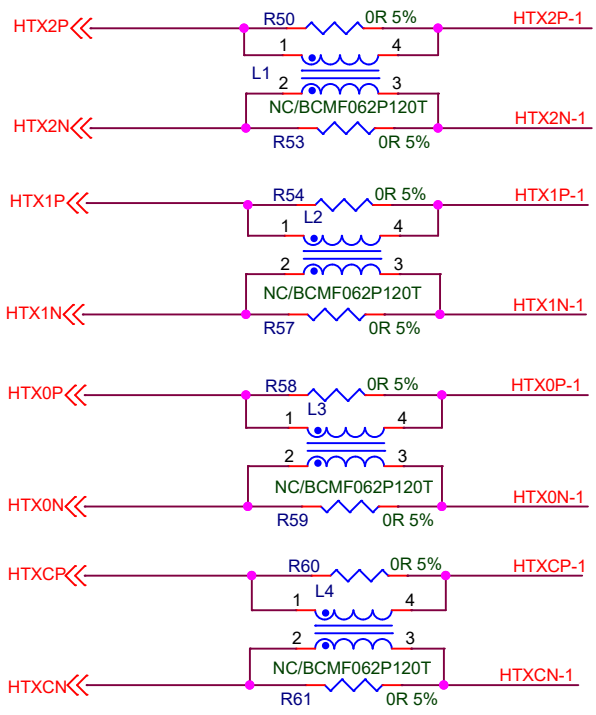


# Camera

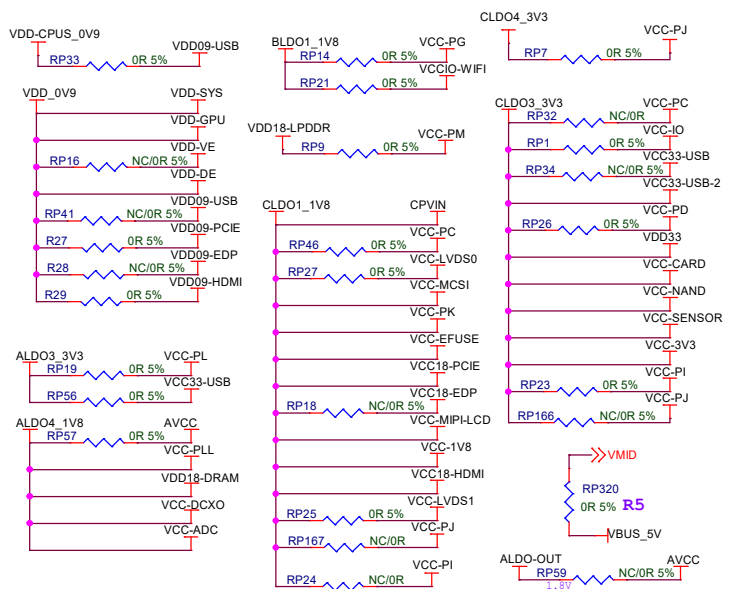




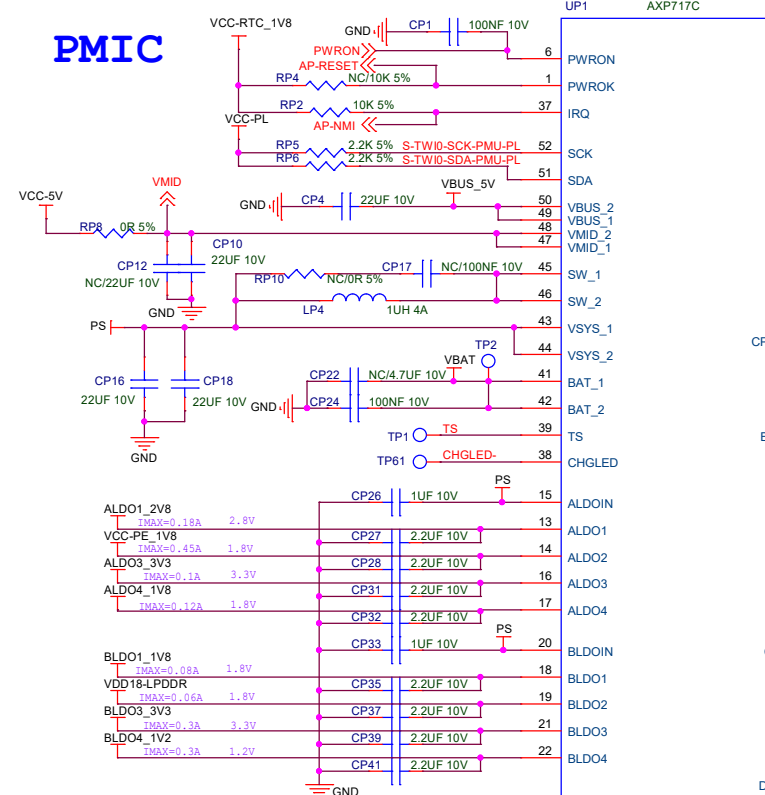
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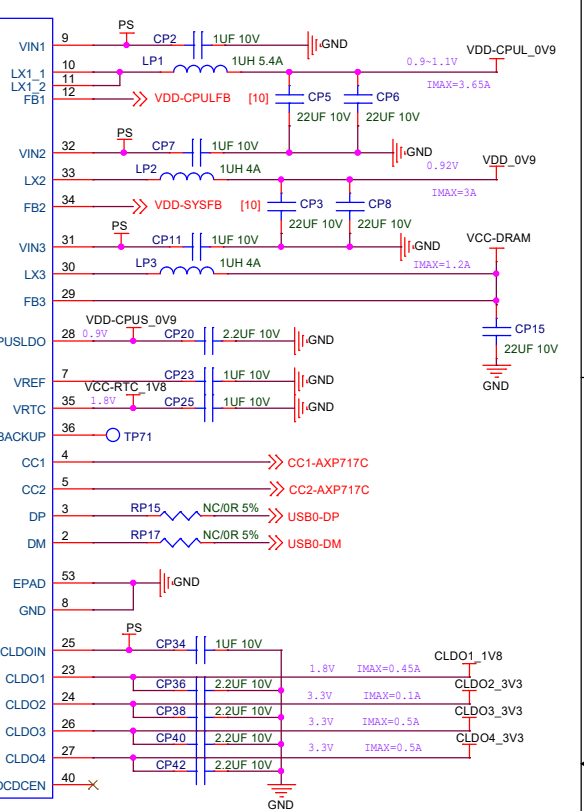
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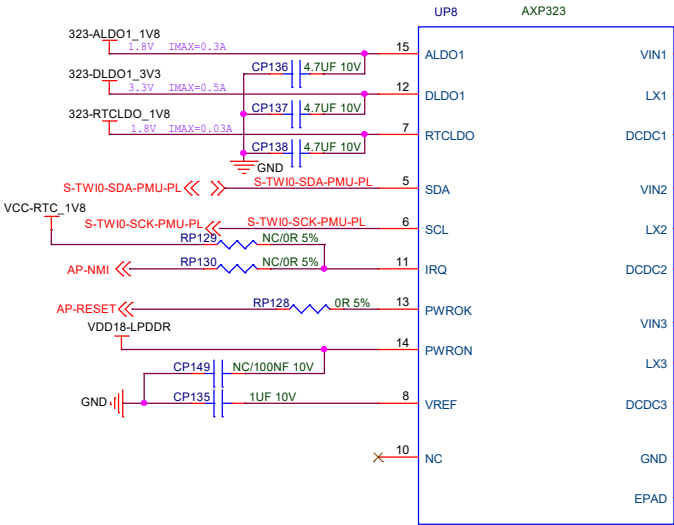
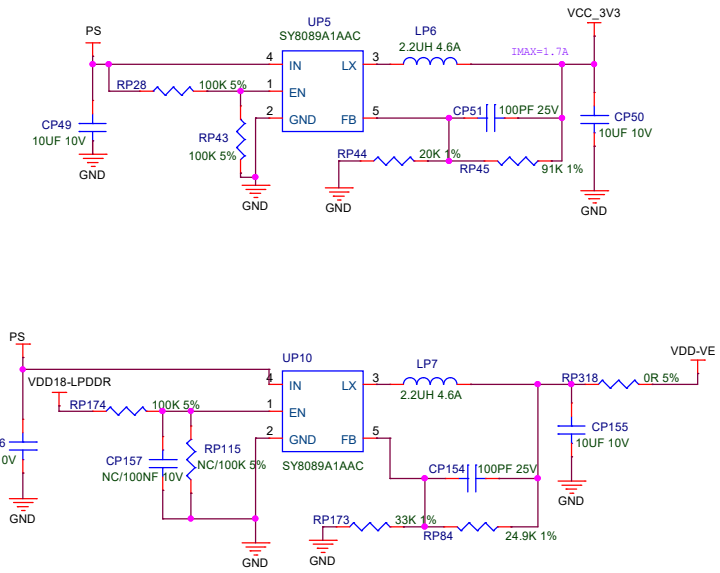
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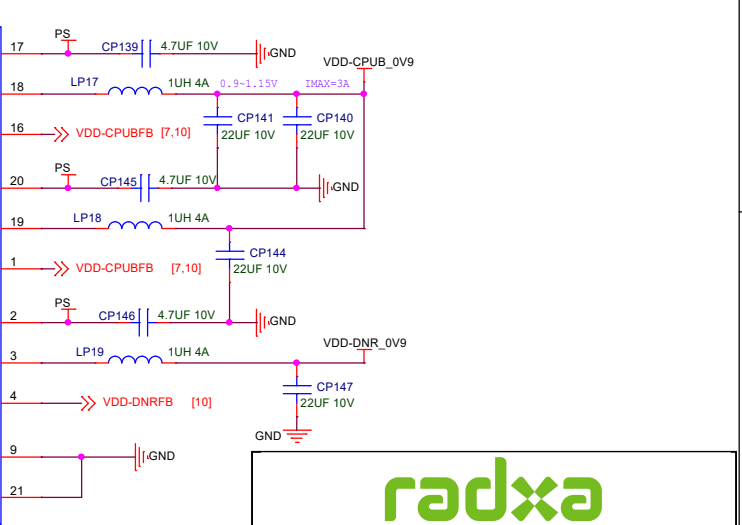
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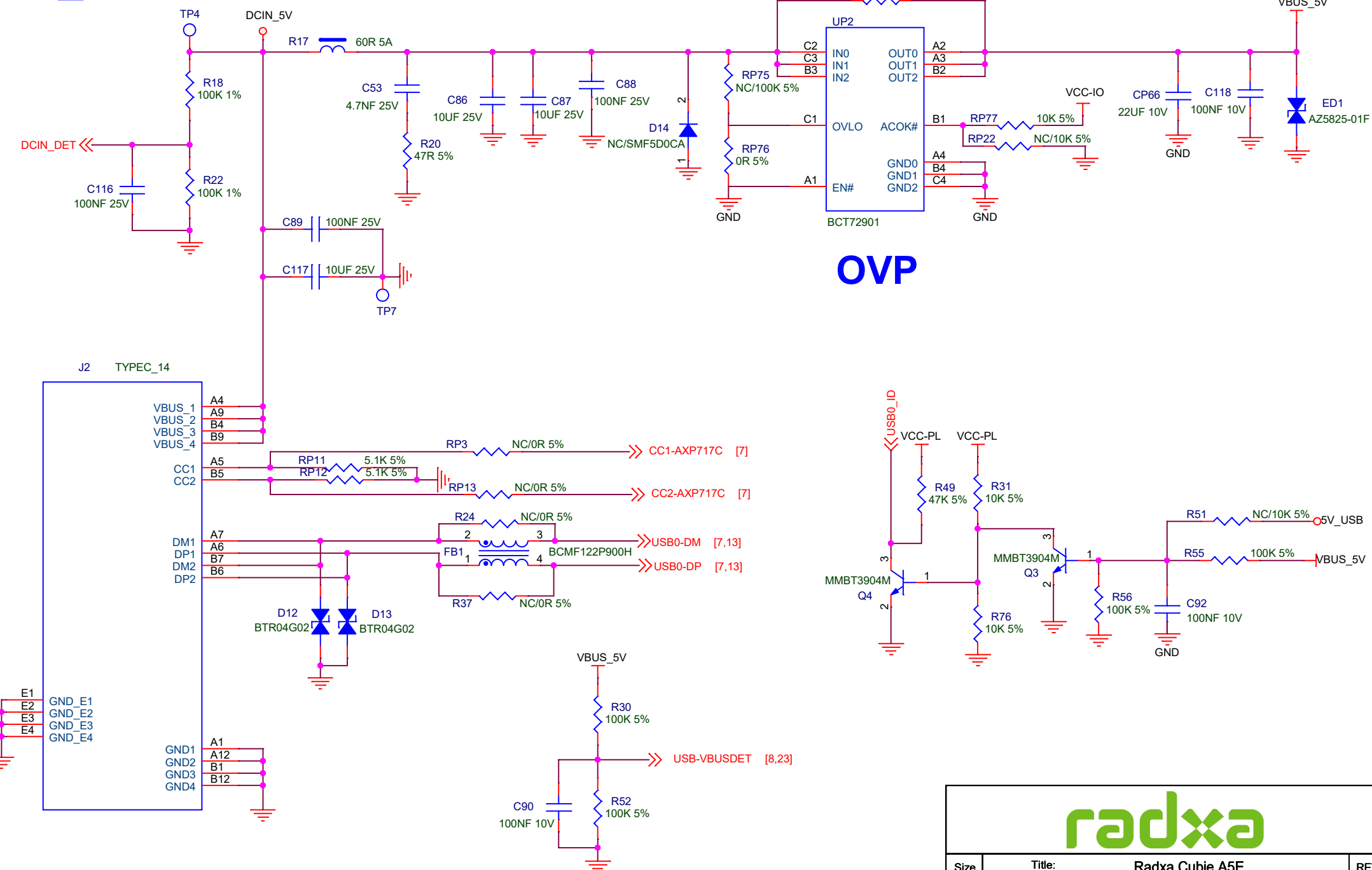


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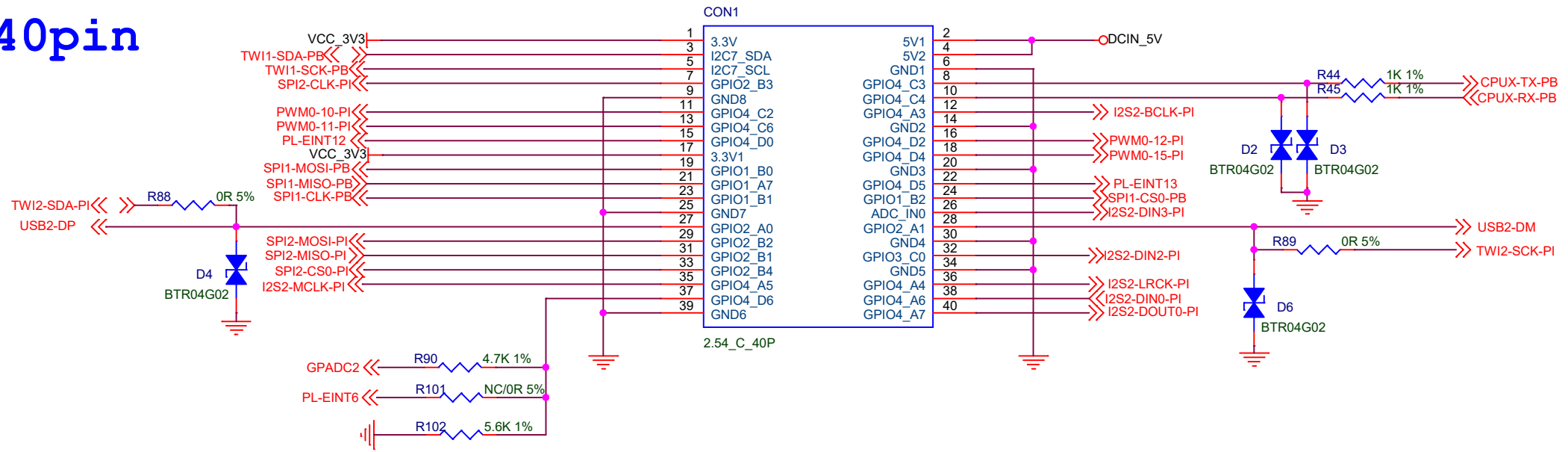


OVP

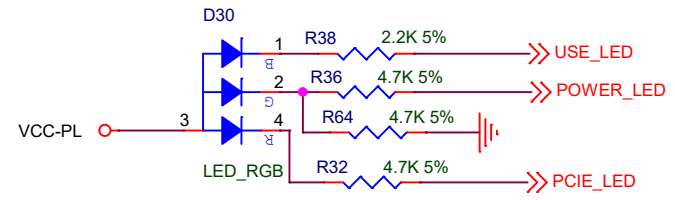


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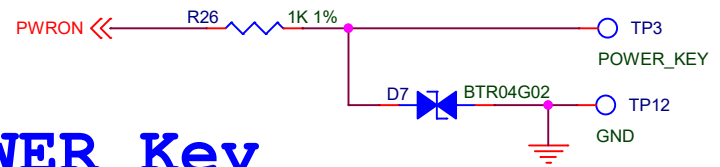
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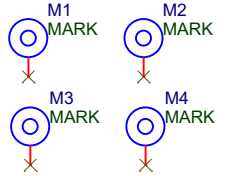
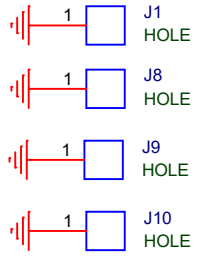
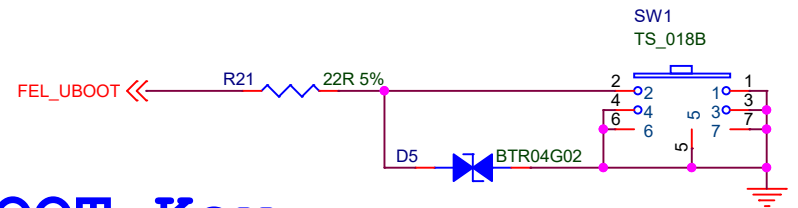
# LED




# POWER Key



# UBOOT Key





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