

P2132-A01

NVG GK208 DDR3 64BIT

DP + HDMI + VGA(Fly Cable)

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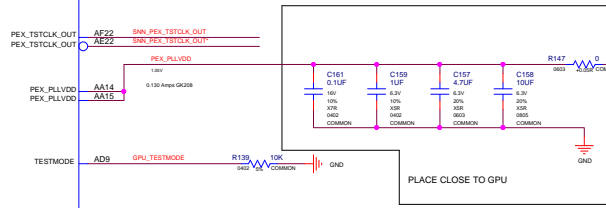
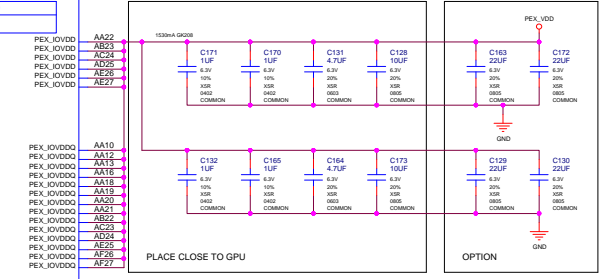
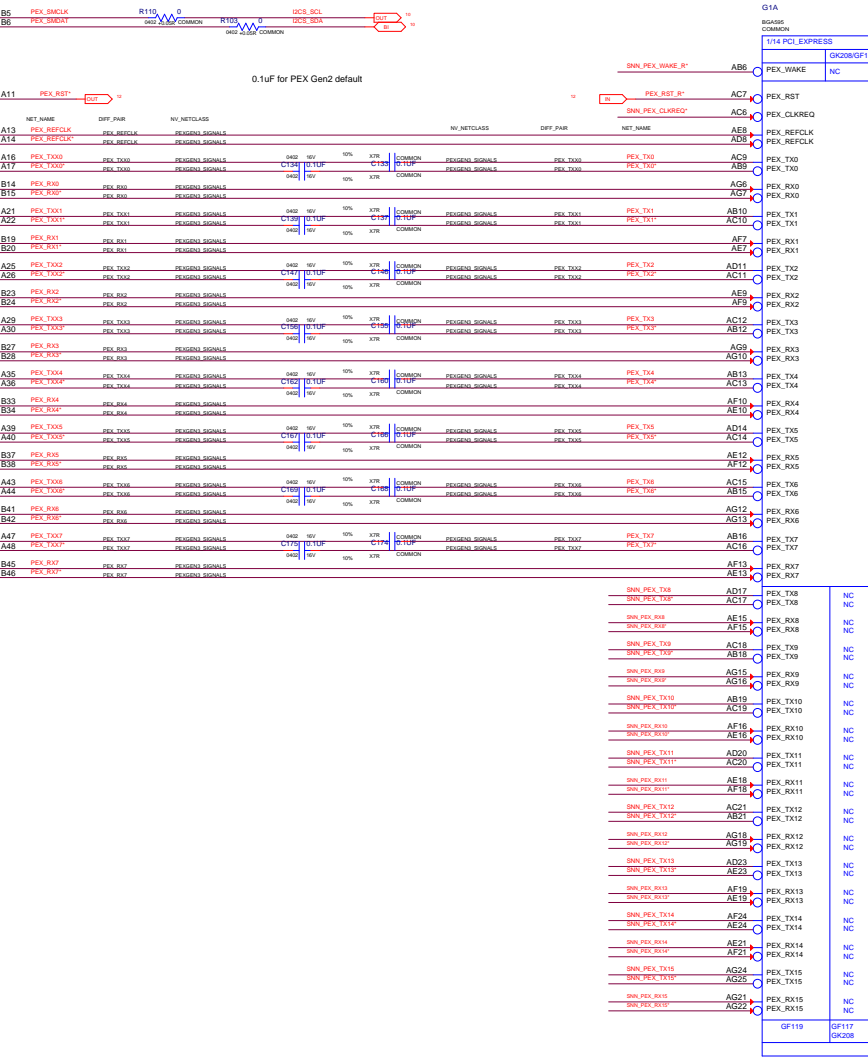
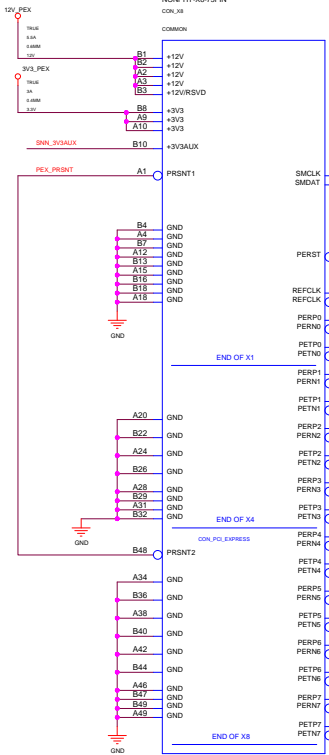
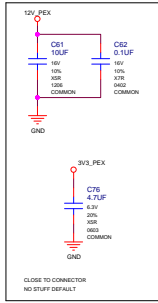
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PCI EXPRESS



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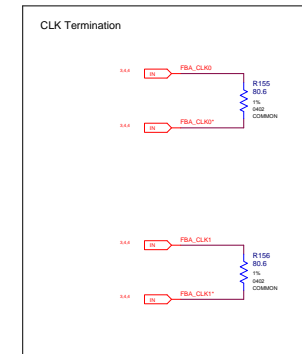
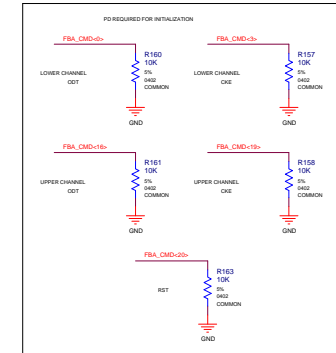
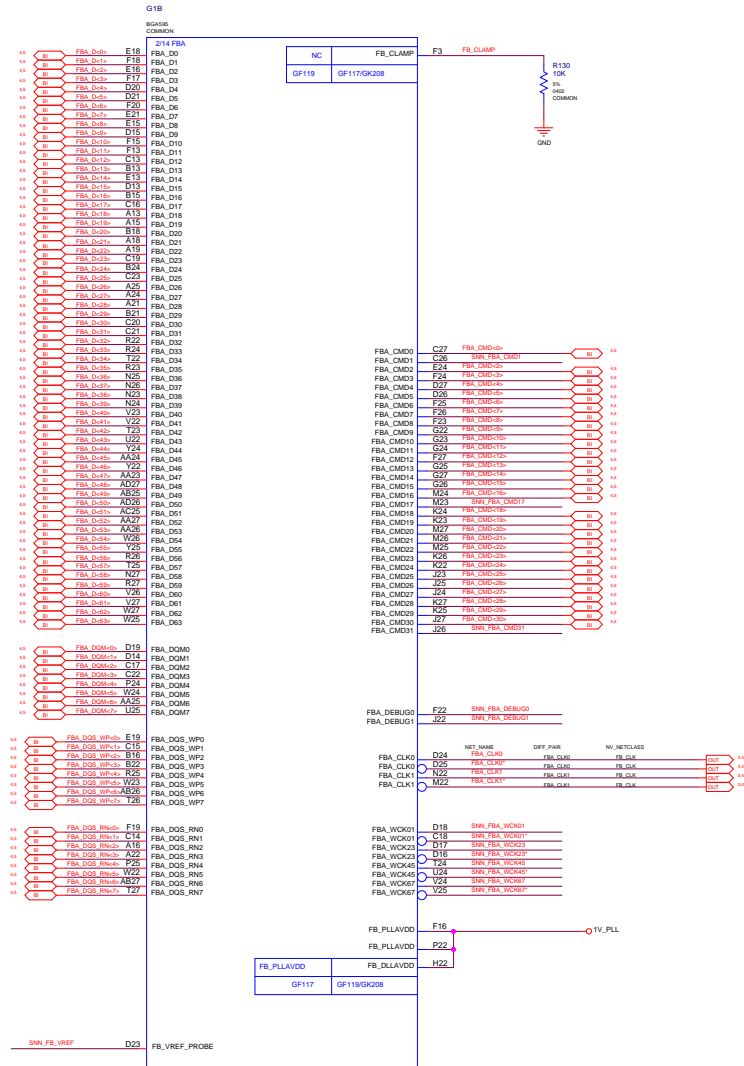
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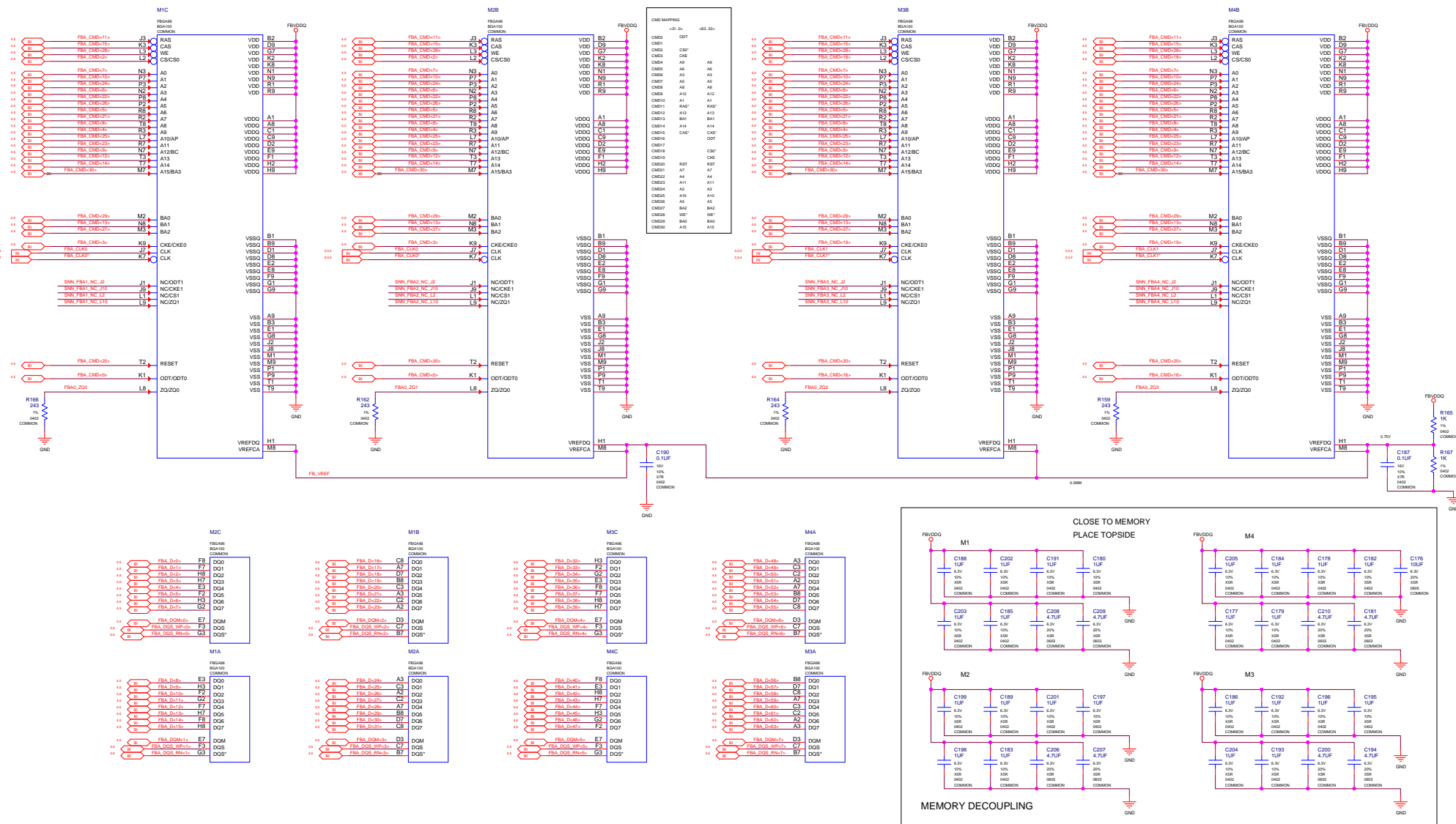


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GPU FRAME BUFFER: PARTITION A



DDR3 Memories



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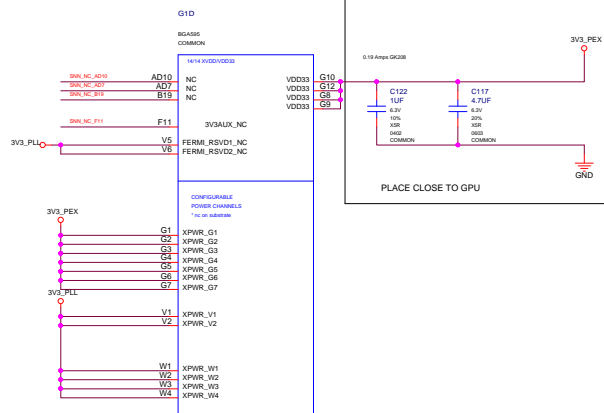
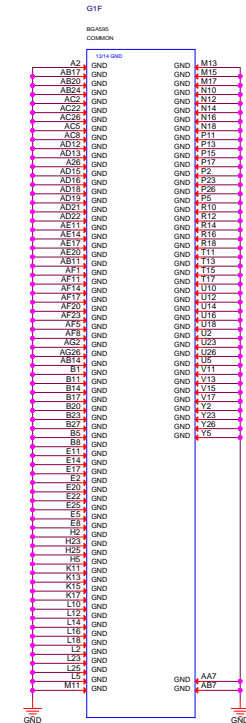
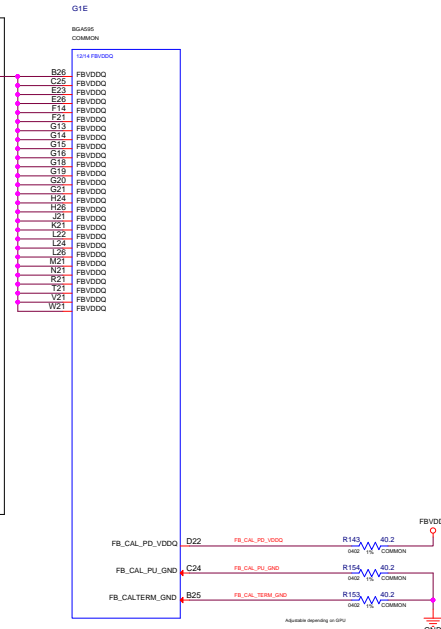
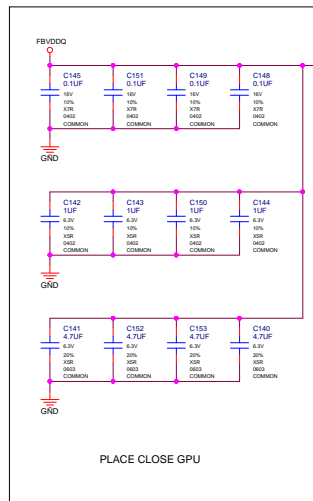
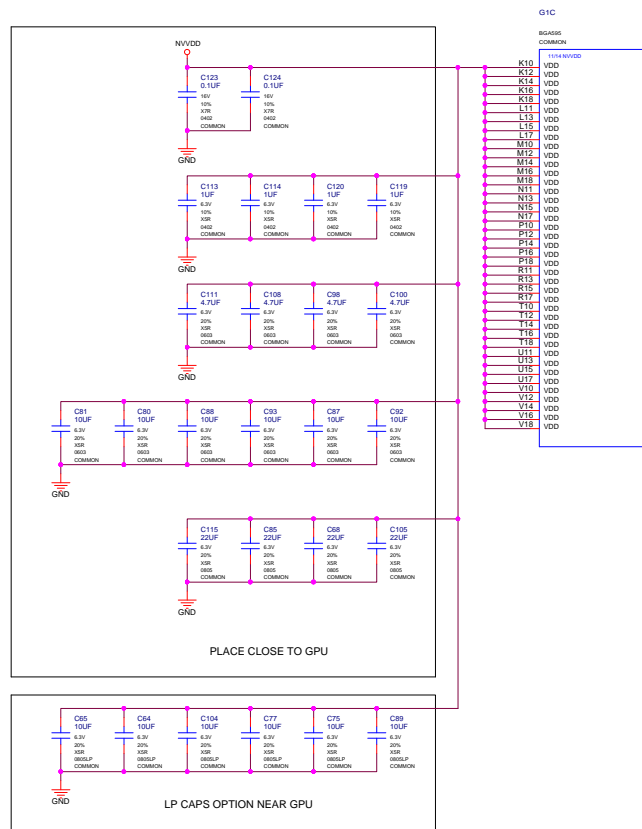


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DECOUPLING FOR CORE POWER_TOP

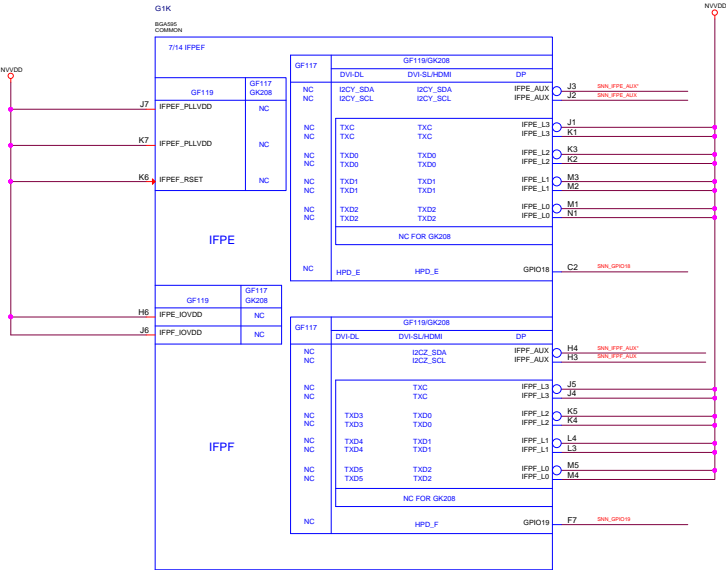
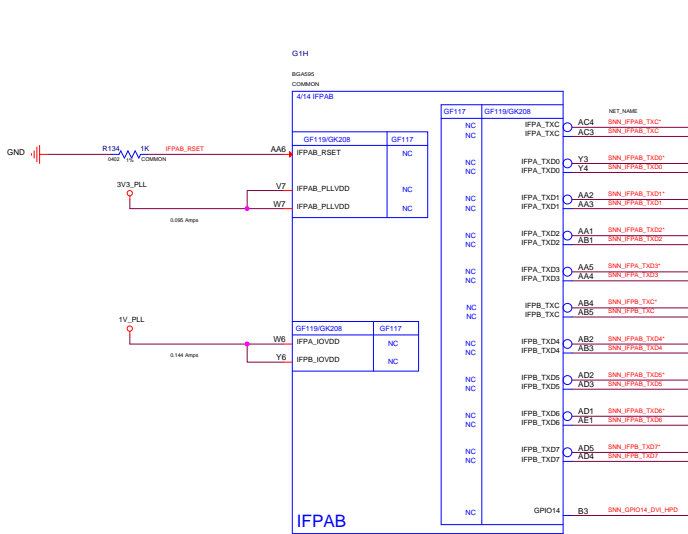




GK208 GB2-64 package only supports
DACA, so one SKU can only have
one VGA output: North or South.

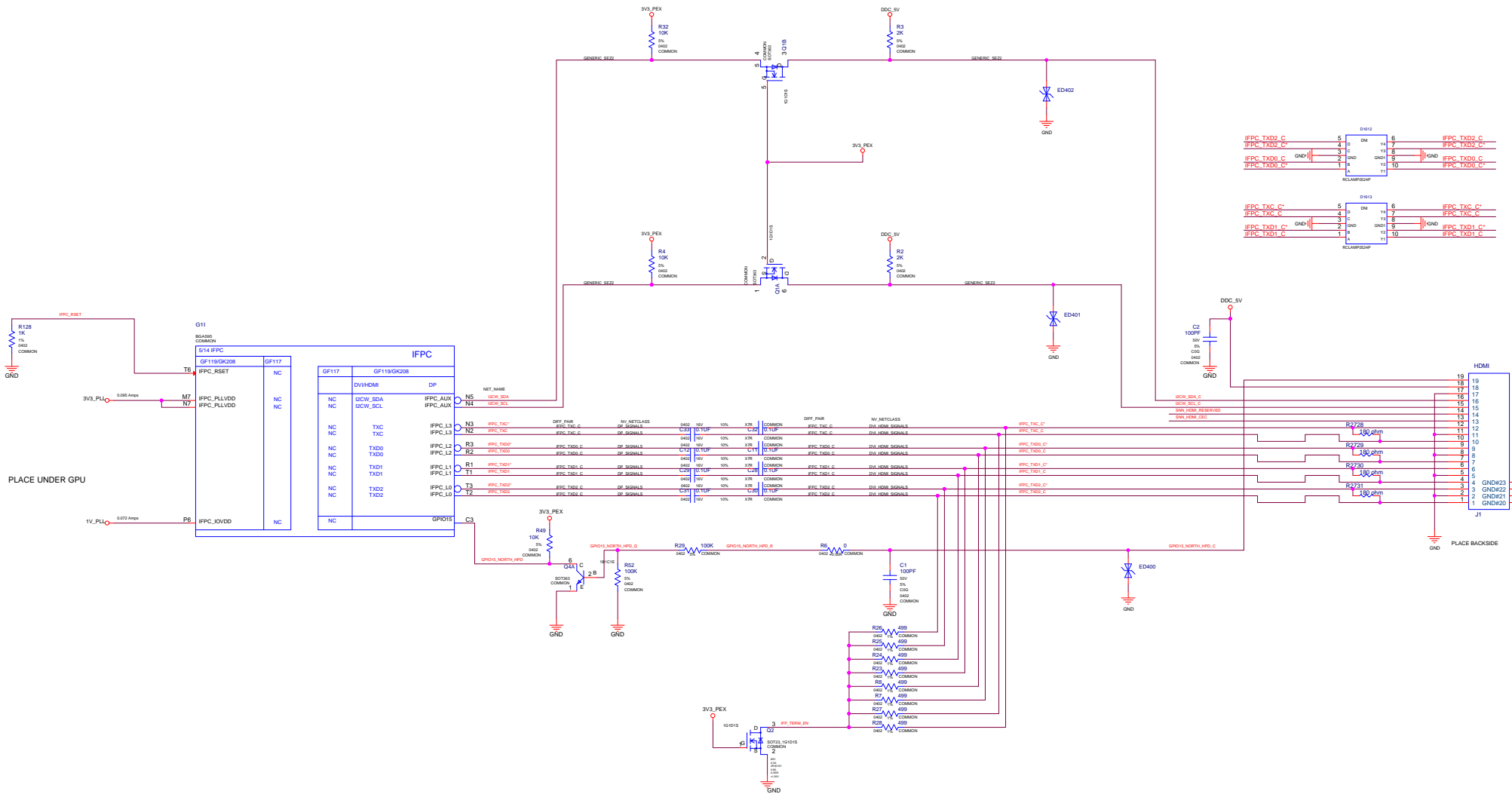
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IFPAB, IFPE & IFPF TMDs



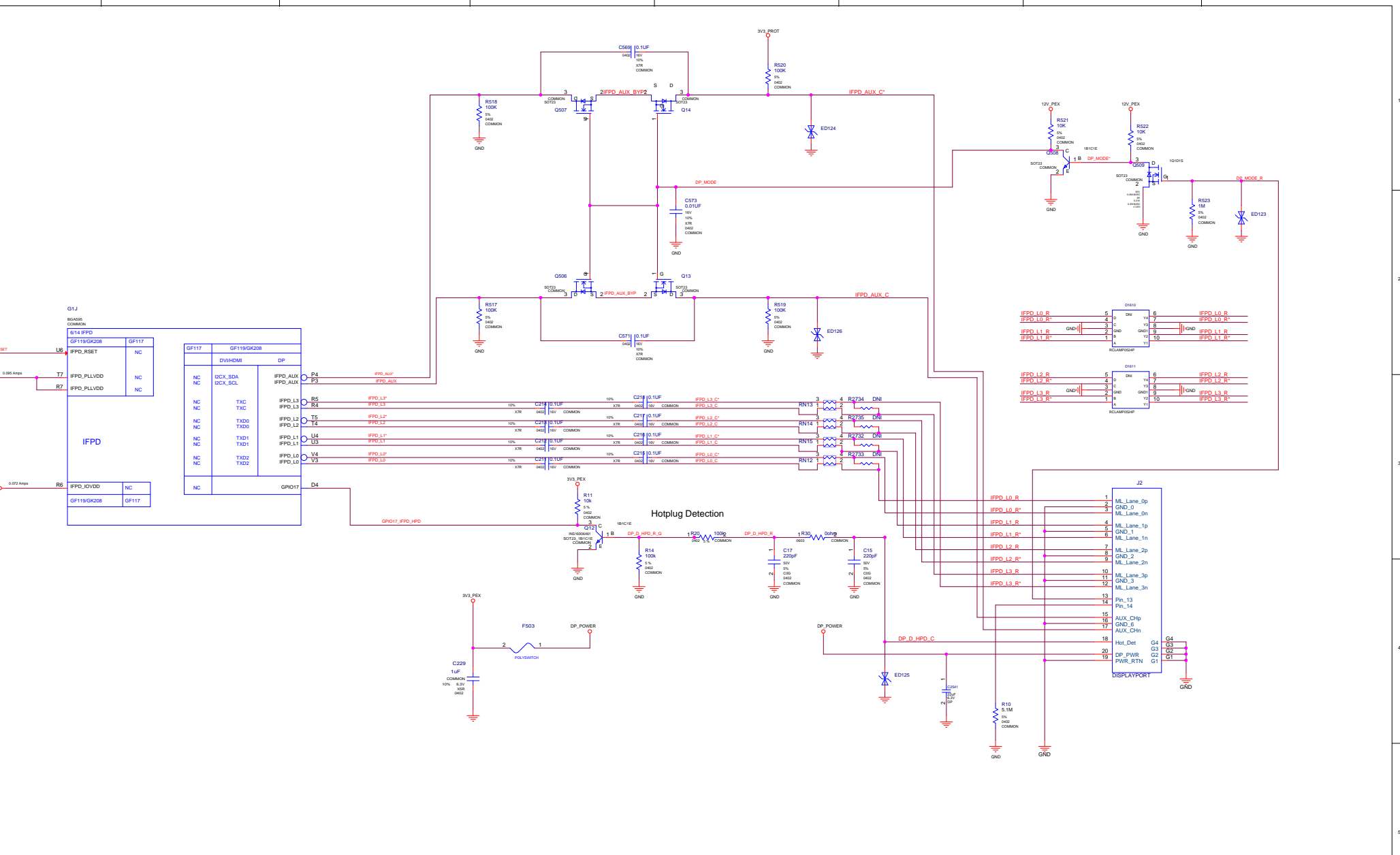
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IFPC HDMI

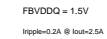


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POWER SUPPLY II: FBVDDQ


$$V_{out} = V_{ref} * (1 + R_2/R_1)$$

$$V_{ref}=0.6V: \quad 1.5V = 0.6V * (1 + 1.87k/1.24k)$$

316-0168-000: AP3435CNTR 1MHz	0.6V	1.5%
316-0134-000: RT8071AZQW 1MHz	0.6V	1.5%
316-0746-000: UP1728FQDA 1MHz	0.6V	1.5%

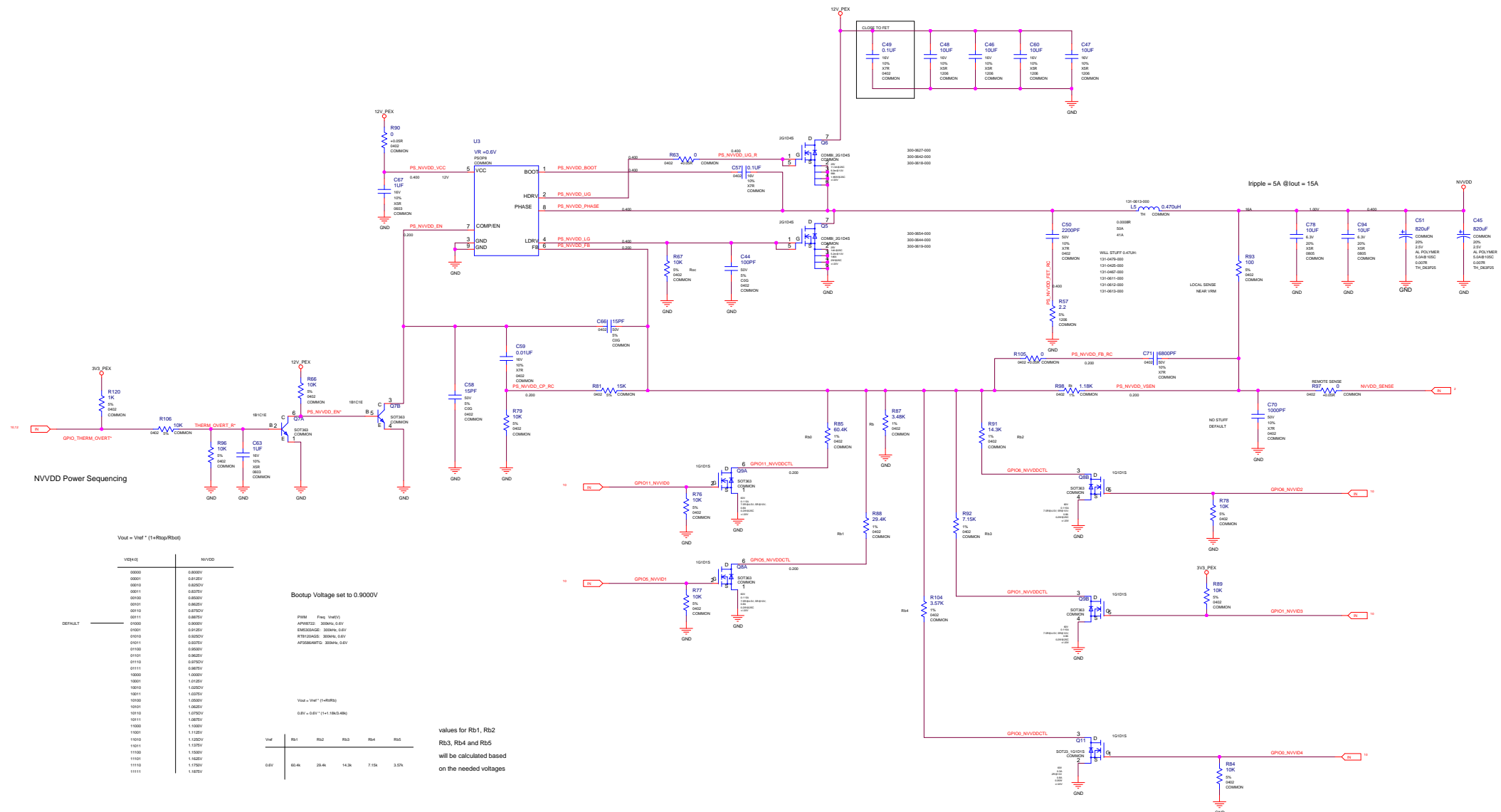
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POWER SUPPLY III: NVVDD



values for Rb1, Rb2
Rb3, Rb4 and Rb5
will be calculated based
on the needed voltages

Vref	Rb1	Rb2	Rb3	Rb4	Rb5
0.6V	60.4k	29.4k	14.3k	7.15k	3.57k

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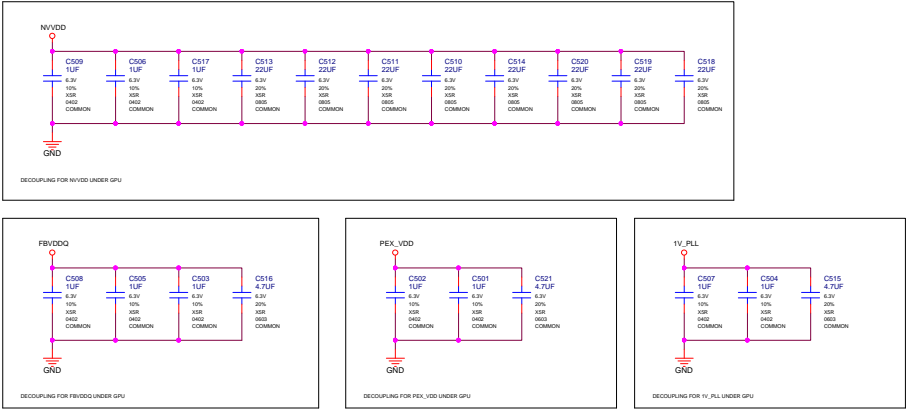
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