

PG166-A02

TU116,192b GDDR6 2CHx16,90W/120W
DVI-D DL + HDMI + DP

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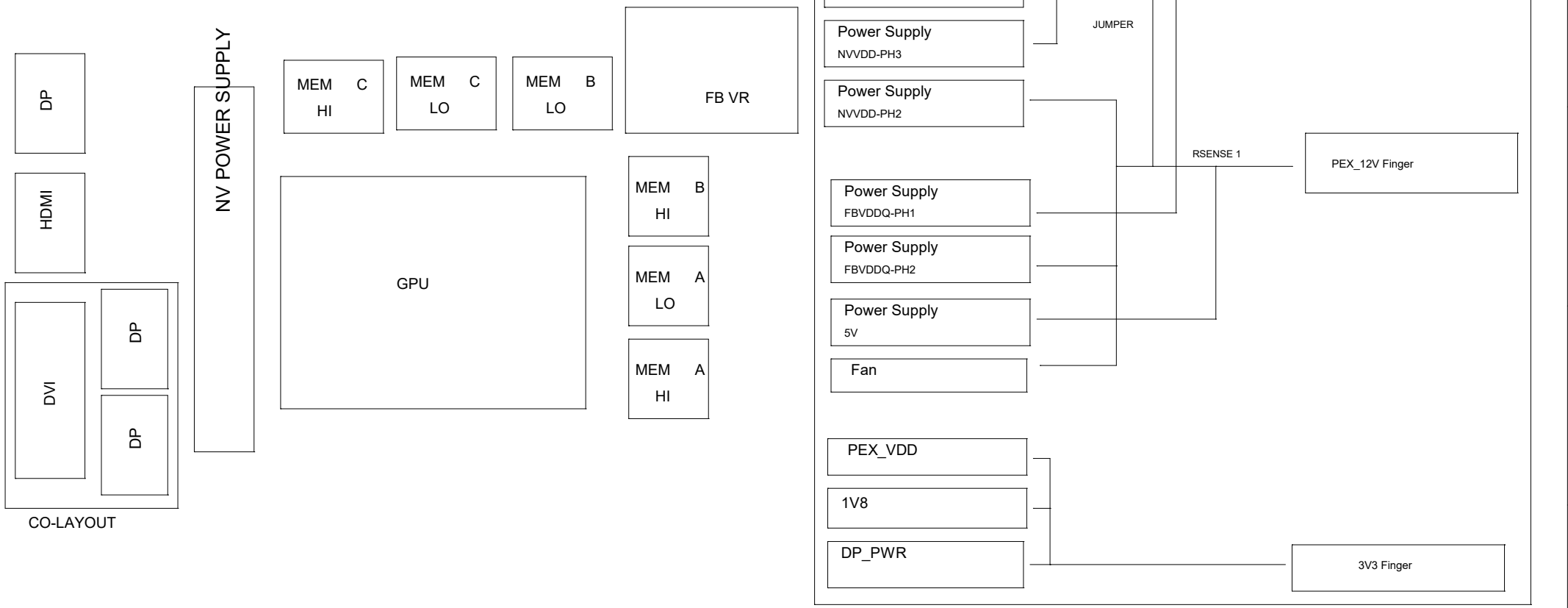
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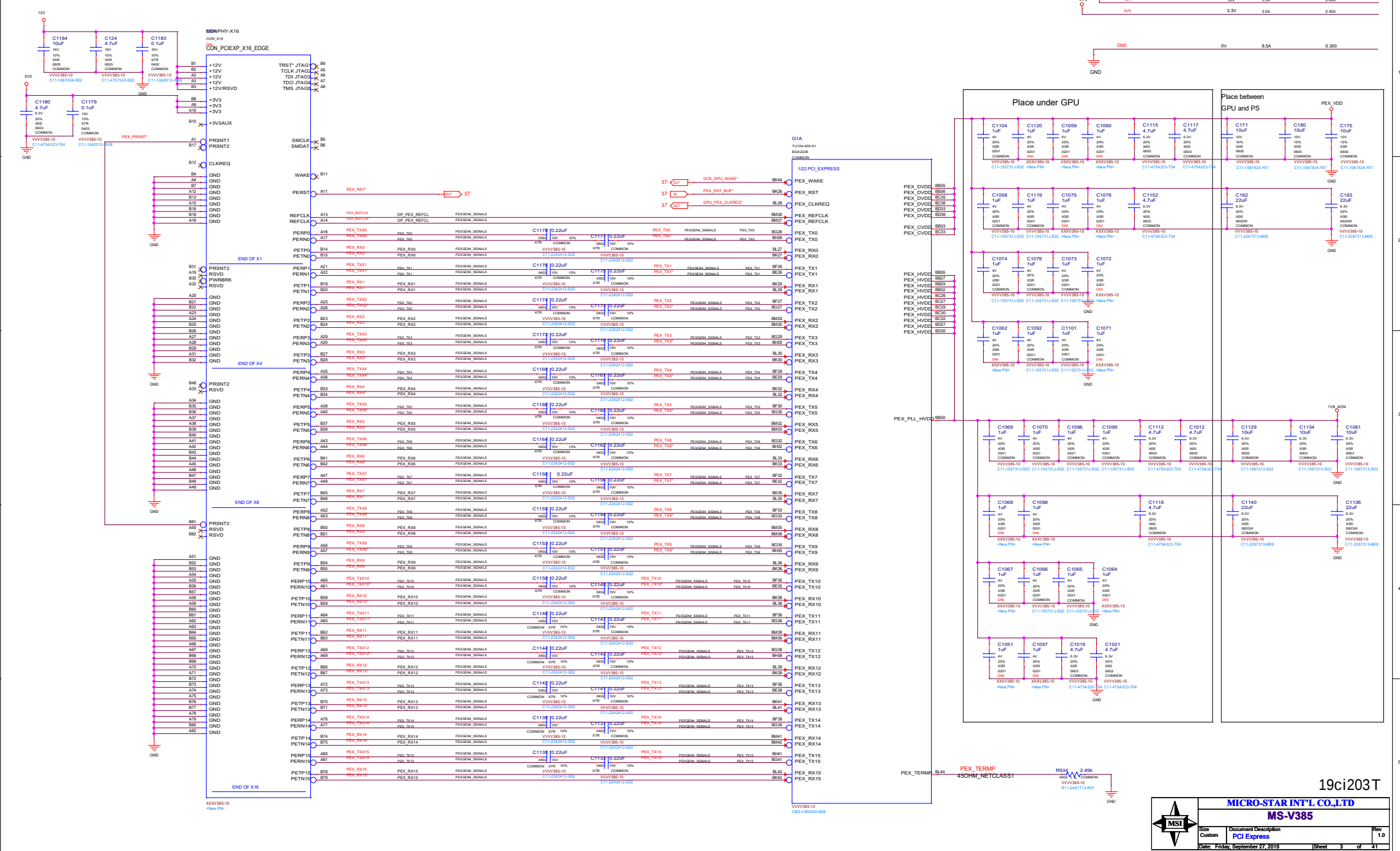
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22	Add LOGO_LED_BRAKE Remove GPIO25_FBVDD_PSI*
27	Remove up1666 & Add L-MOS
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38	Add U250 Remove 2-PIN FAN





AF49+CMD33, AQ52+CMD33 IN TU104
AF49+CMD33, AQ52+CMD32 IN GP104

G1B

TU104-400-A1

BGA2024

compatible

G1C

TU104-400-A1

BGA2024

D41+CMD32, A42+CMD33 IN TU104
D41+CMD32, A42+CMD32 IN GP104

G1C

TU104-400-A1

BGA2024

GDDR6 CMD Mapping

Lower 32 GB

DRAM

CMA-Bank 0

CMA-Bank 1

CMA-Bank 2

CMA-Bank 3

CMA-Bank 4

CMA-Bank 5

CMA-Bank 6

CMA-Bank 7

CMA-Bank 8

CMA-Bank 9

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CMA-Bank 304

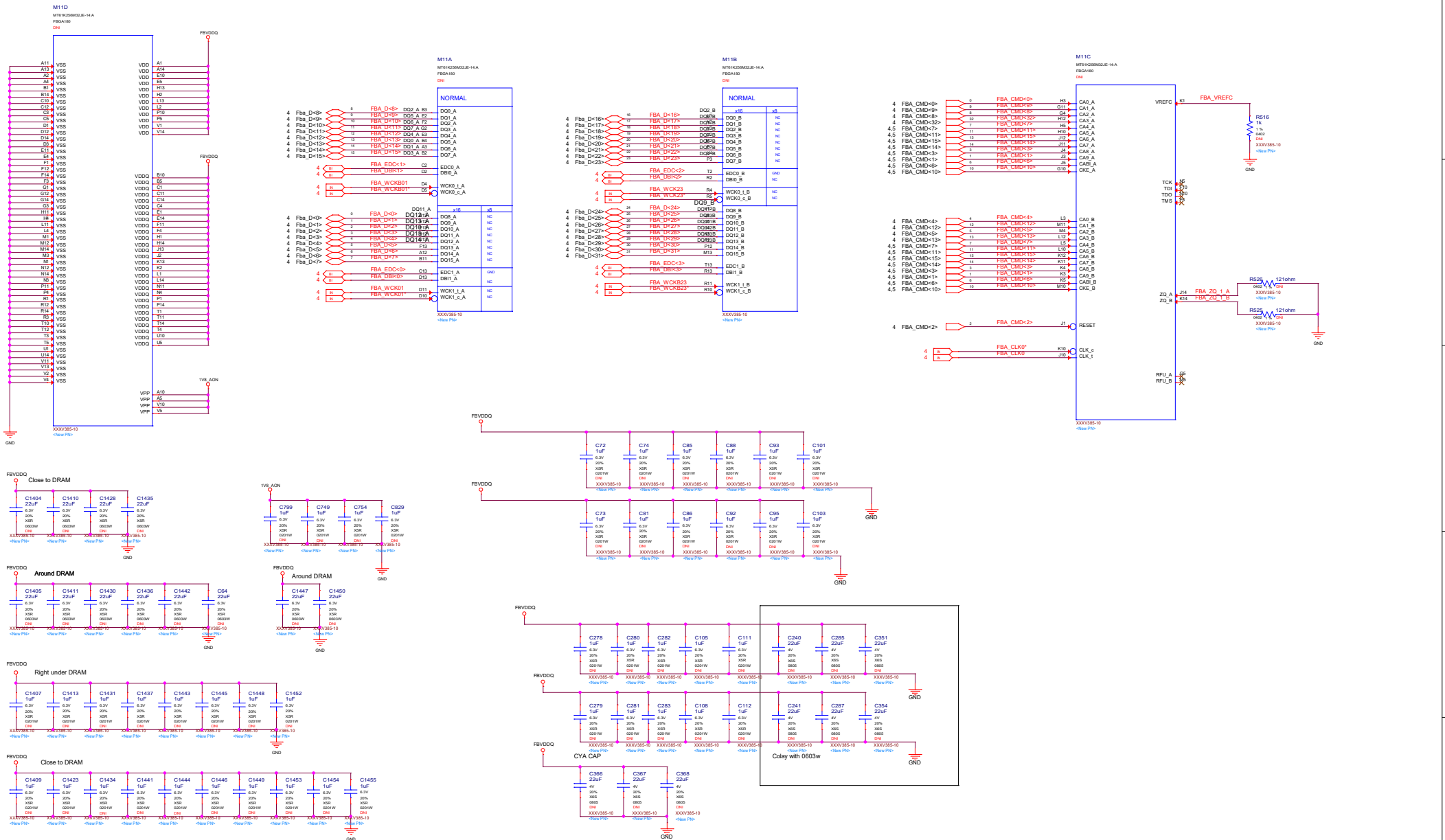
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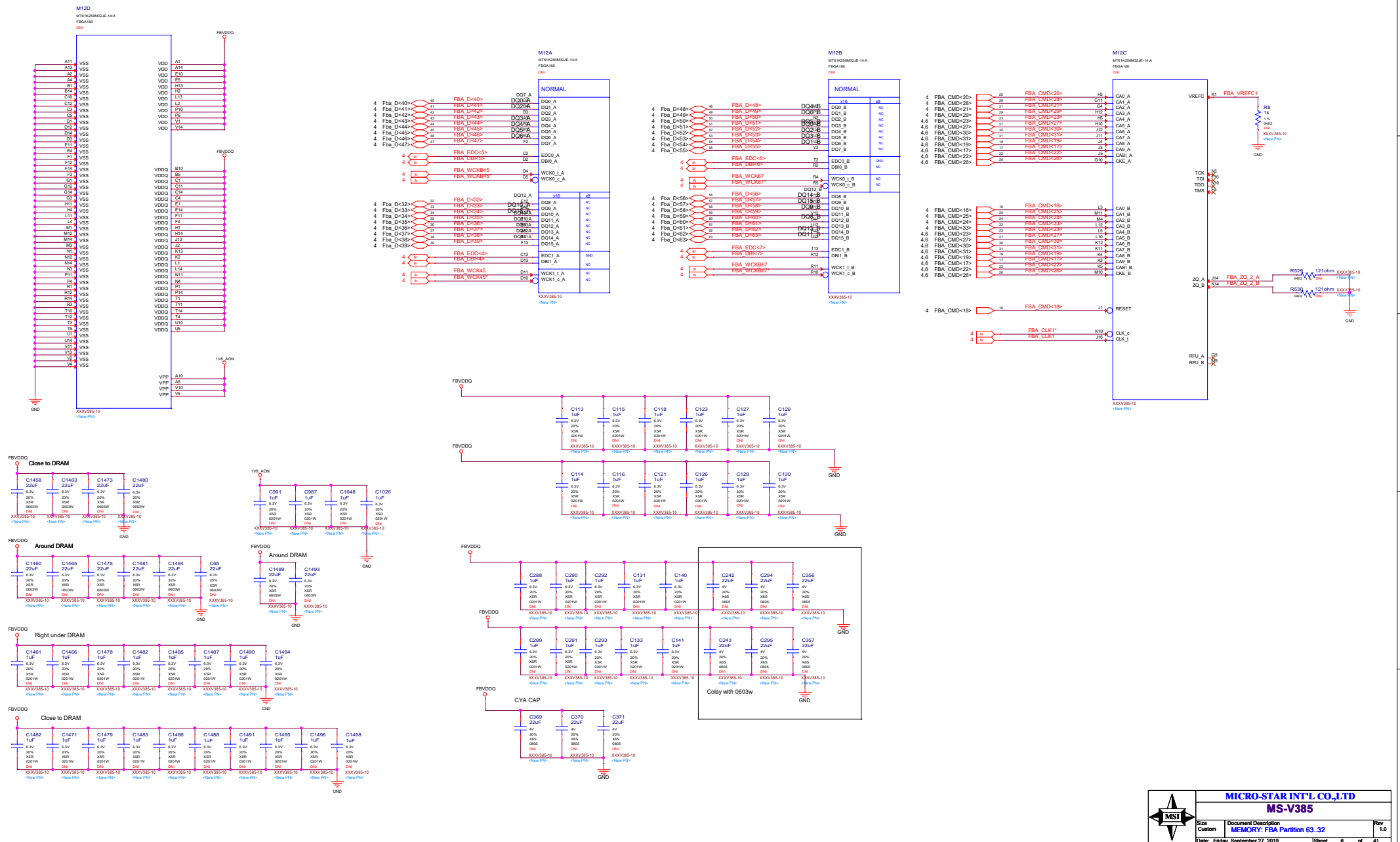
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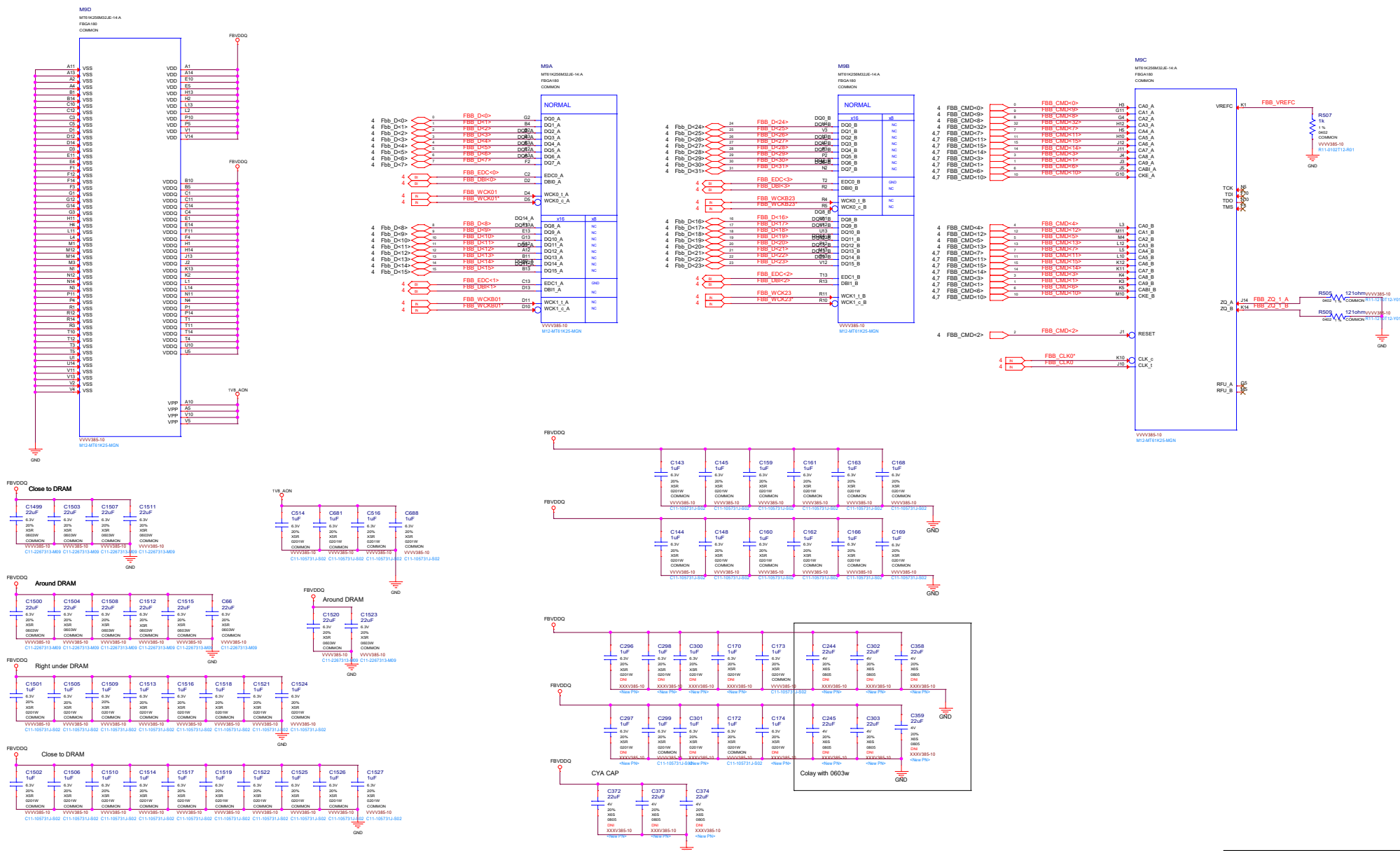
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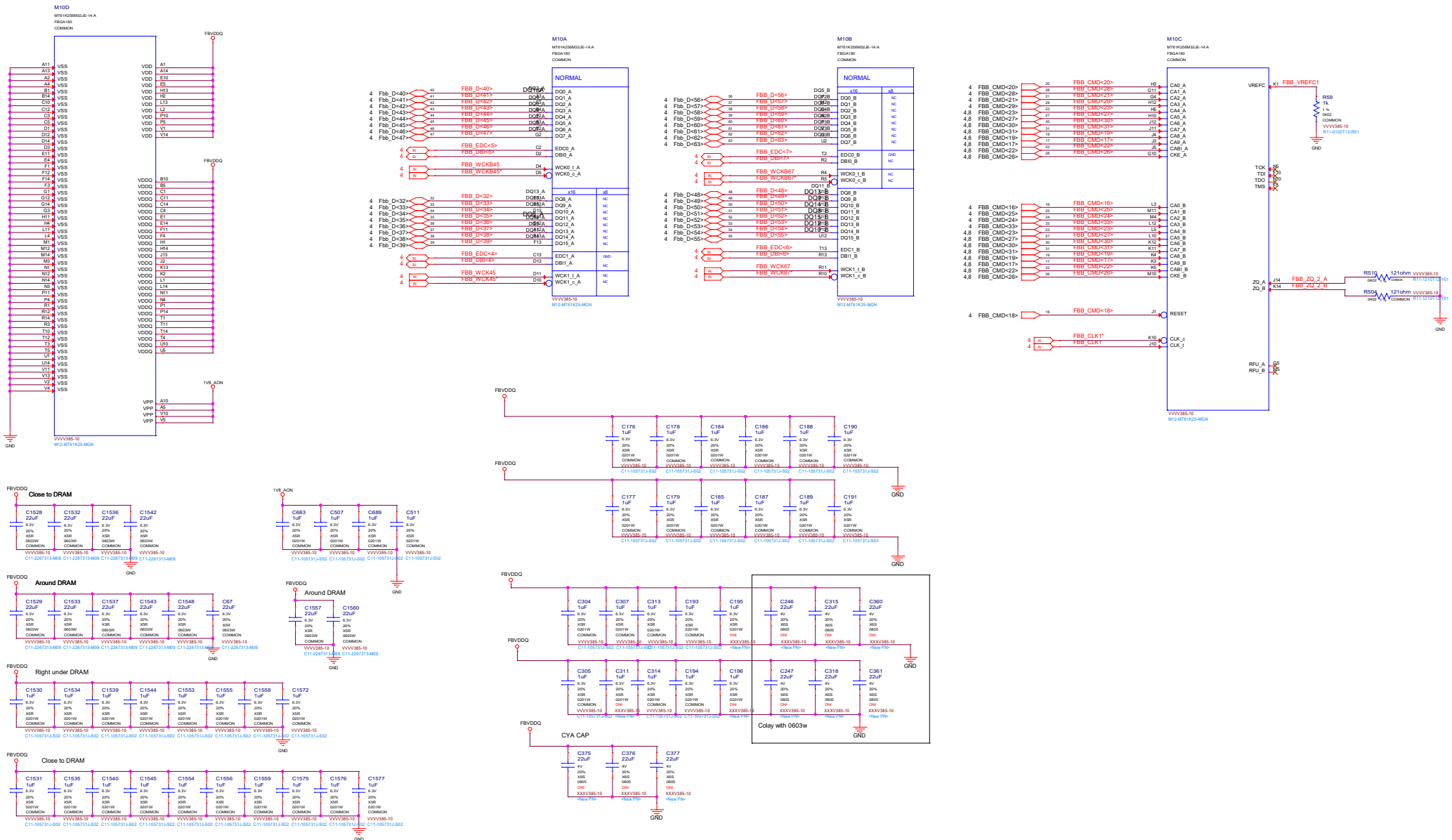
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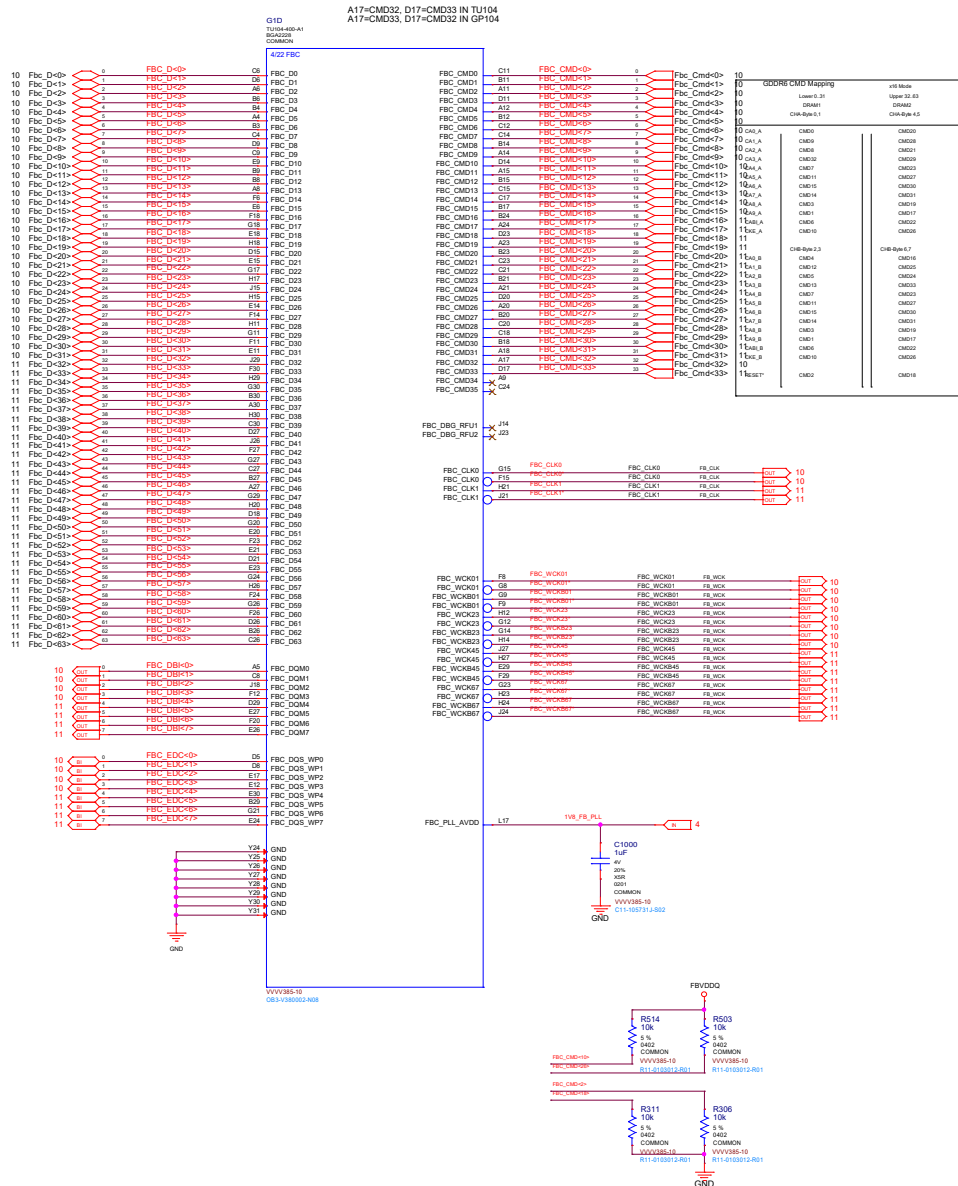
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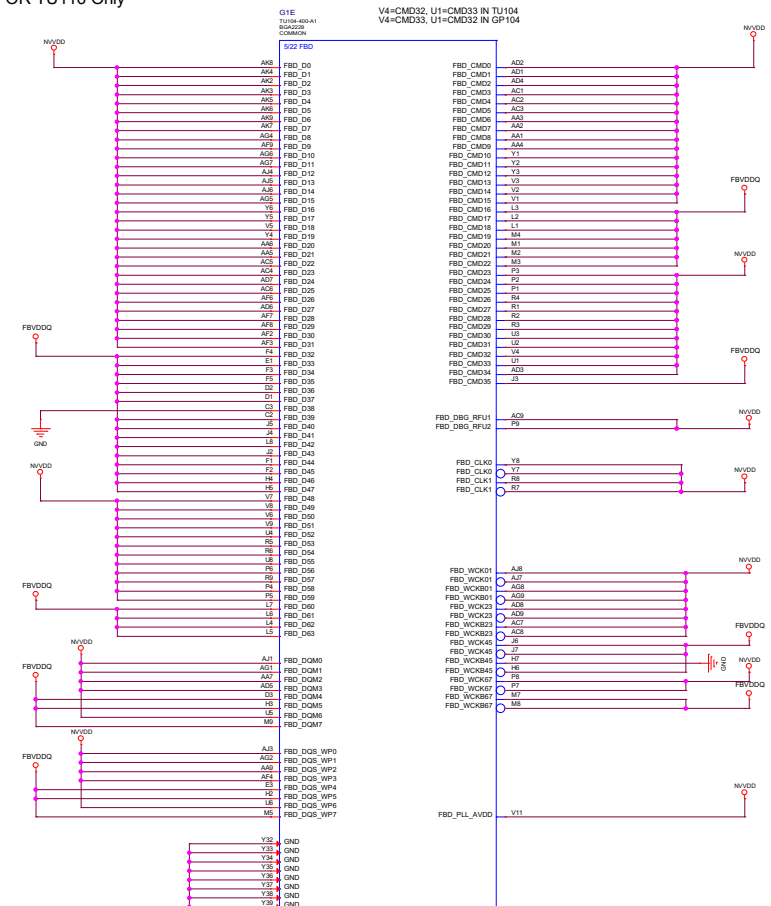






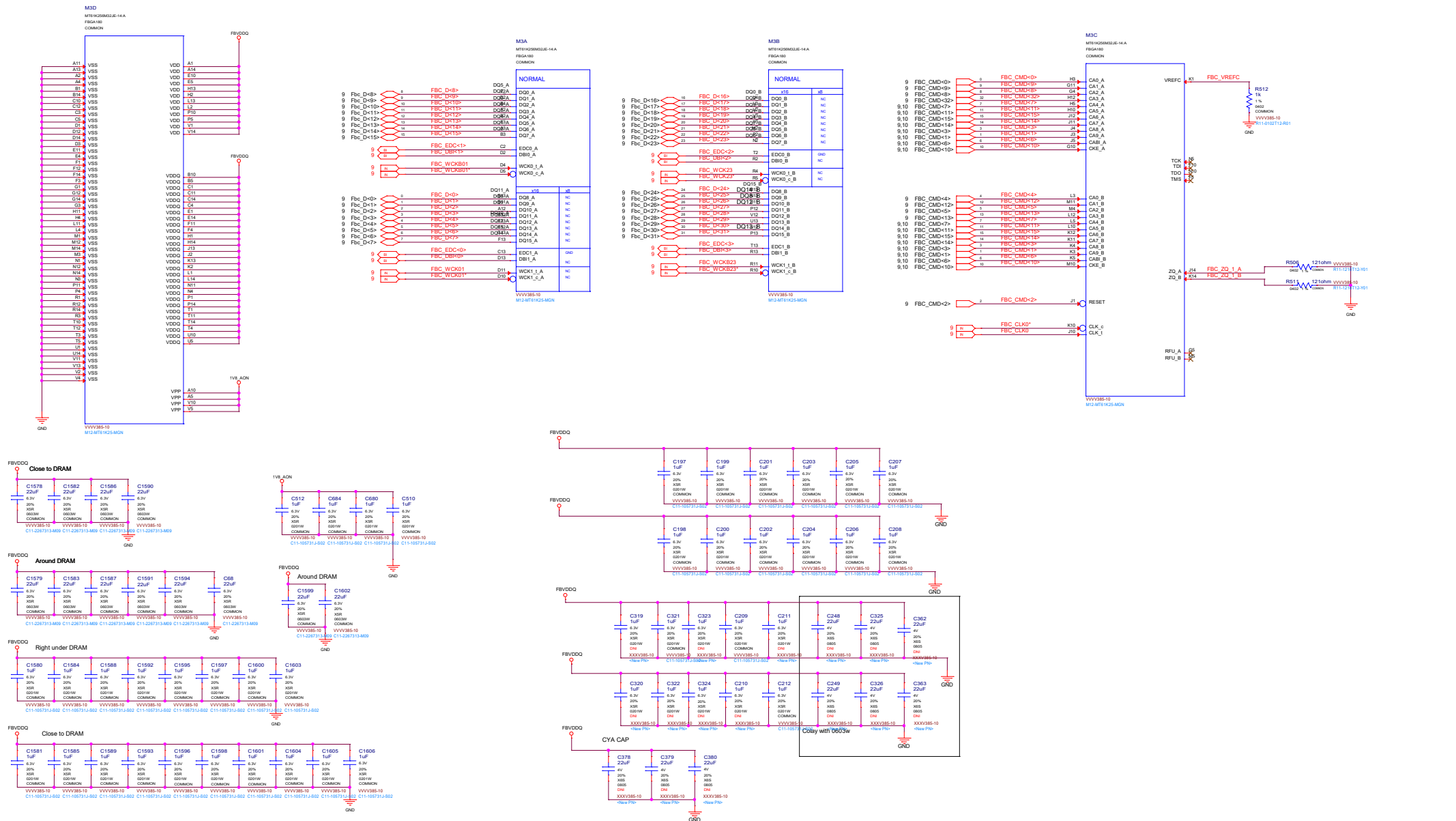


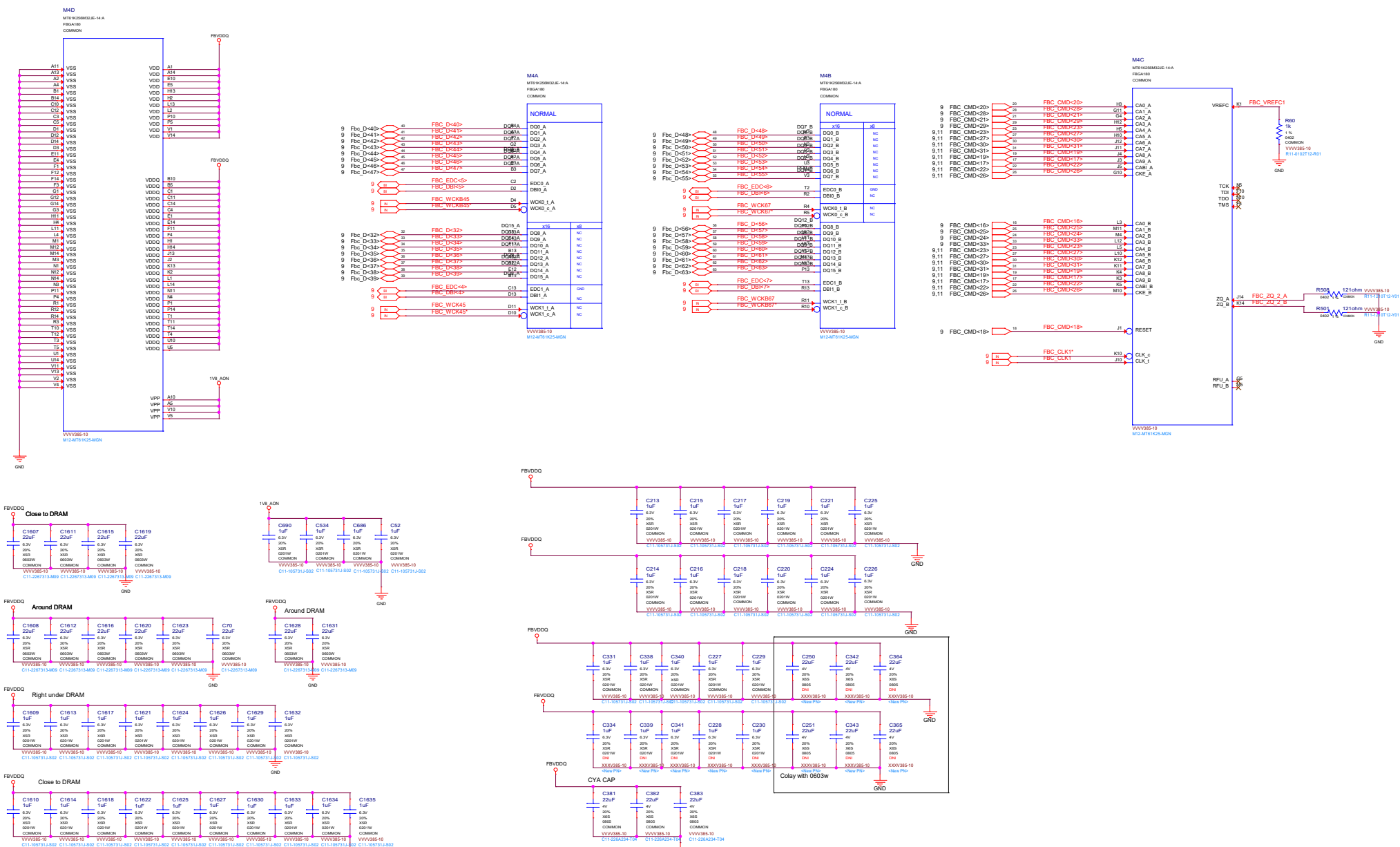
Use NC pin to Improve NVVDD,FBVDDQ,1V8 PDN
FOR TU116 Only

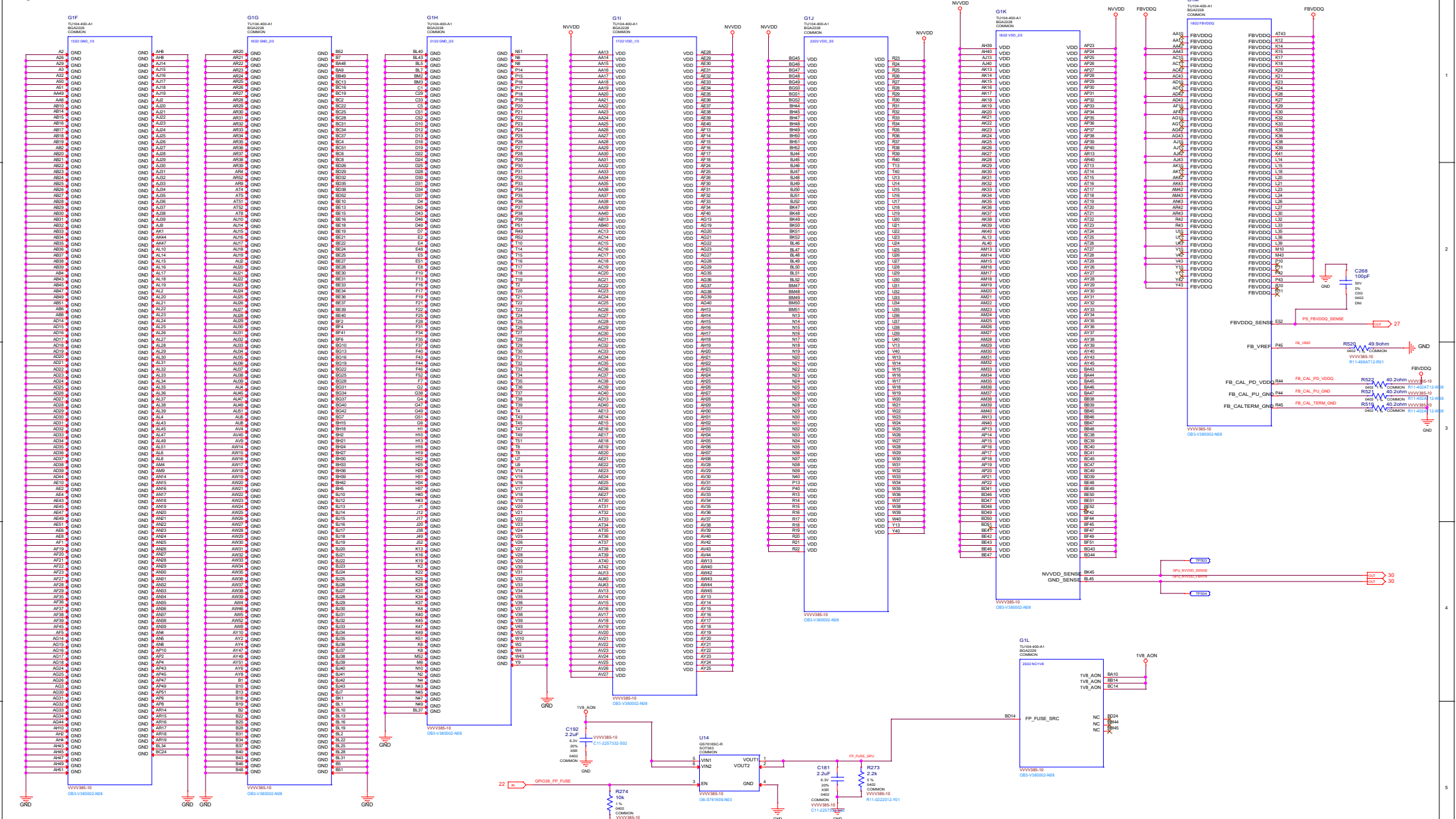


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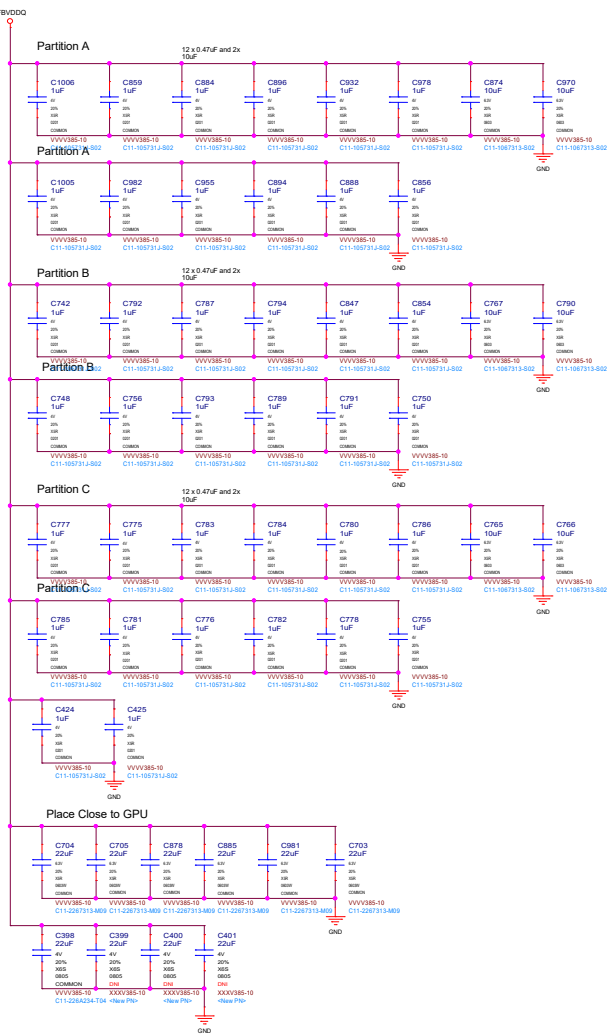
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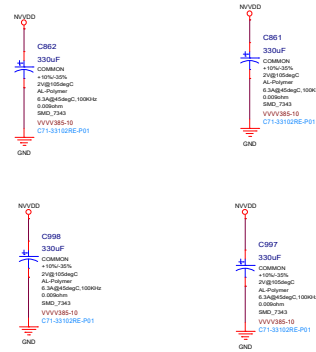




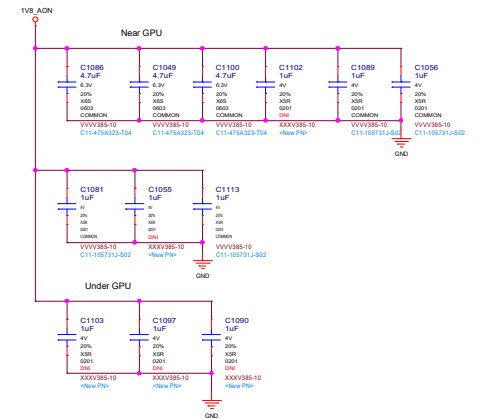
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NVDD



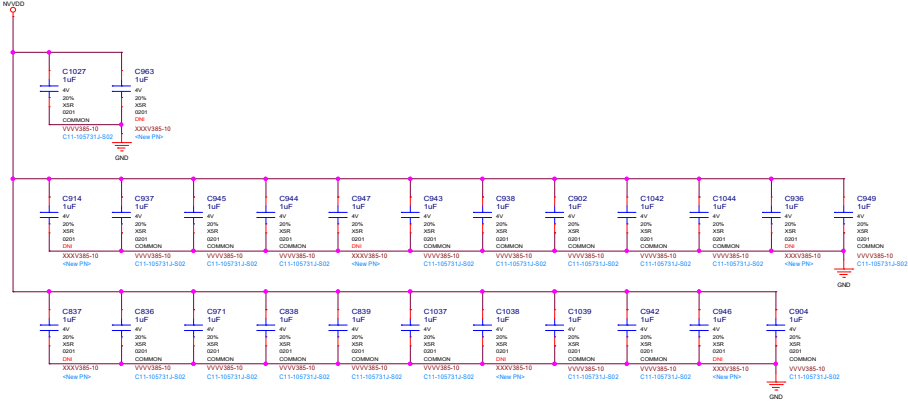
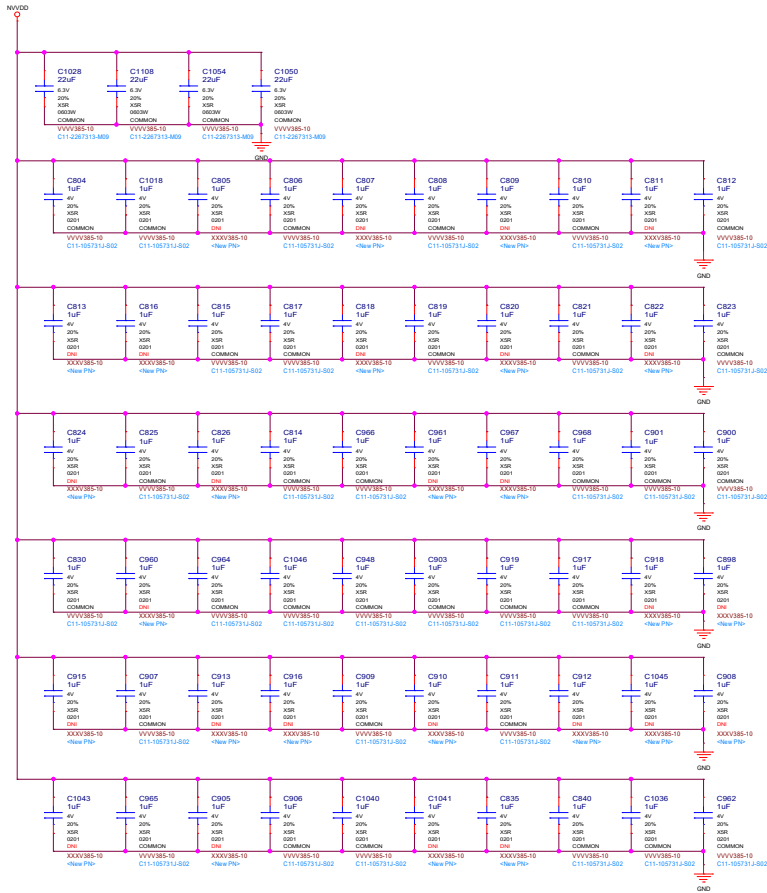
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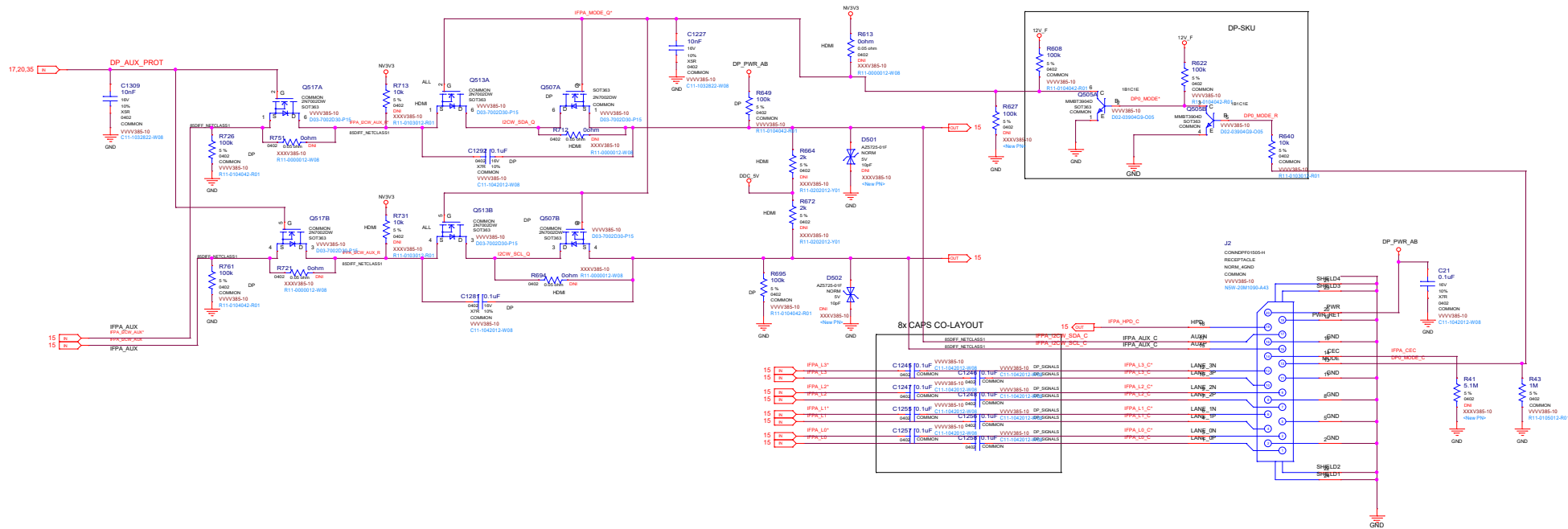


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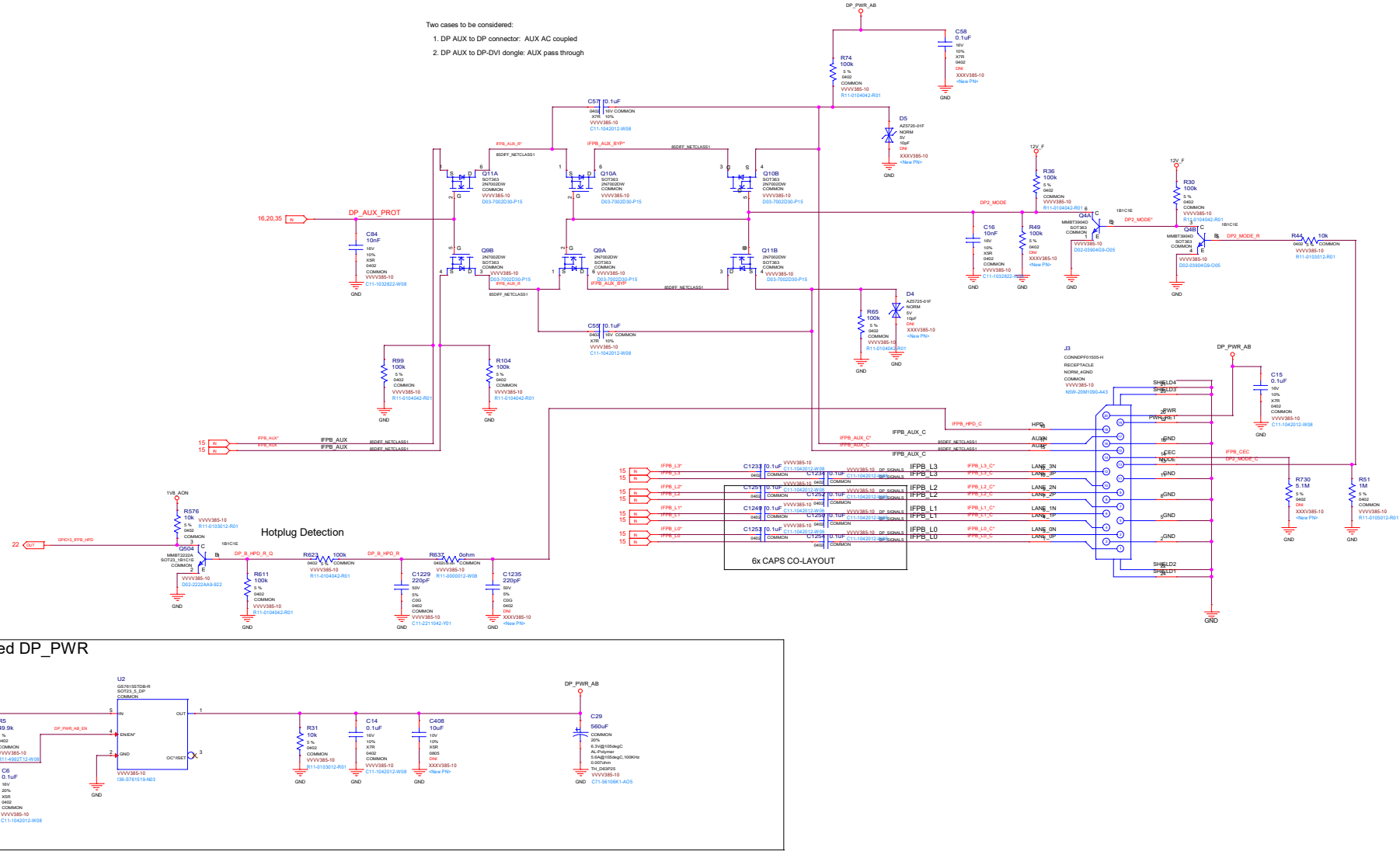
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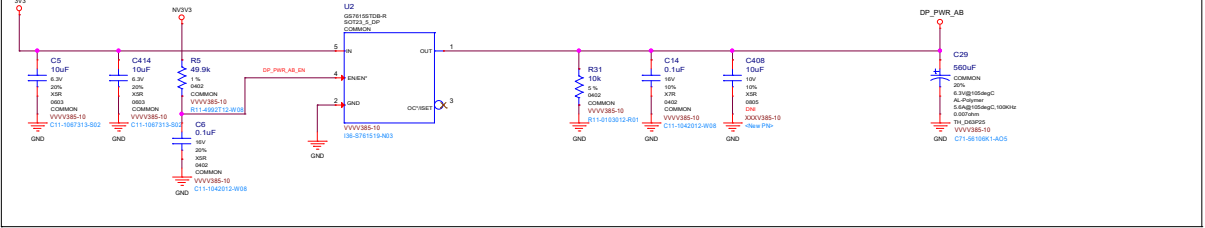


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Fused DP_PWR

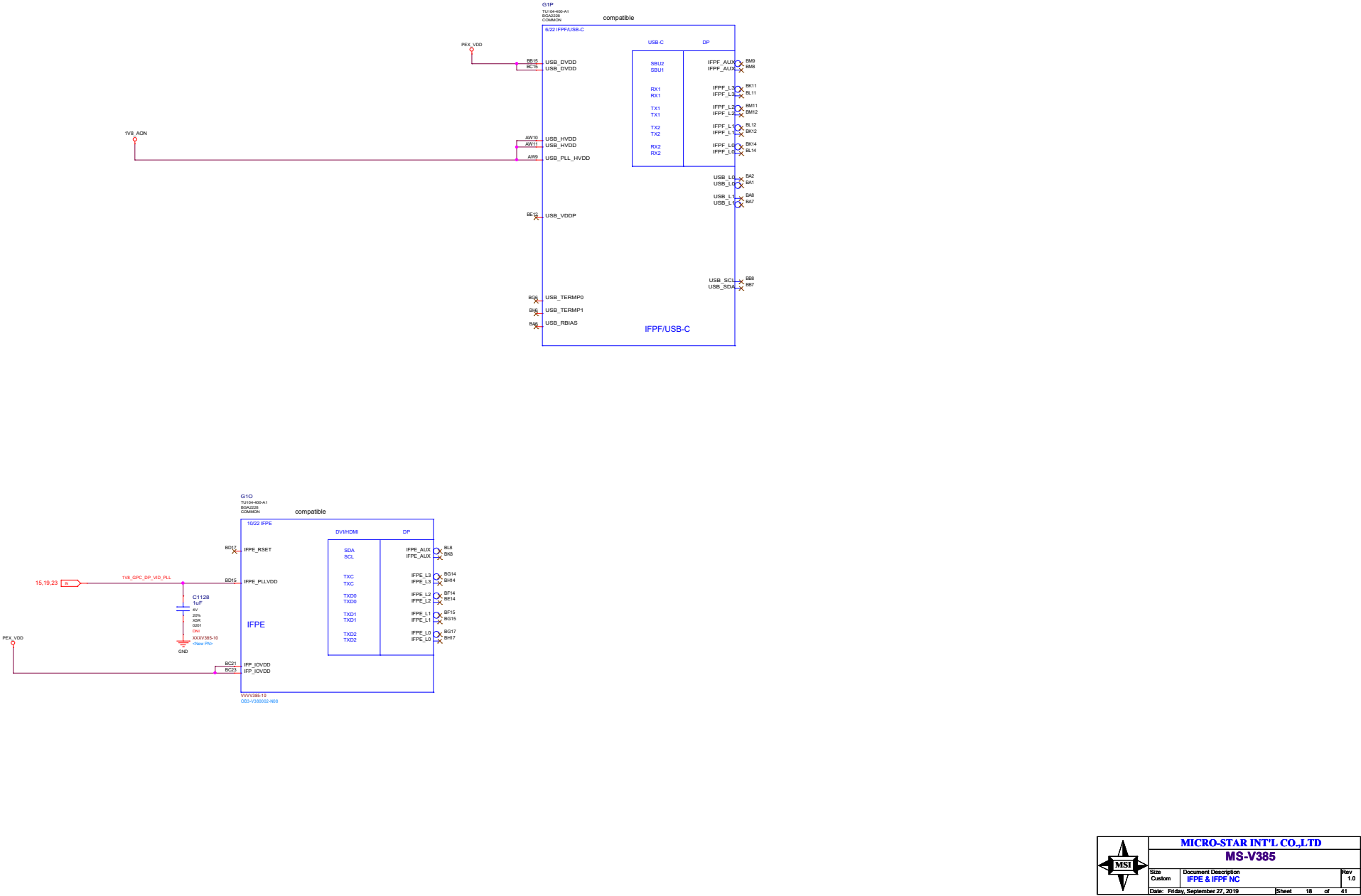




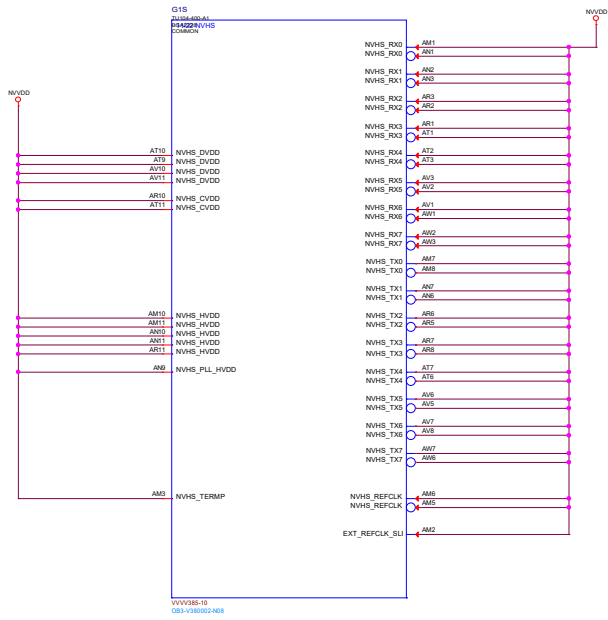
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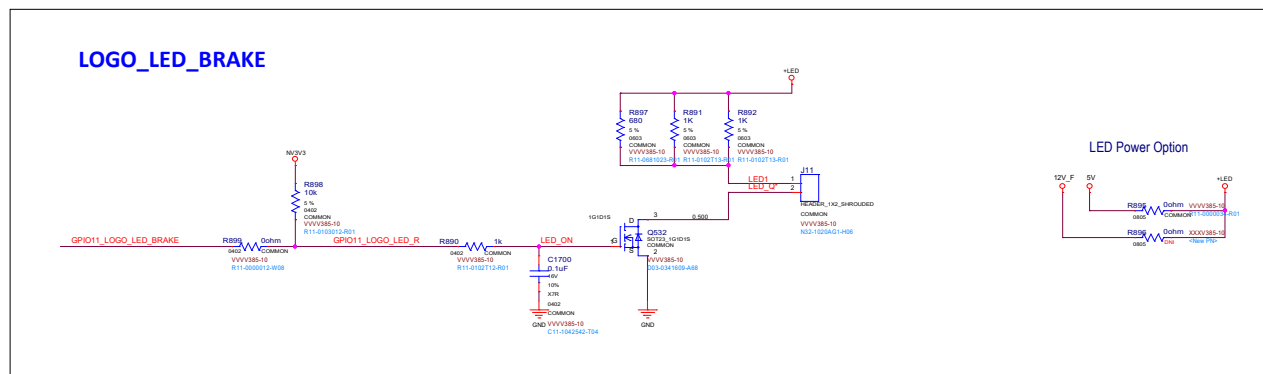
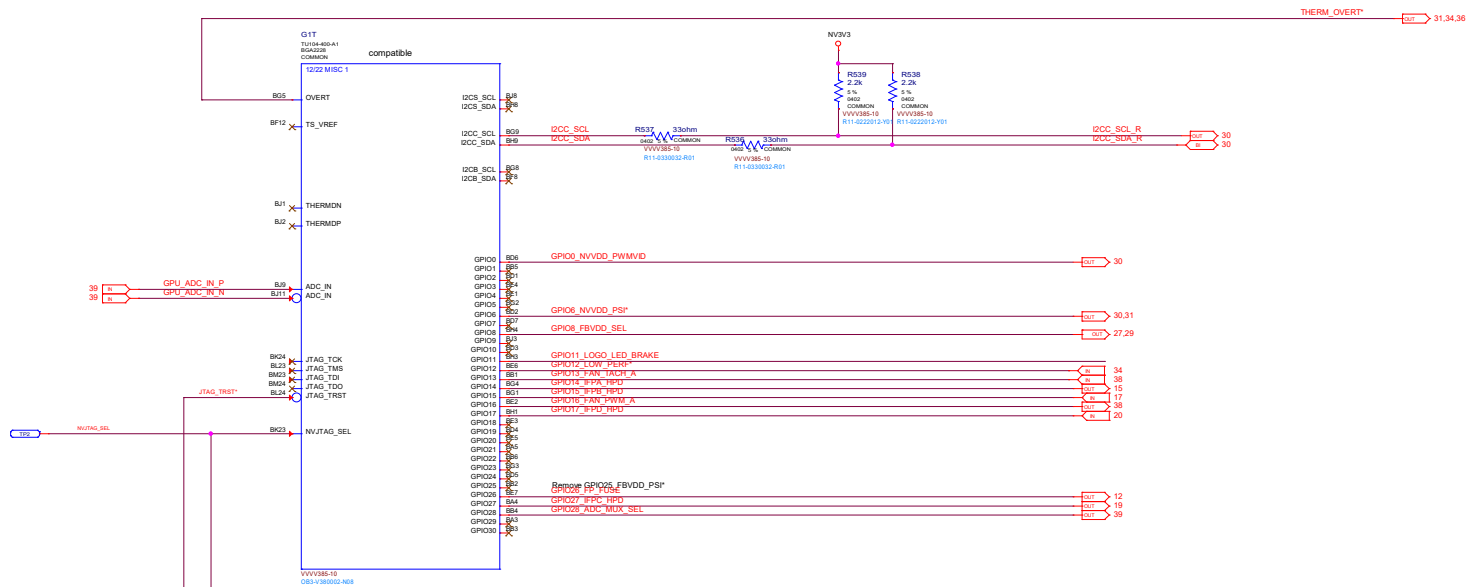
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Use NC pin to Improve NVVDD,FBVDDQ,1V8 PDN
For TU116 Only



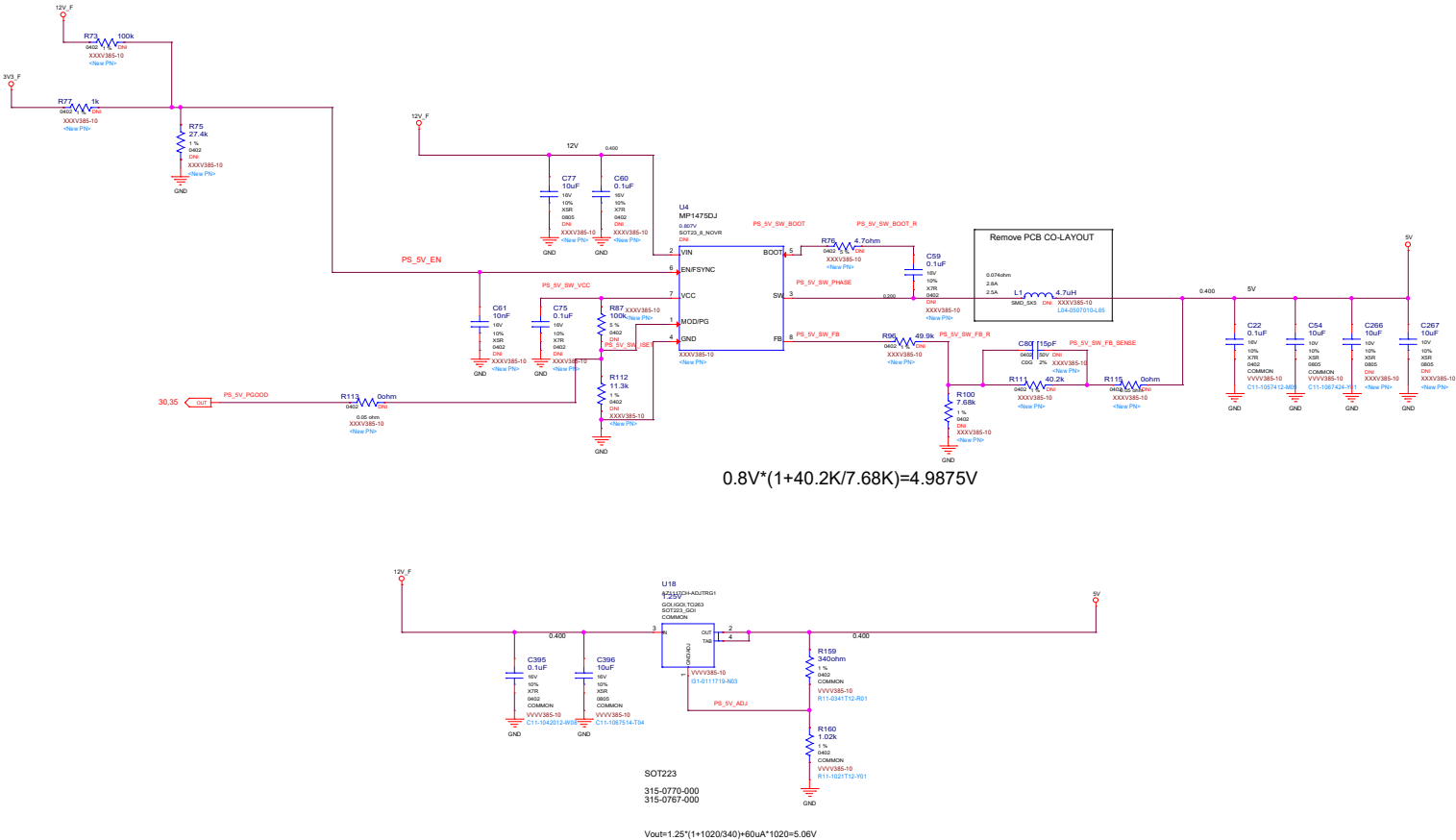


PVIN(PIN 3) recommended range of GS7303: 1.3V-5.5V

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039-0210-000: 22uF 6.3V X5R 0805 (NOT in spreadsheet)

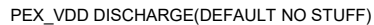
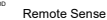
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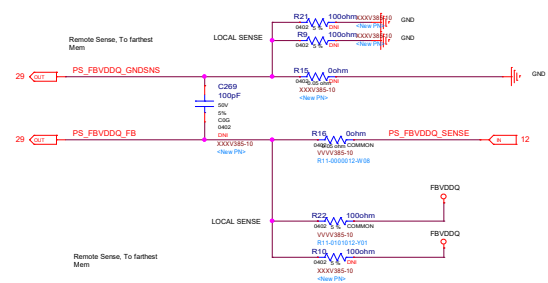




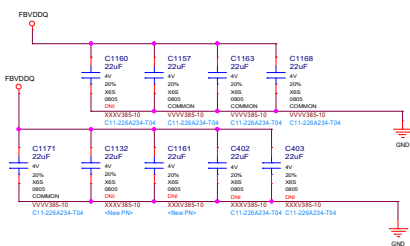
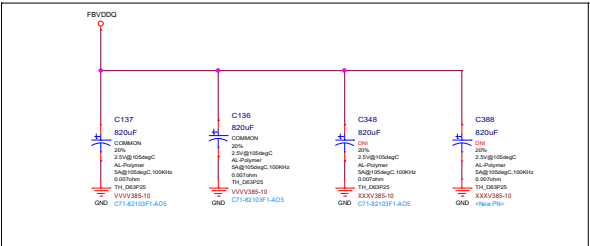
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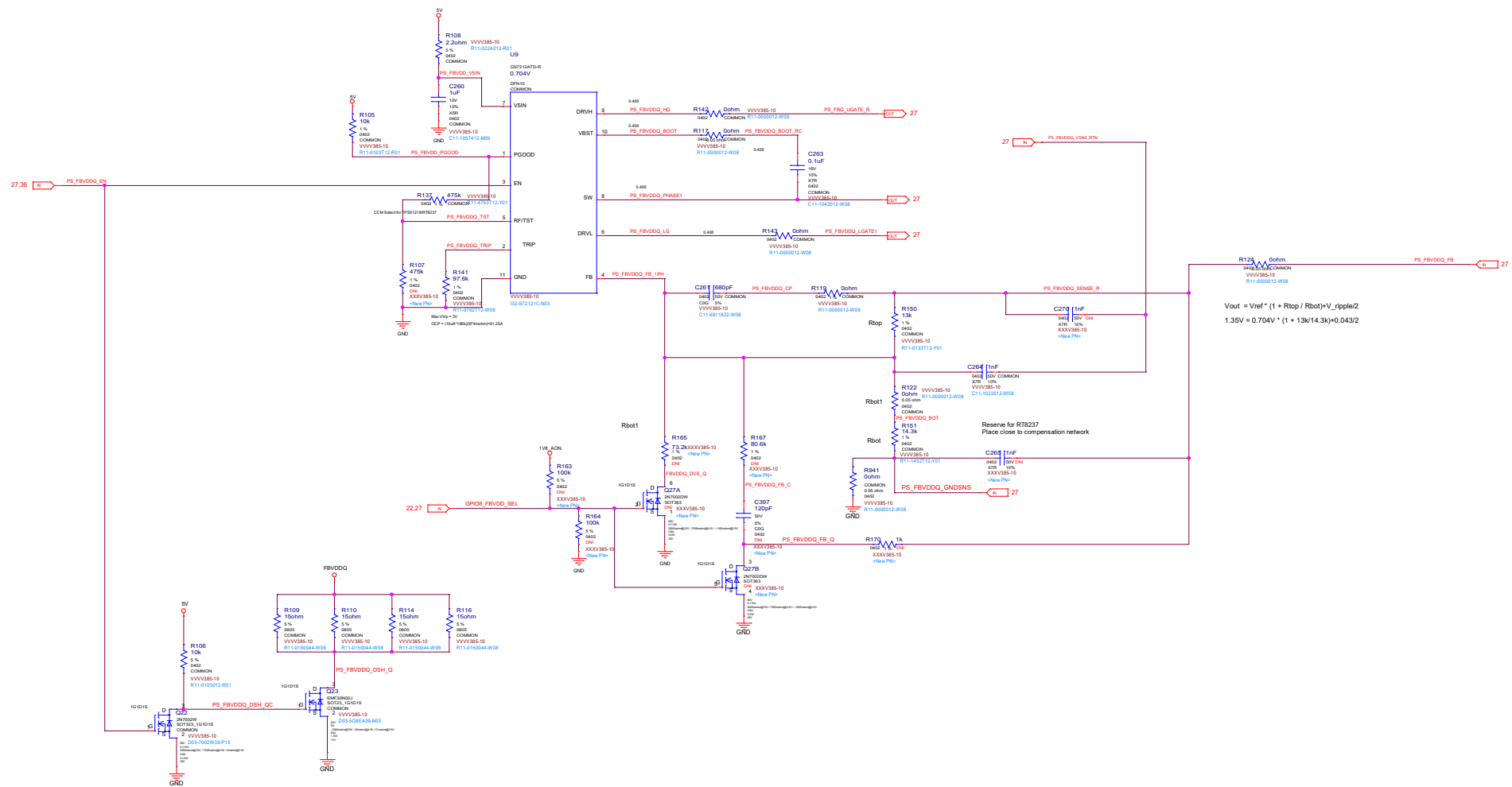
ADD 3 MORE MLCC
3V3 F is Far Away From Source





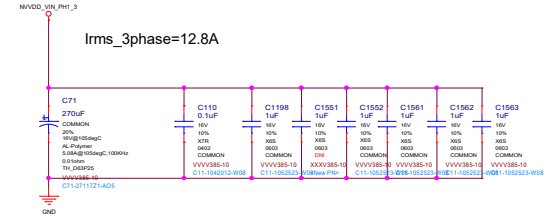
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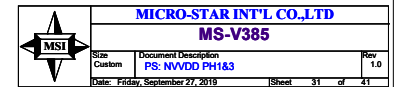
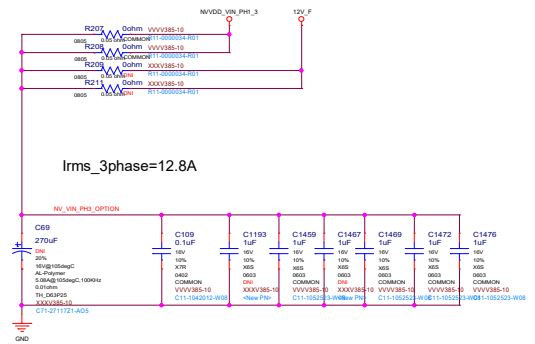


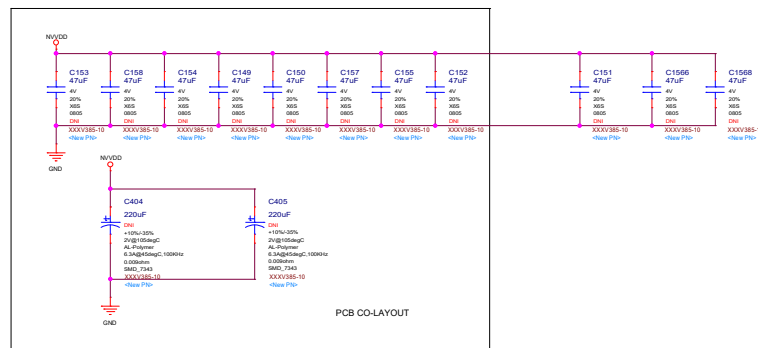
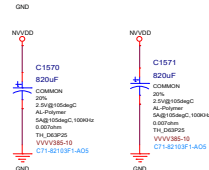
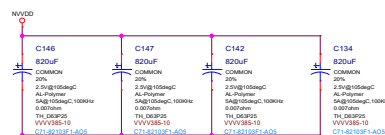
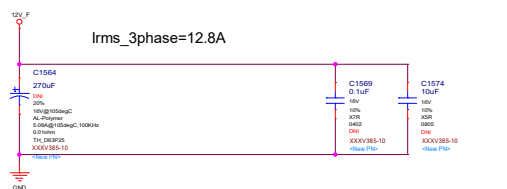
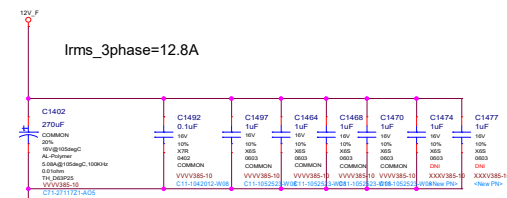
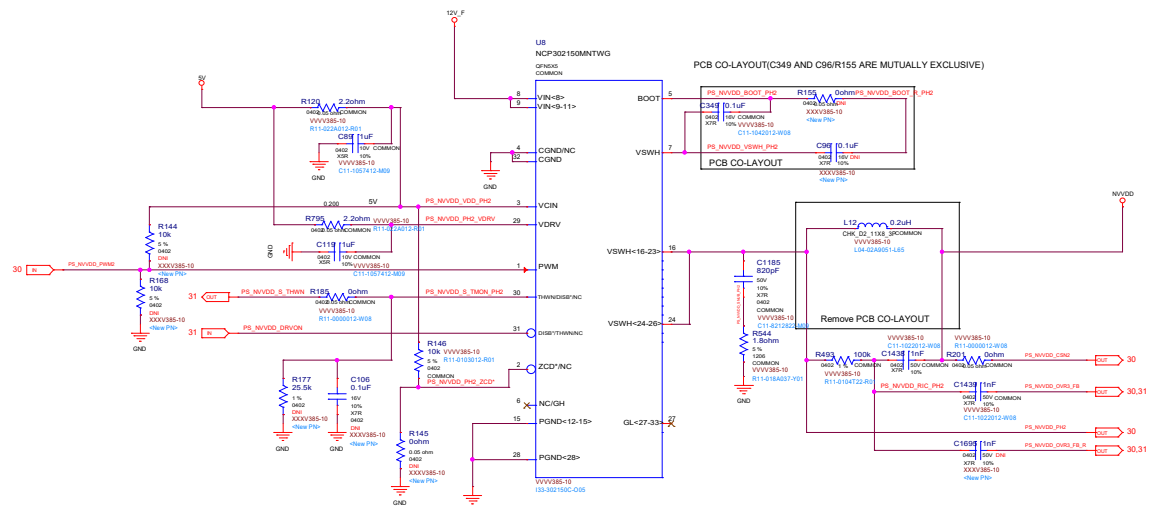
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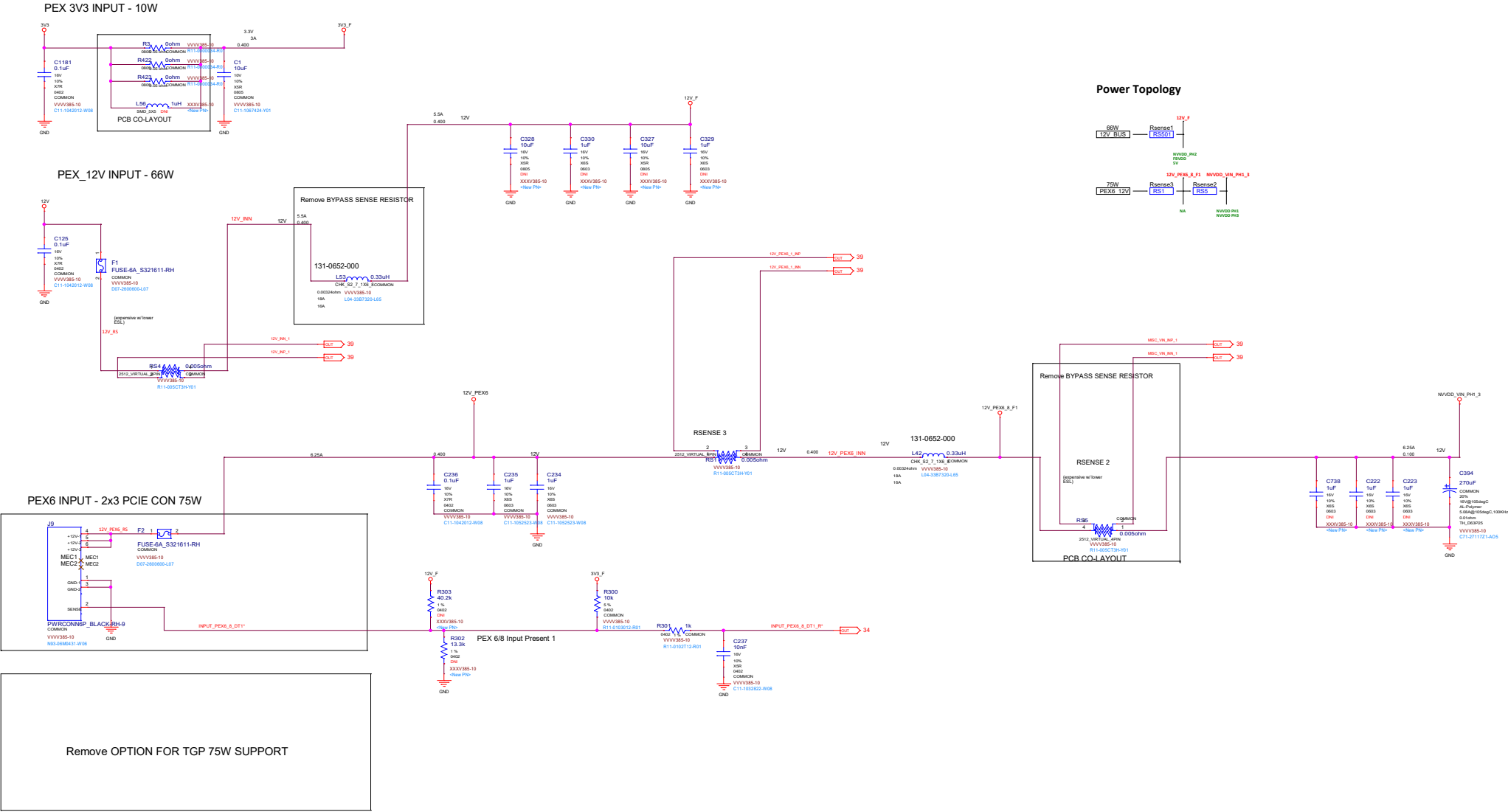


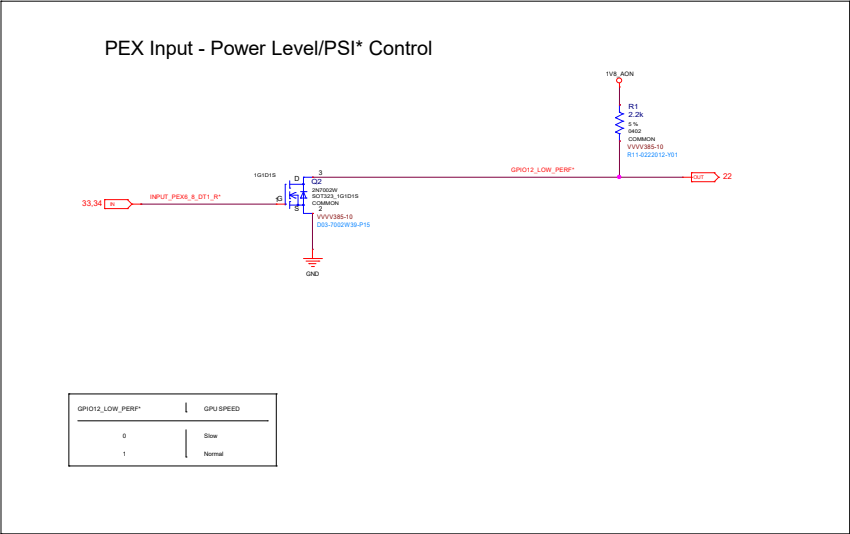
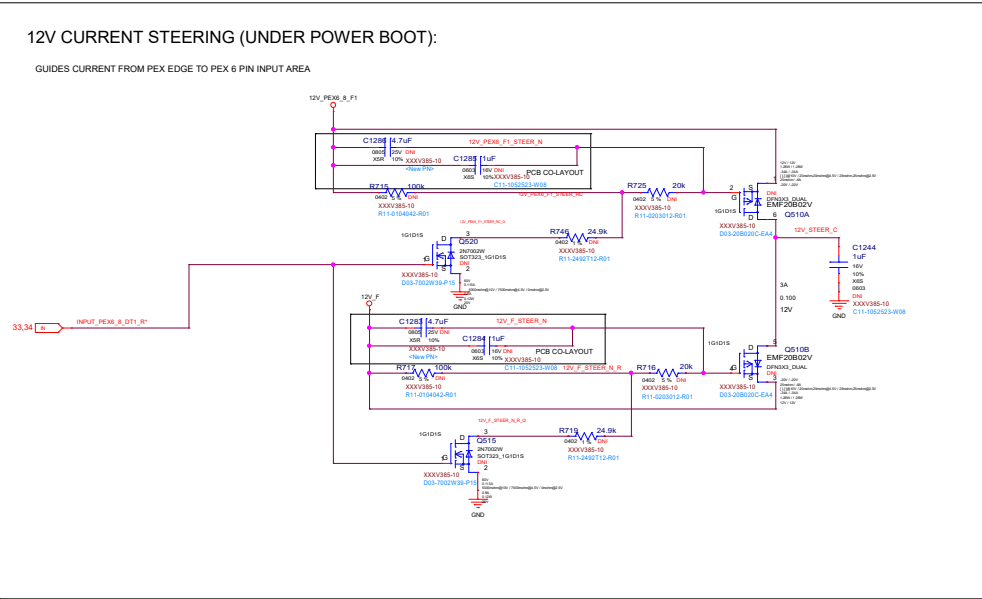
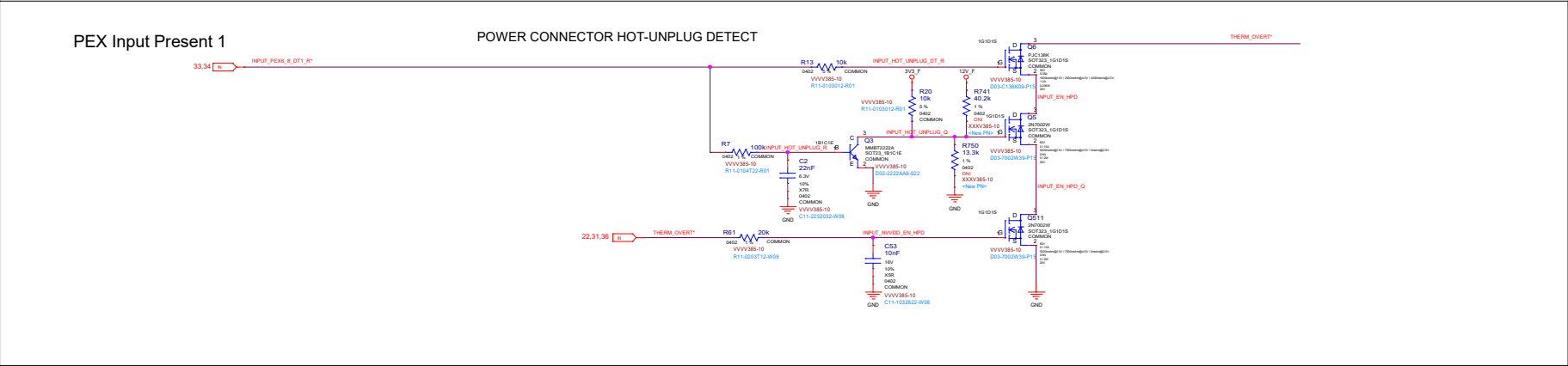
PH1

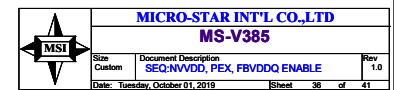
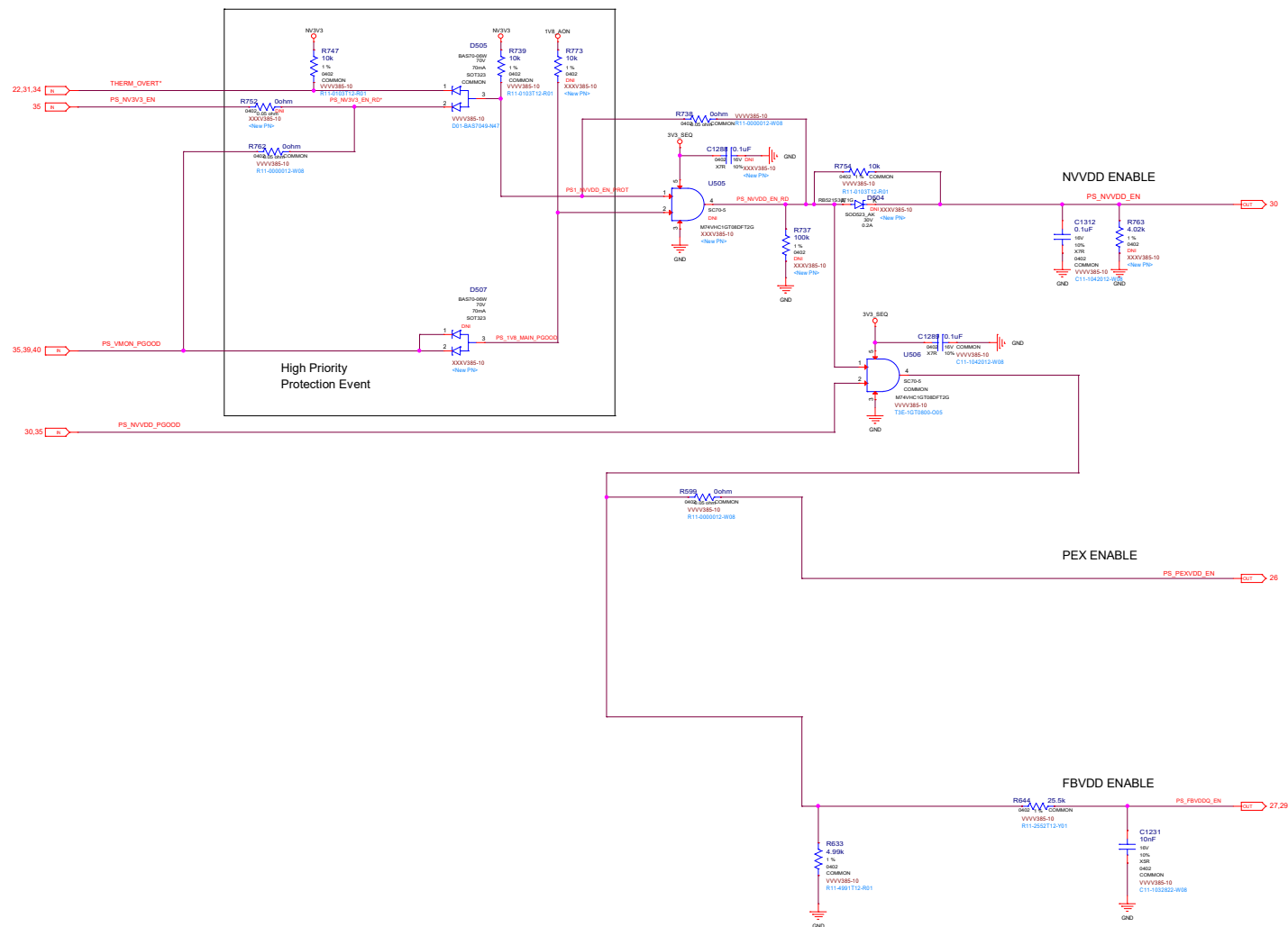


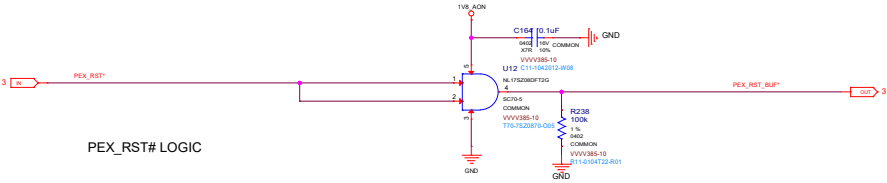
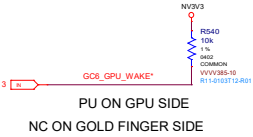
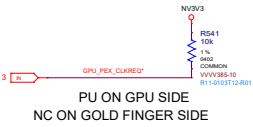


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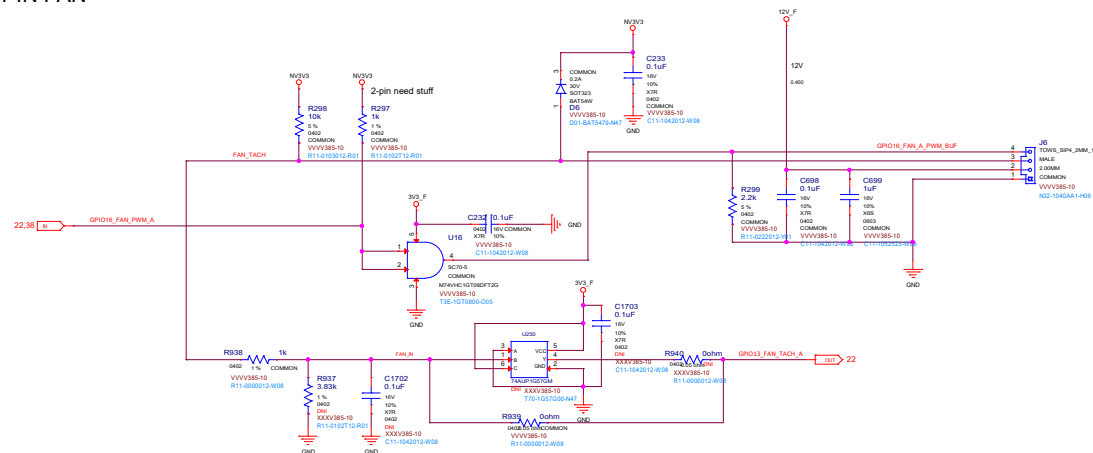




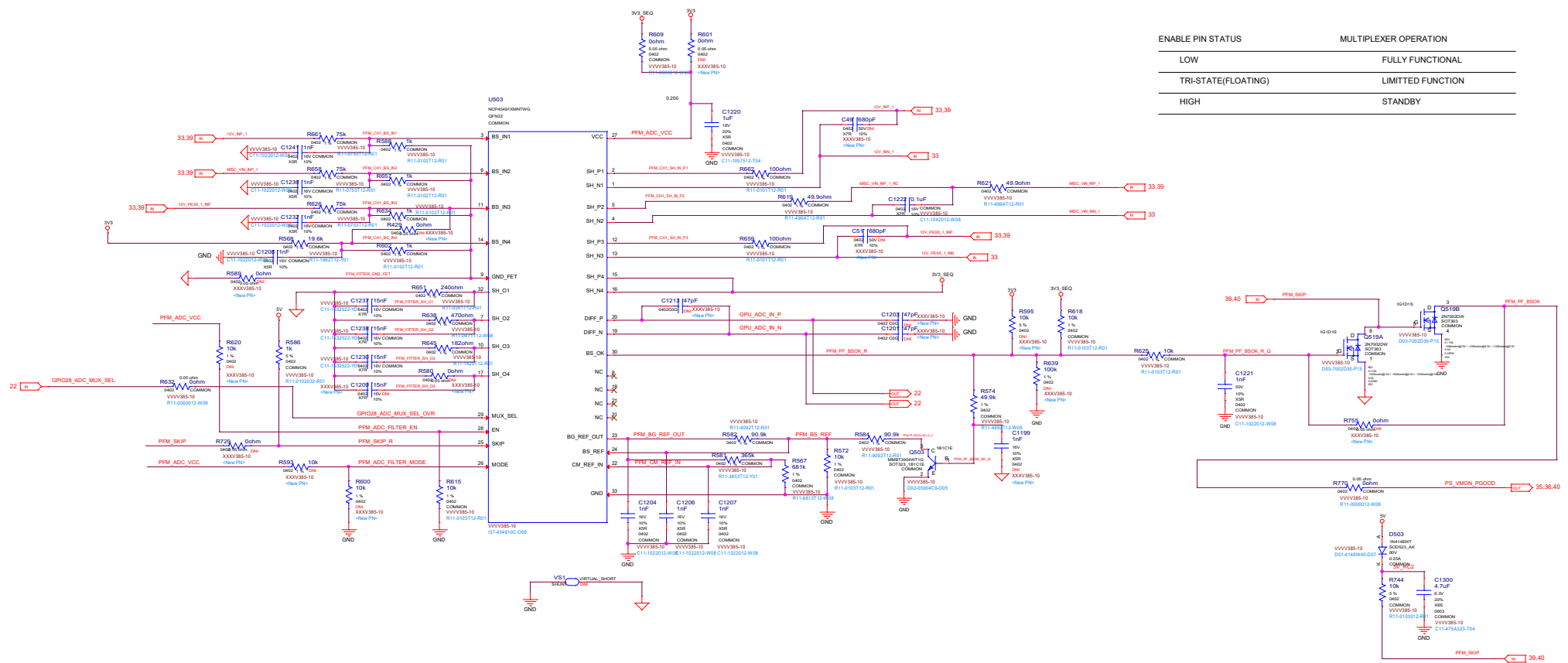




4-PIN FAN



Remove 2-PIN FAN



MODE PIN STATUS	MULTIPLEXER OPERATION
LOW	DEVICE A
TRI-STATE(FLOATING)	STAND-ALONE
HIGH	DEVICE B

ENABLE PIN STATUS	MULTIPLEXER OPERATION
LOW	FULLY FUNCTIONAL
TRI-STATE(FLOATING)	LIMITED FUNCTION
HIGH	STANDBY

Route the trace to PCB Golden Finger

