

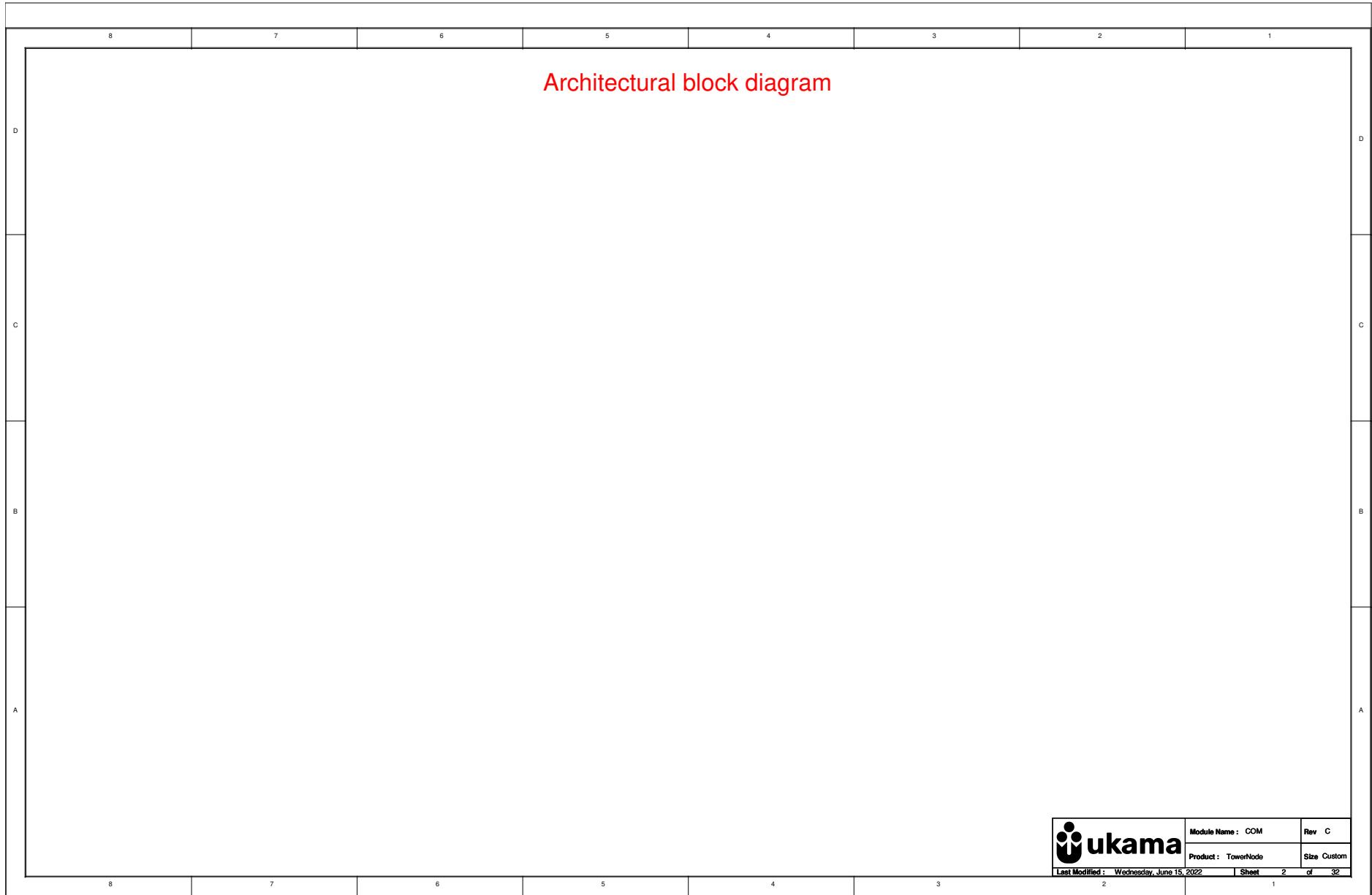
Product name: TowerNode

Module name: COM

R E V I S I O N C

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8

7

6

5

4

3

2

1

Power tree

D

D

C

C

B

B

A

A

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8

7

6

5

4

3

2

1

8

7

6

5

4

3

2

1

Reset tree

D

D

C

C

B

B

A

A

8

7

6

5

4

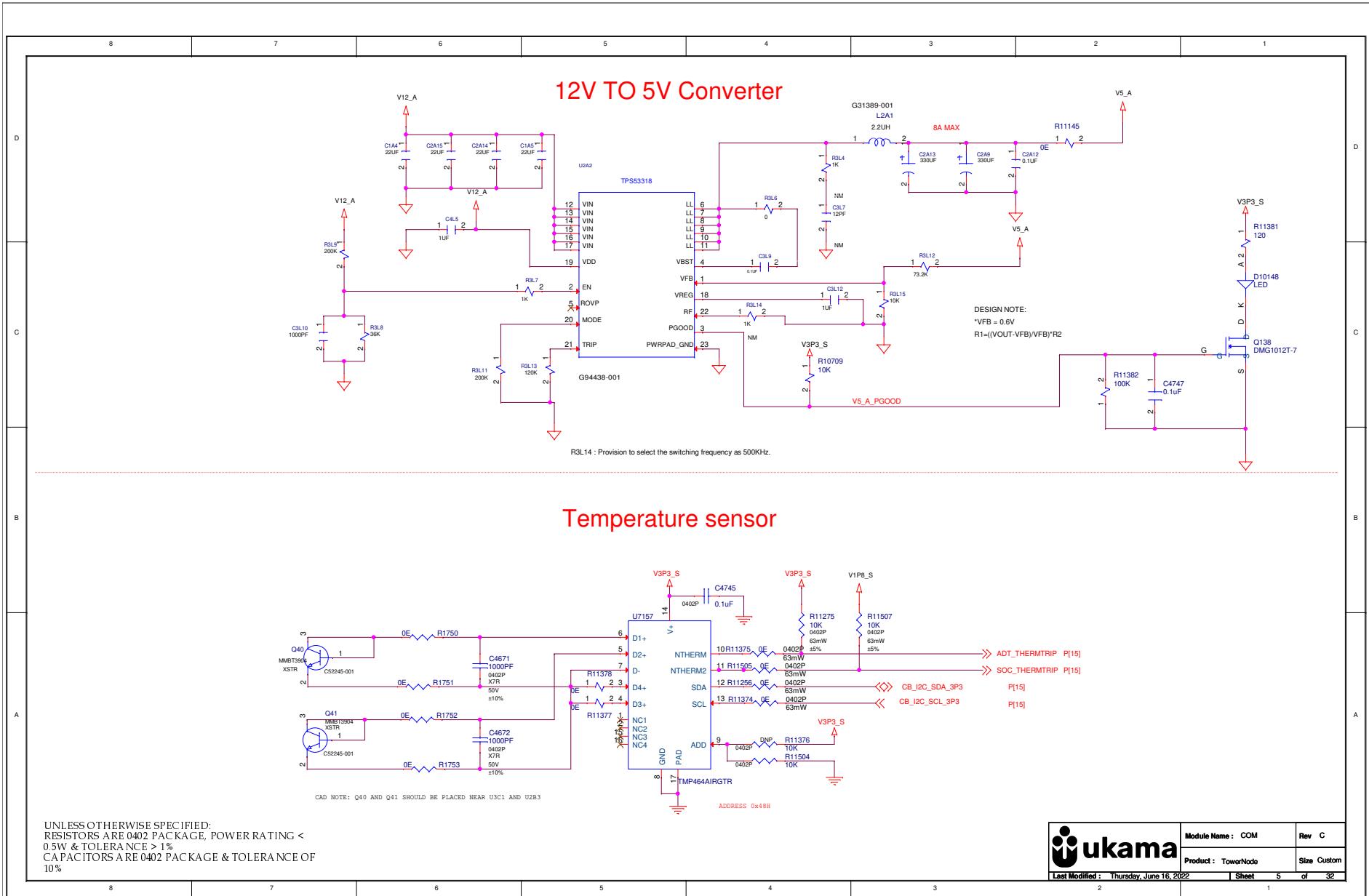
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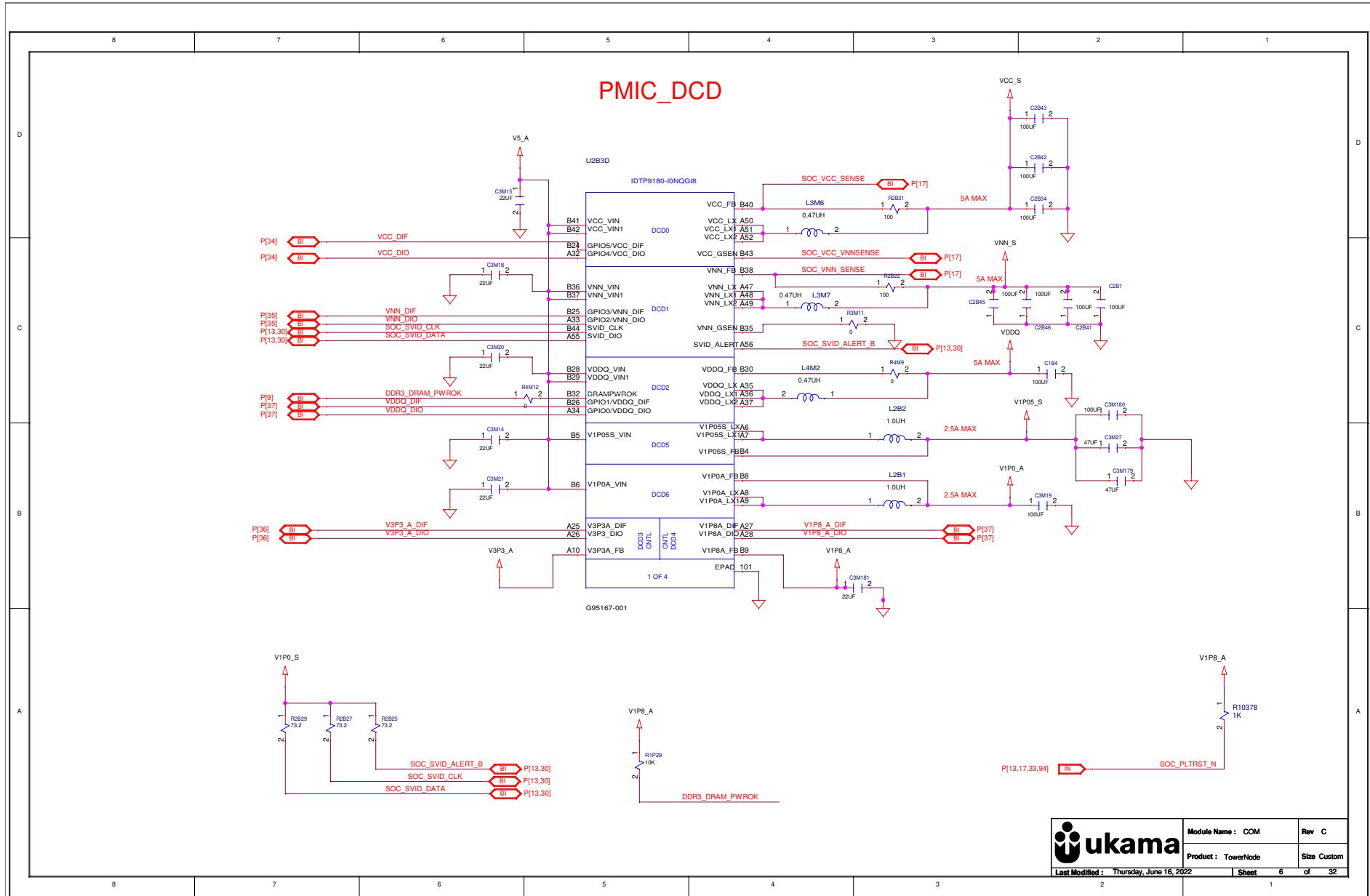
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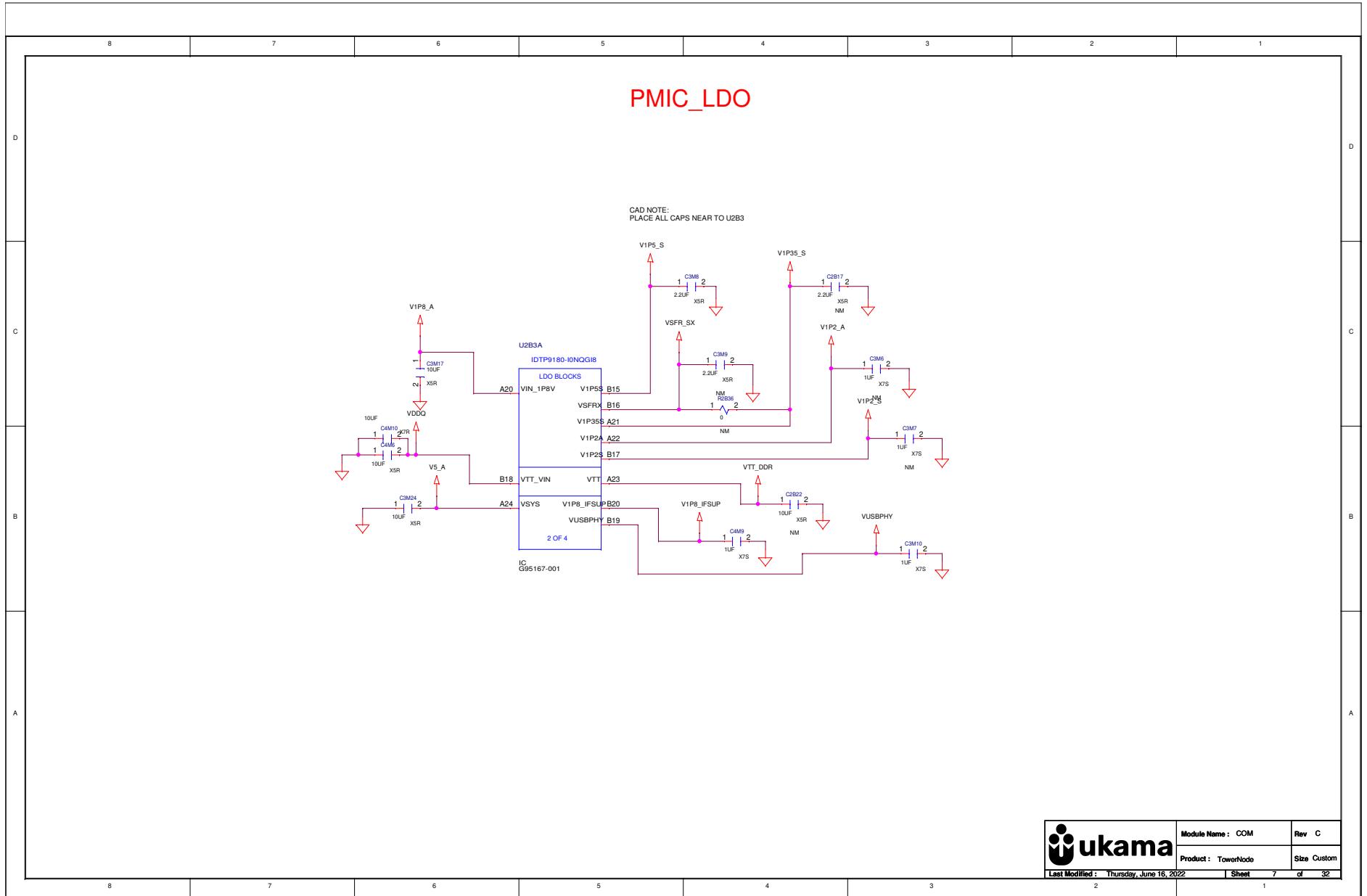
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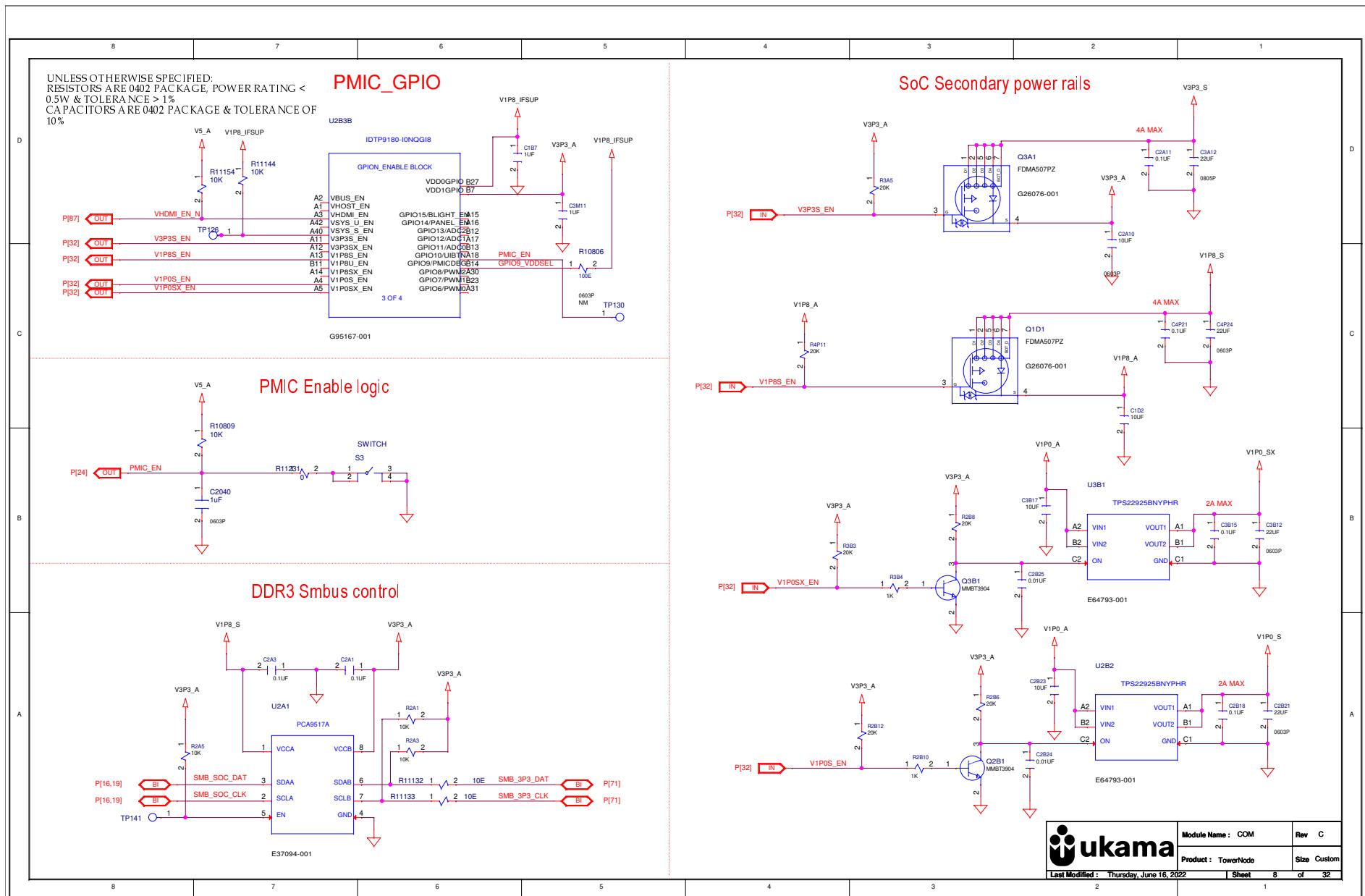
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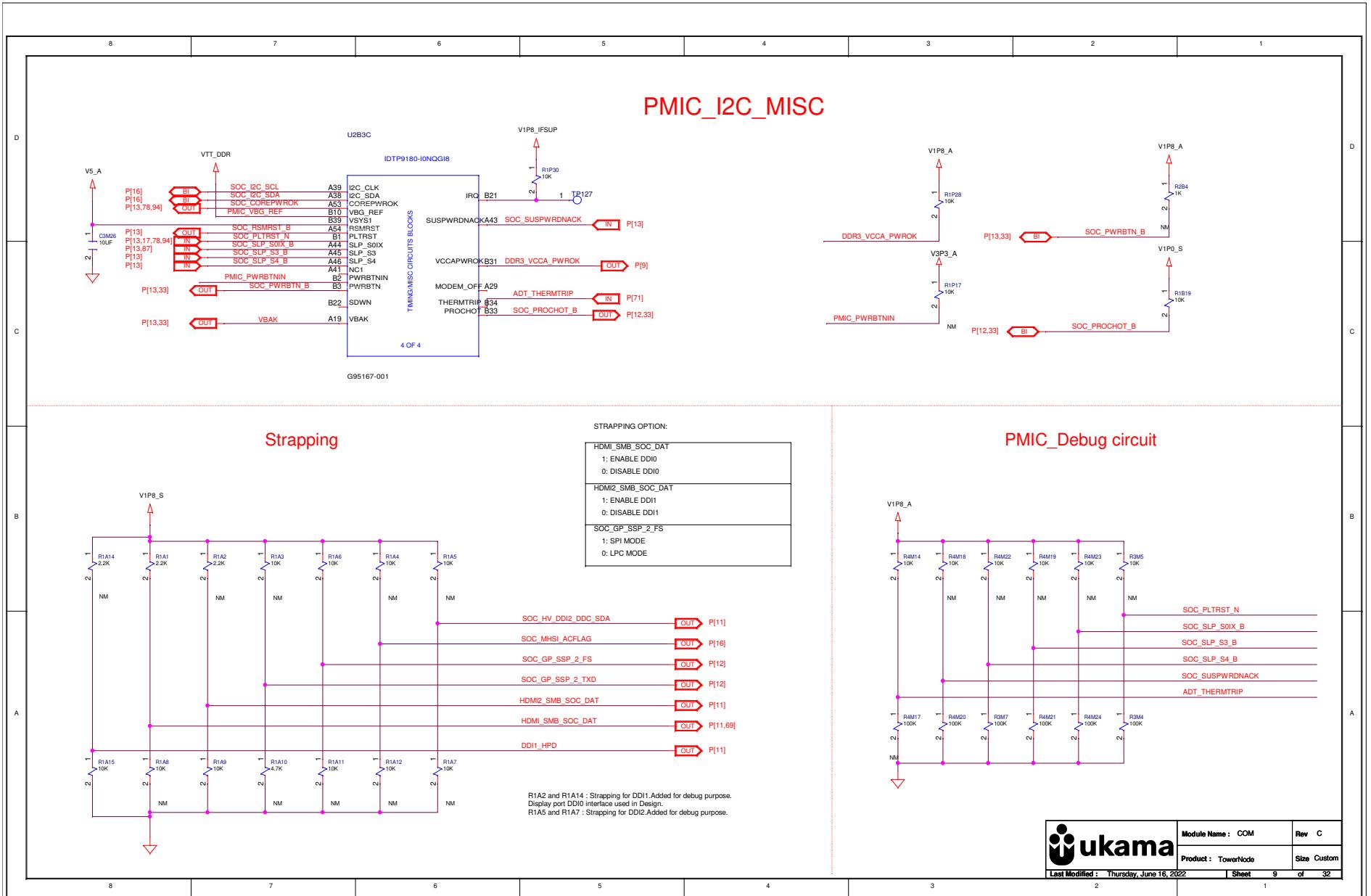


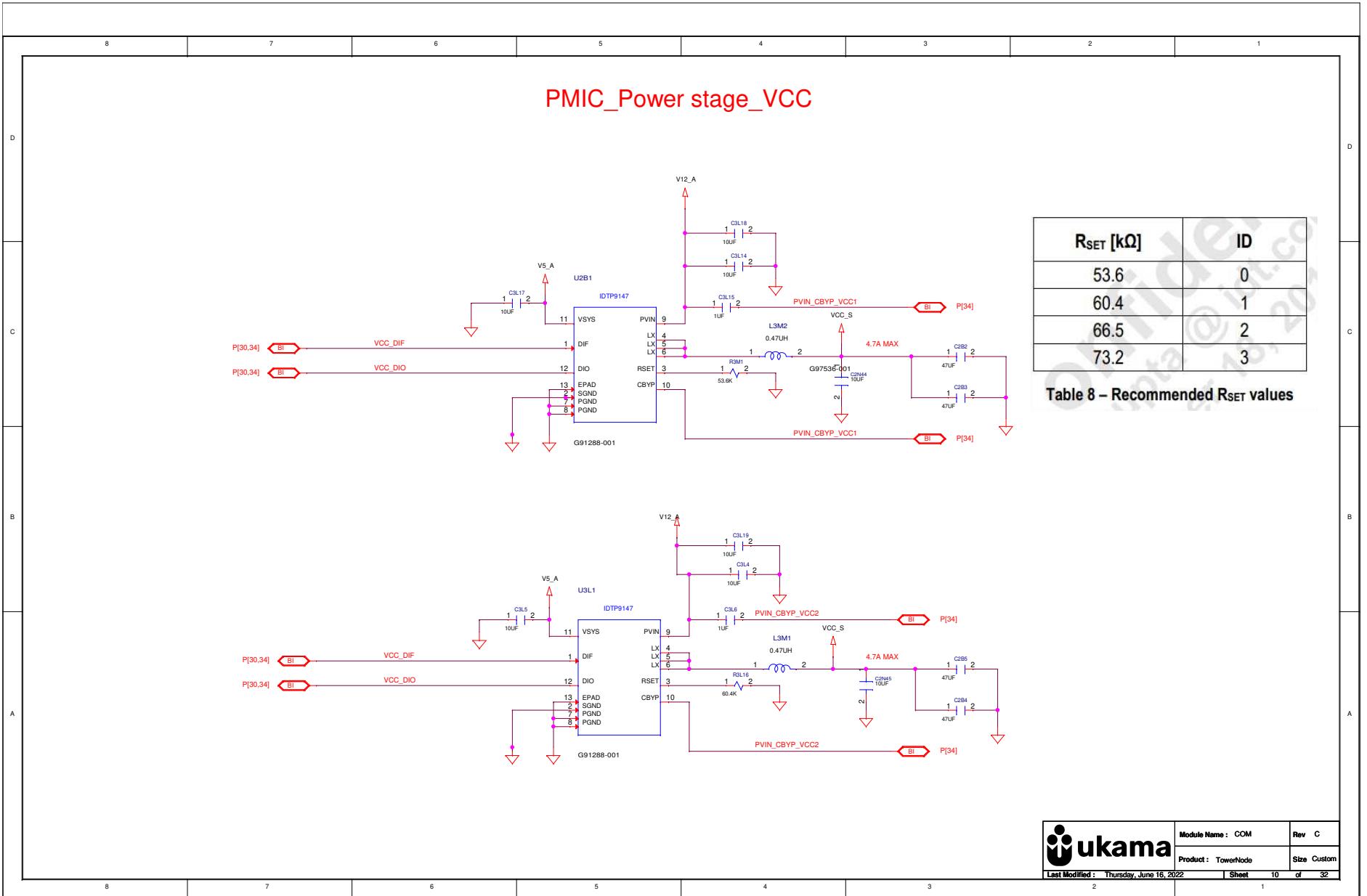




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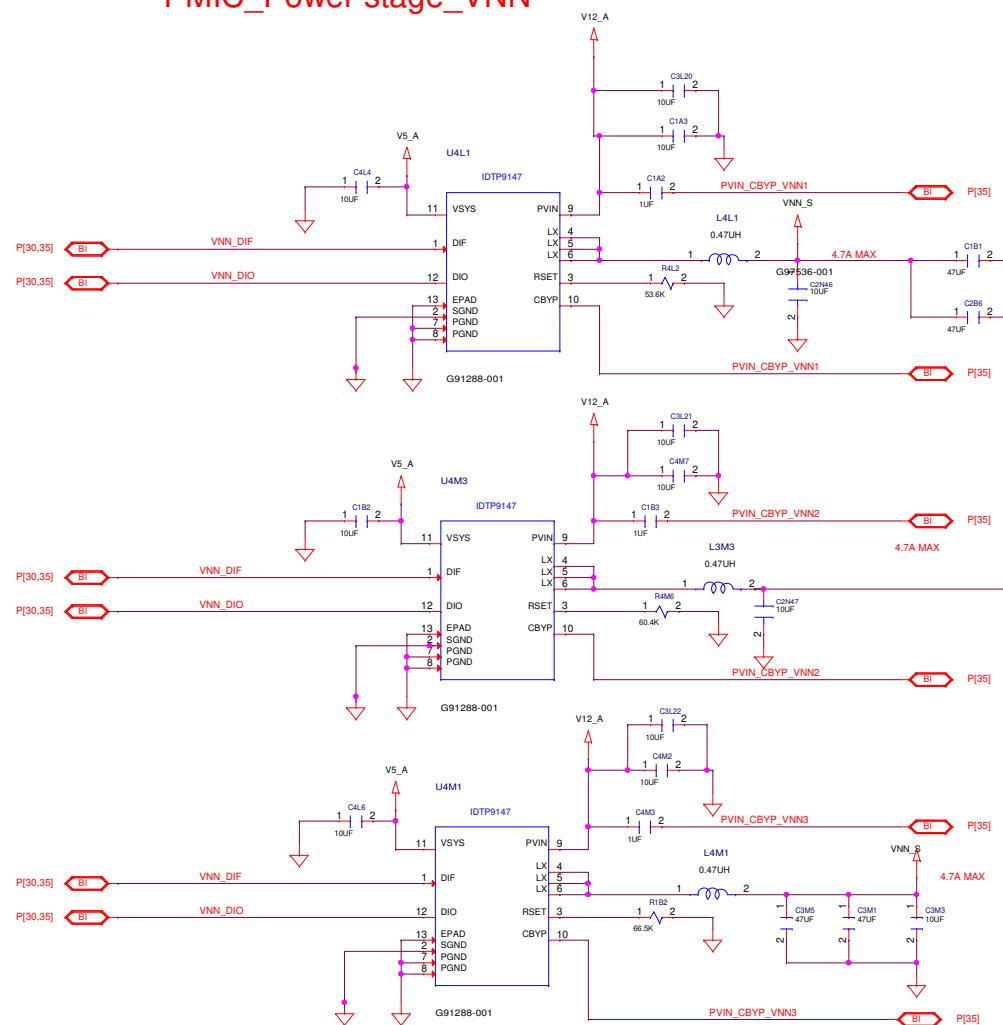
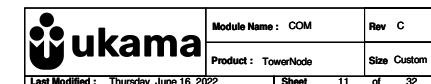
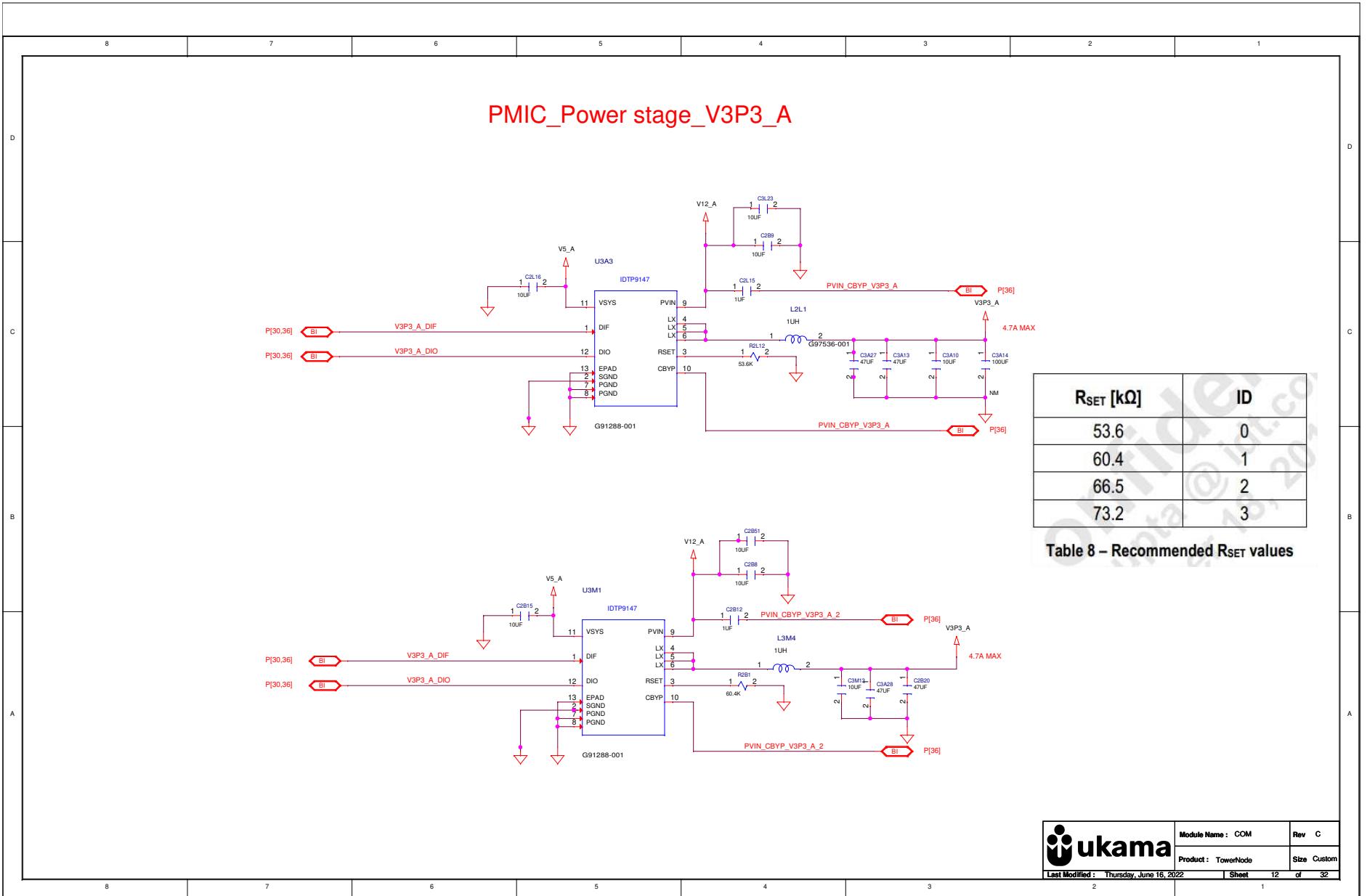


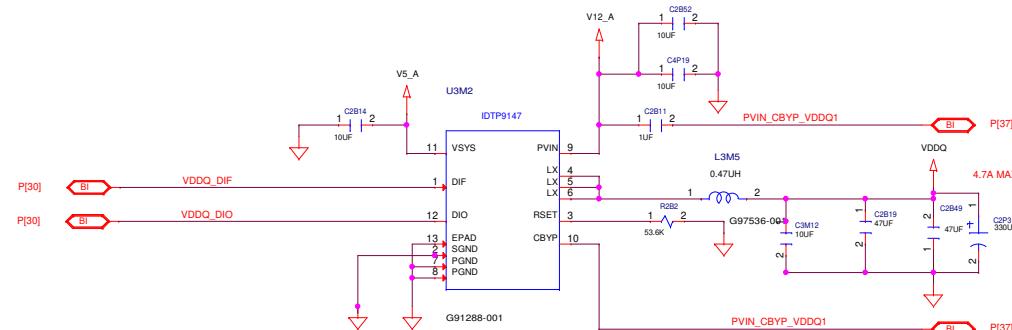
Table 8 – Recommended R_{SET} values

R _{SET} [kΩ]	ID
53.6	0
60.4	1
66.5	2
73.2	3



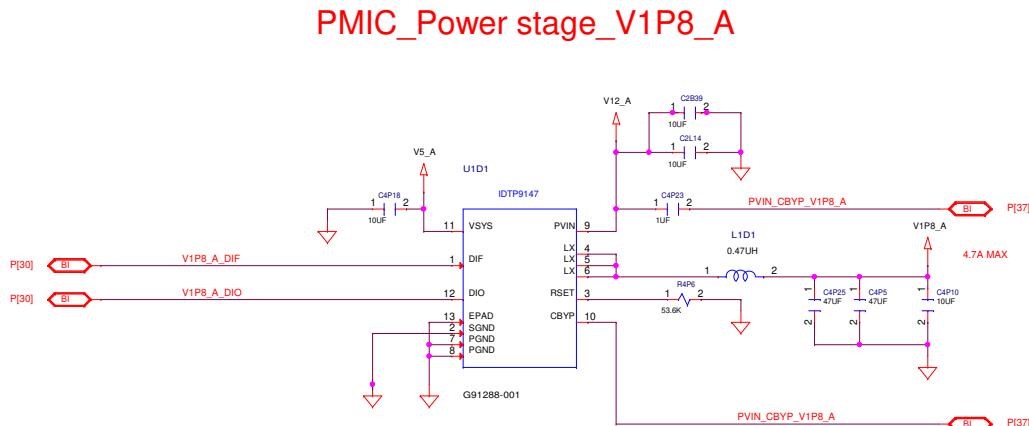


PMIC_Power stage_VDDQ

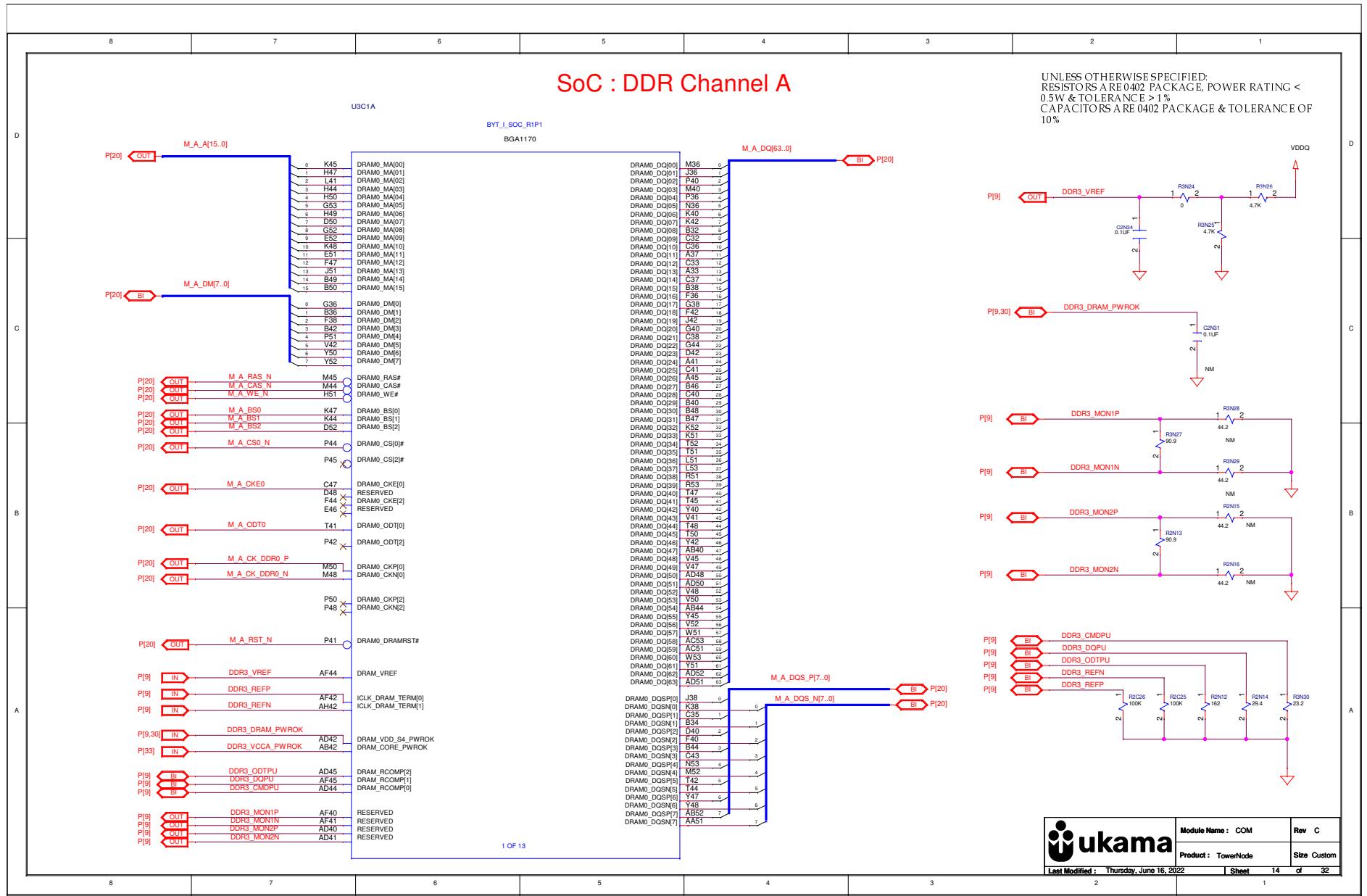


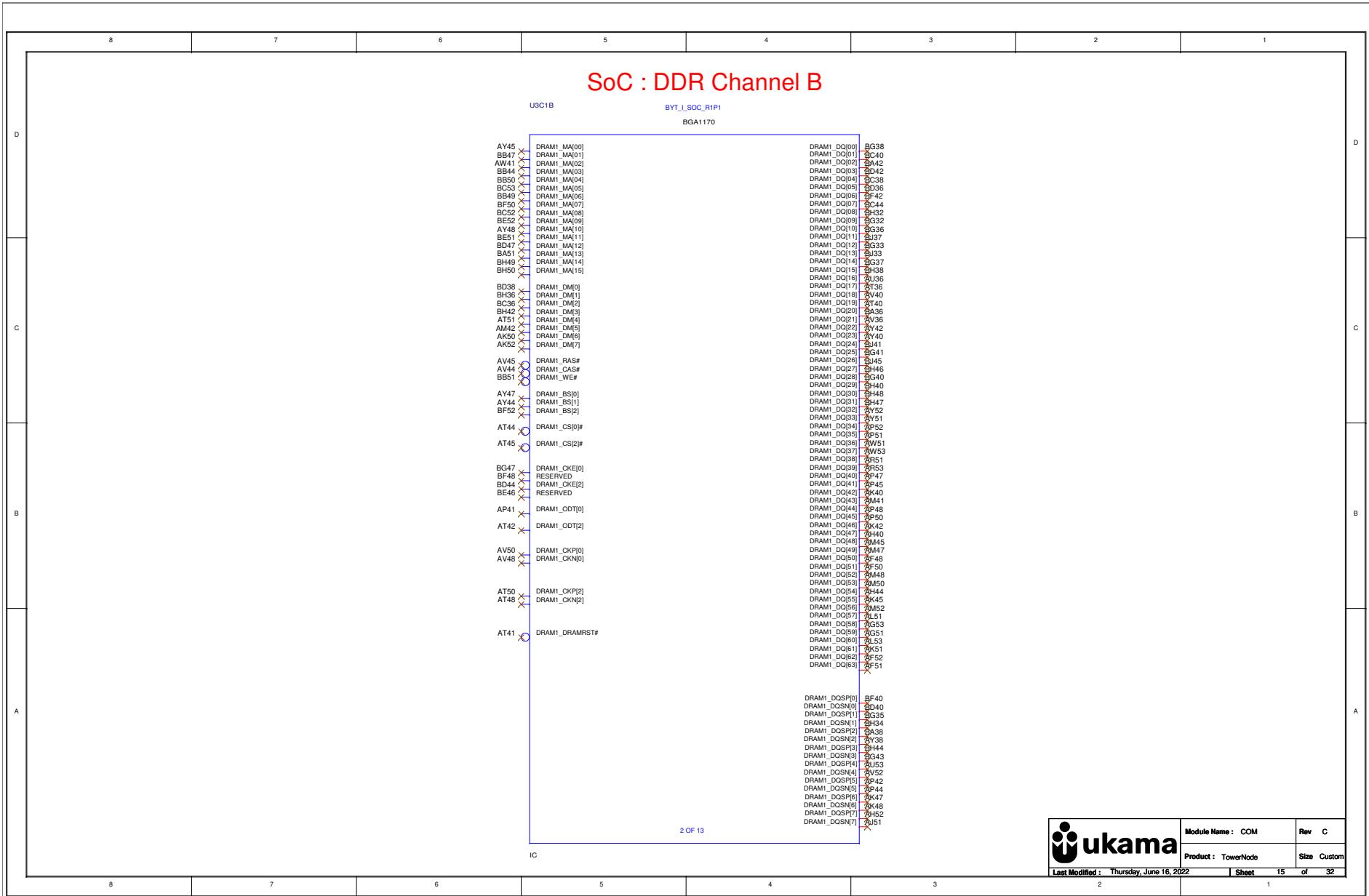
R_{SET} [kΩ]	ID
53.6	0
60.4	1
66.5	2
73.2	3

Table 8 – Recommended R_{SET} values



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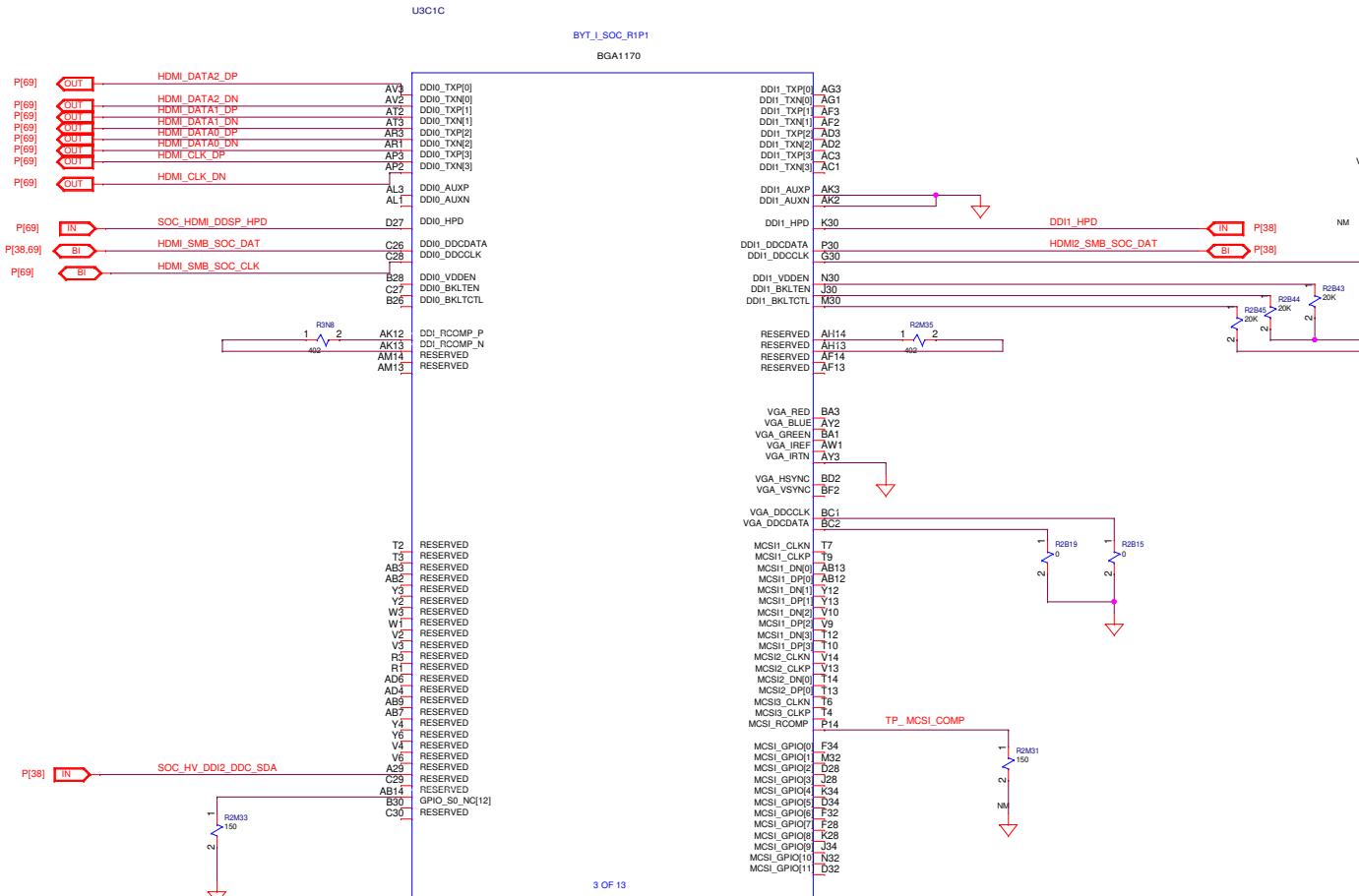




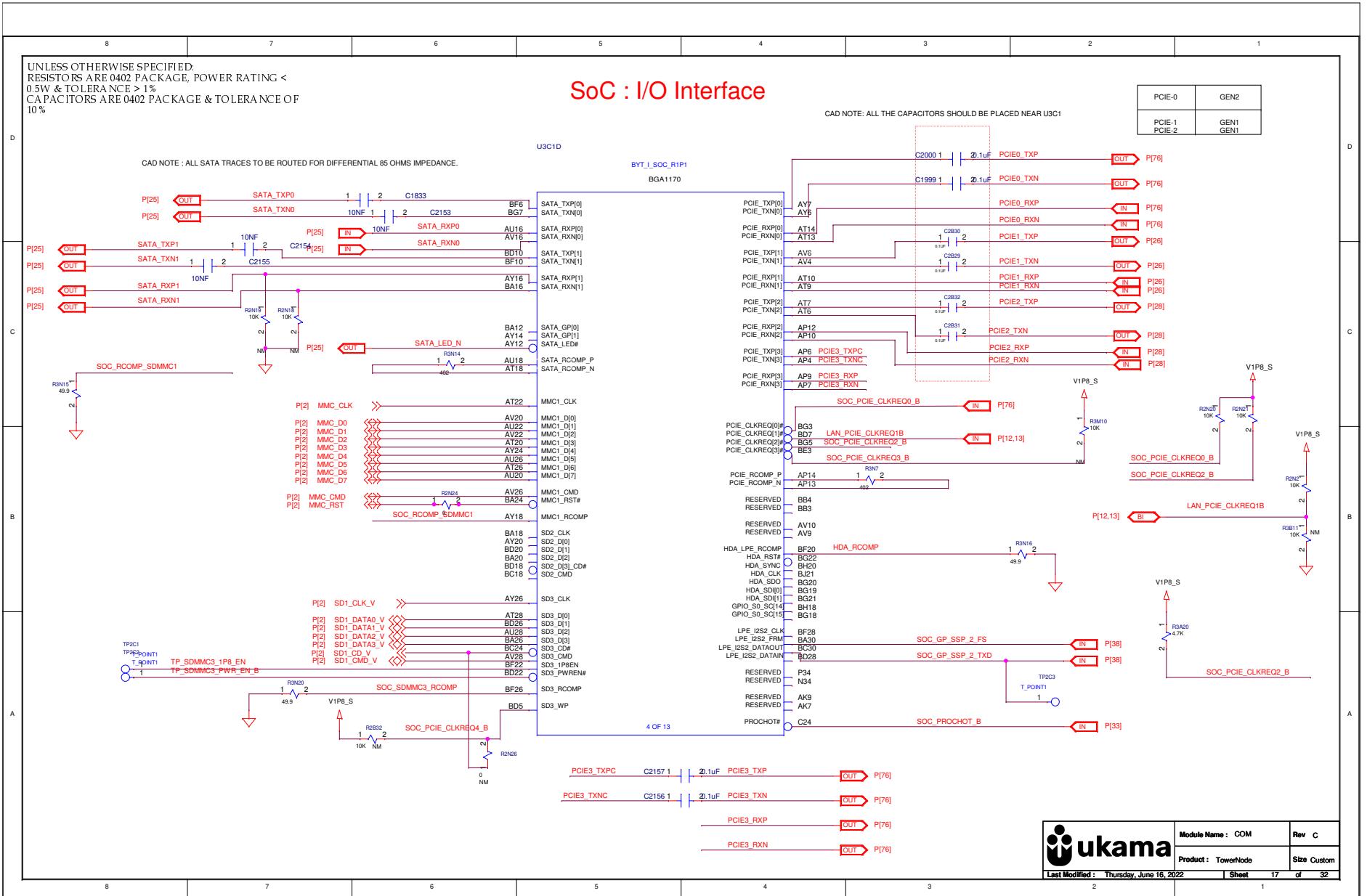
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SoC : Display Interface

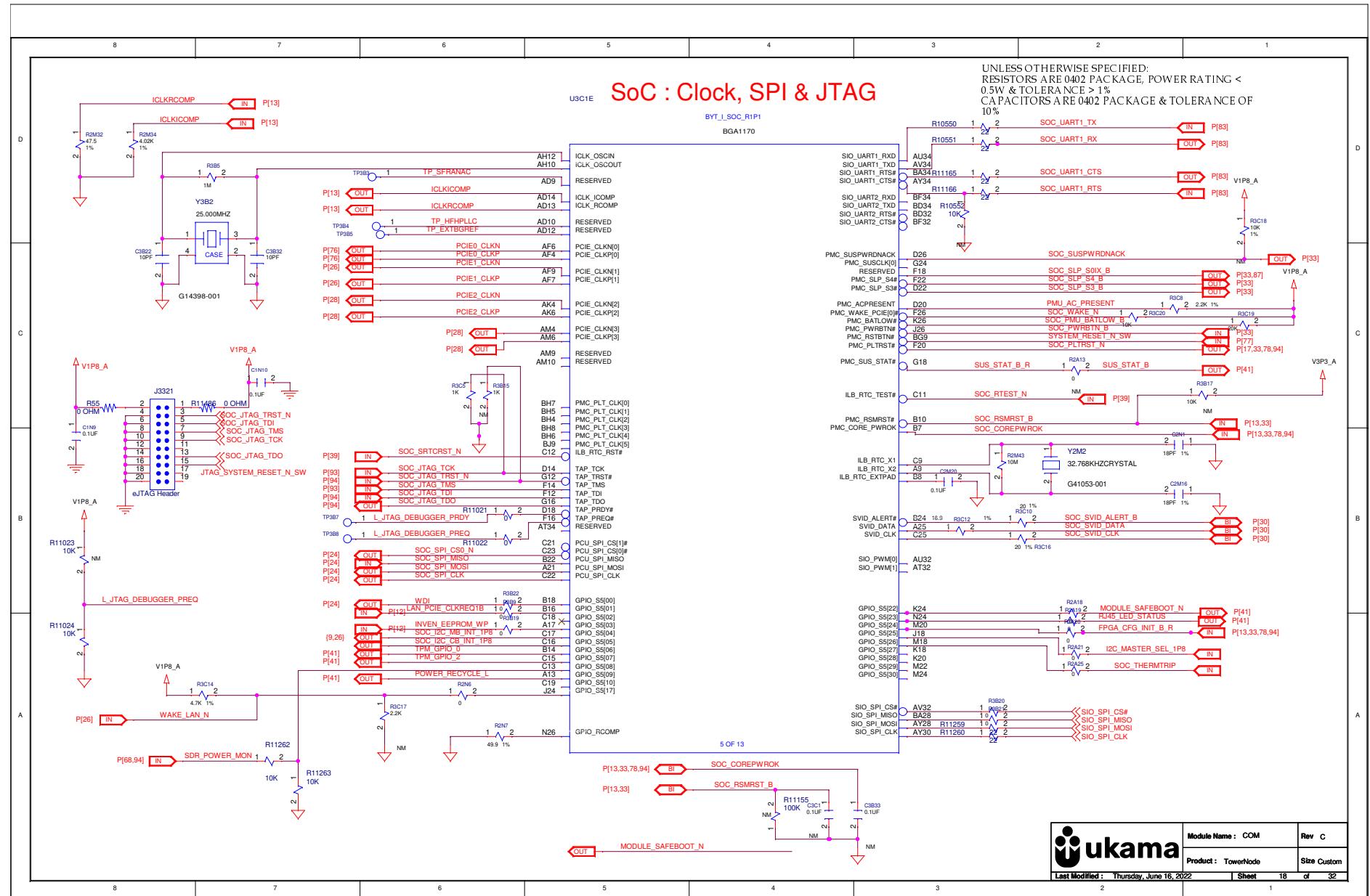
UNLESS OTHERWISE SPECIFIED:
RESISTORS ARE 0402 PACKAGE, POWER RATING < 0.5W &
TOLERANCE > 1%
CAPACITORS ARE 0402 PACKAGE & TOLERANCE OF 10%

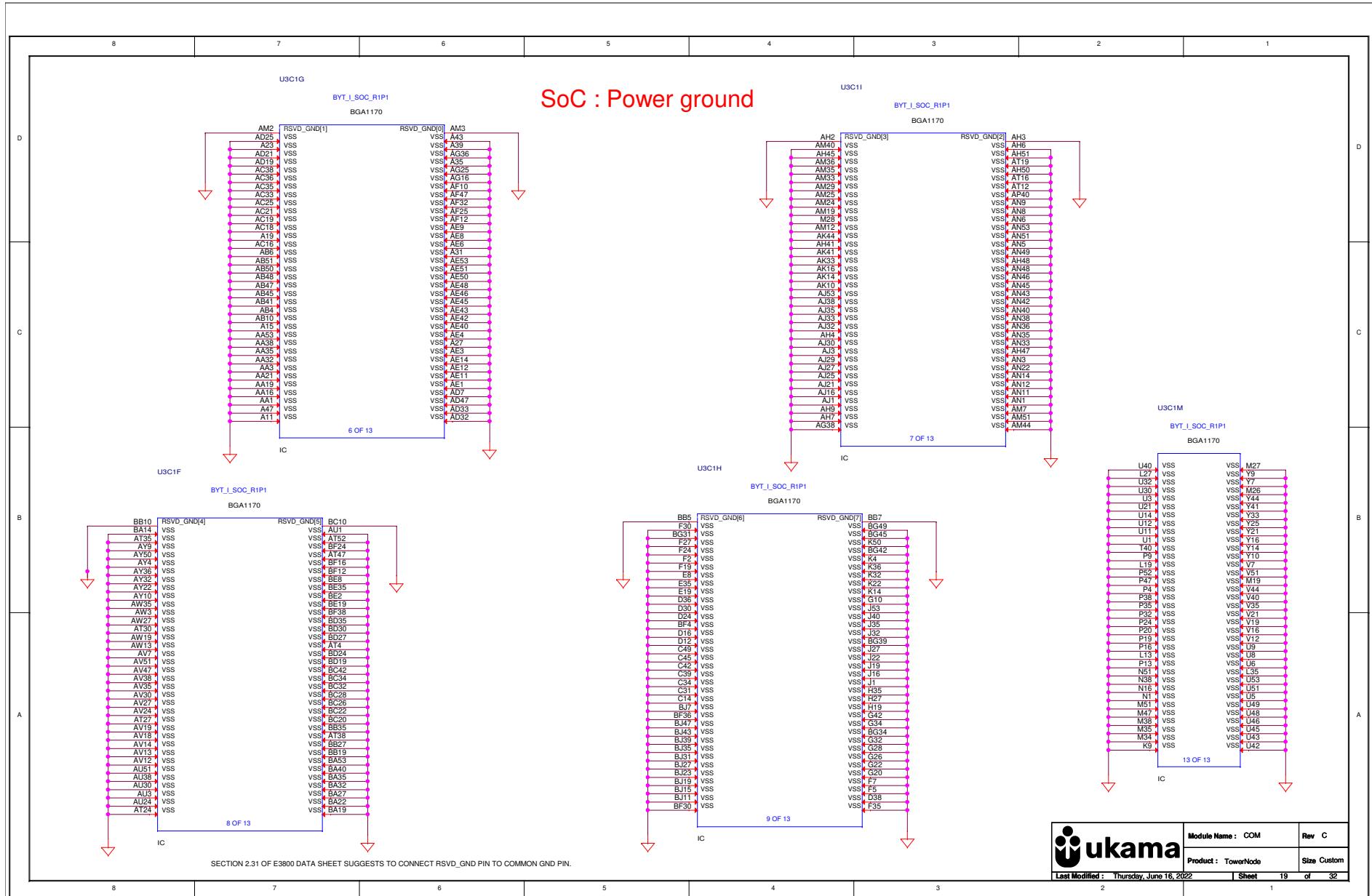


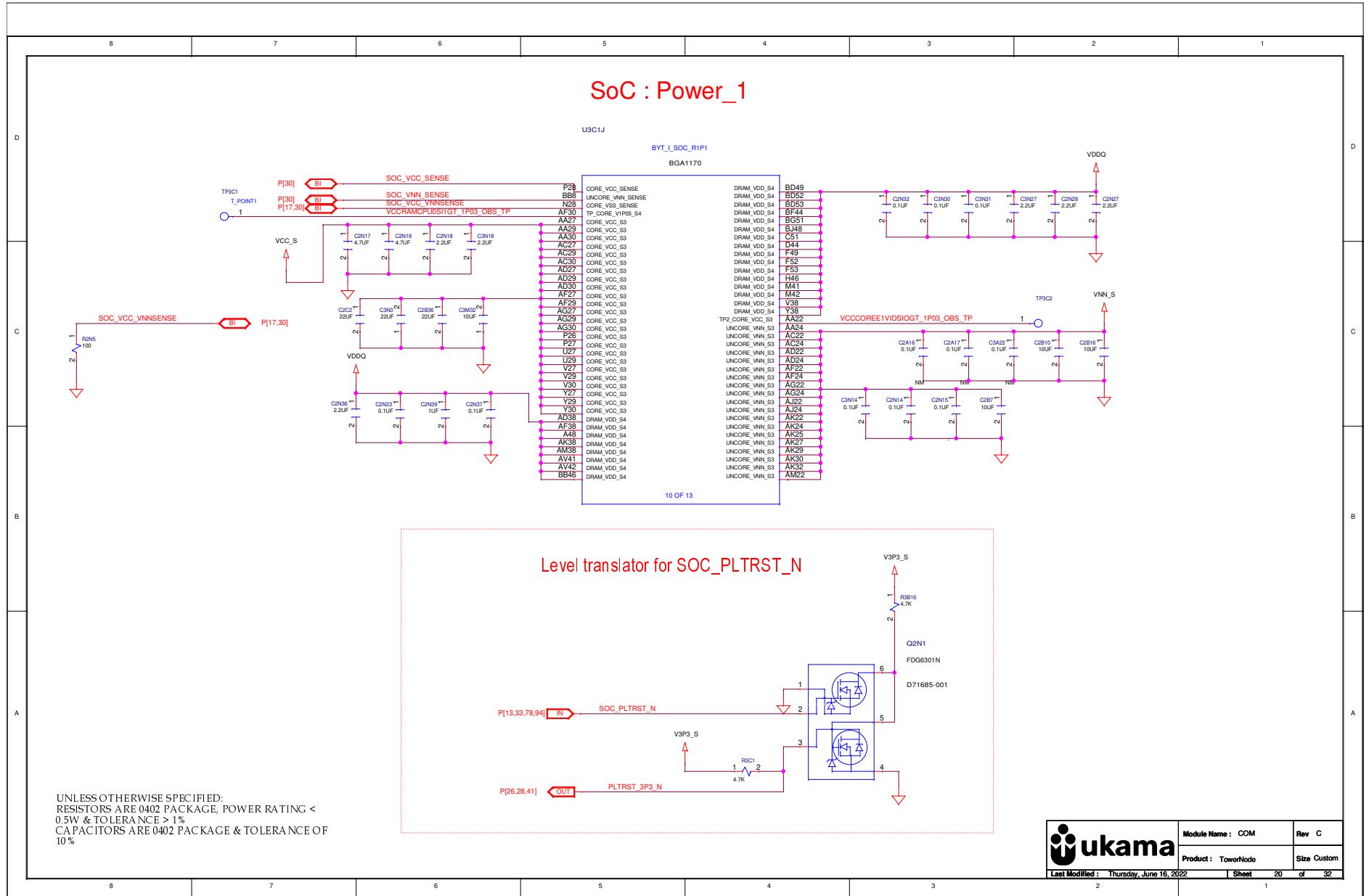
ukama Module Name : UCM Rev : 3
Product : TowerNode Size : Custom
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	Product : TowerNode	Size Custom
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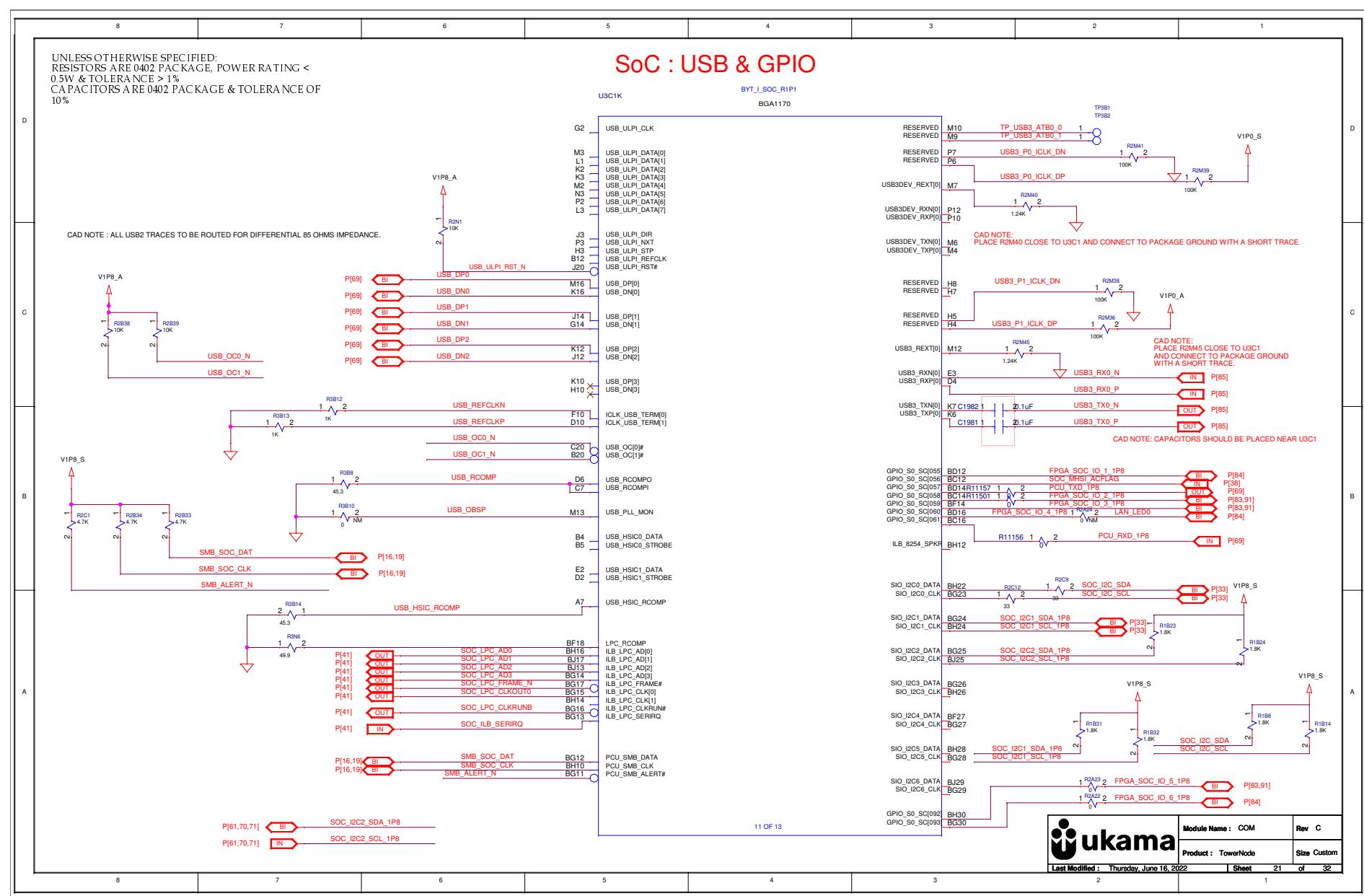


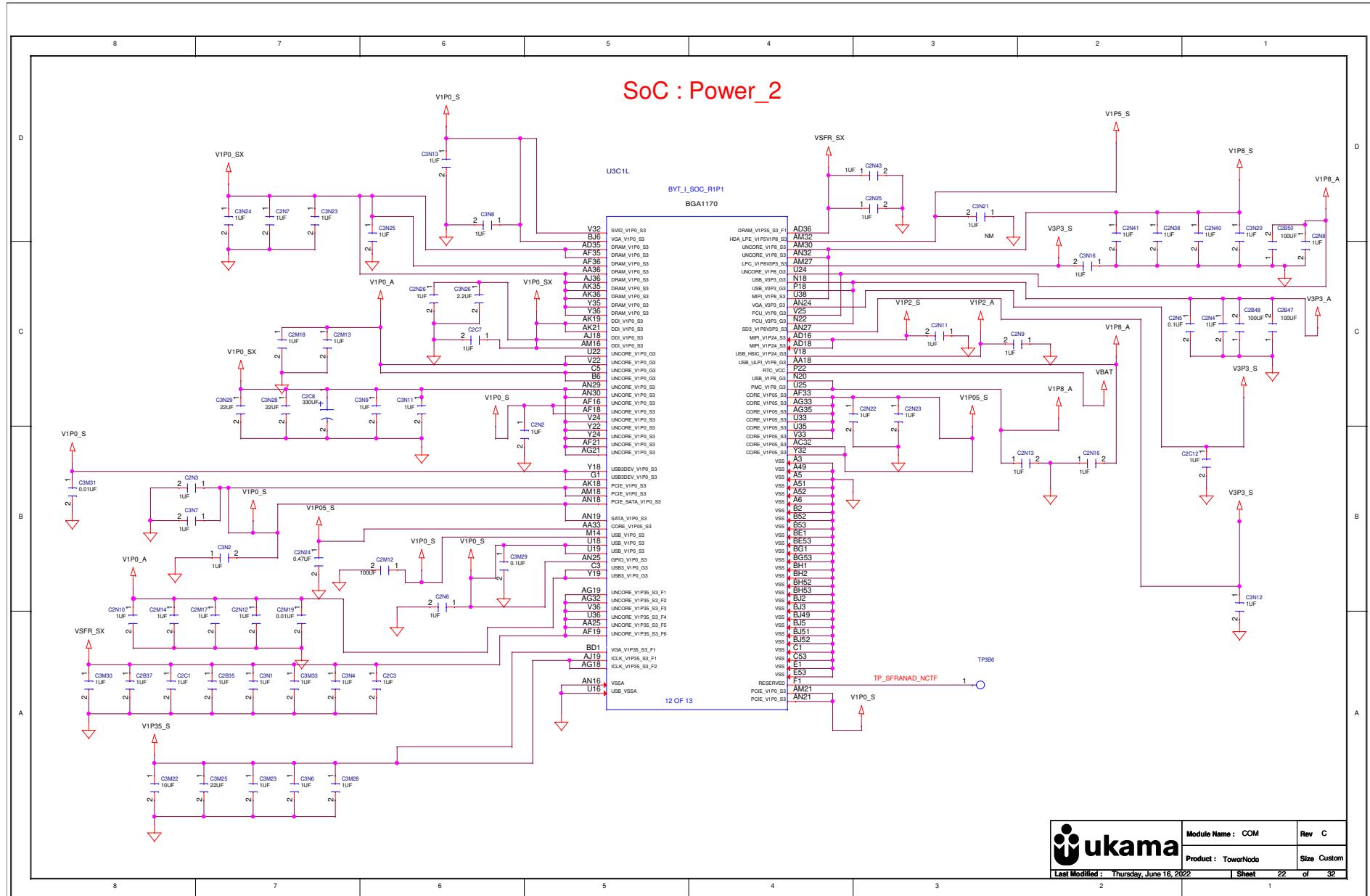




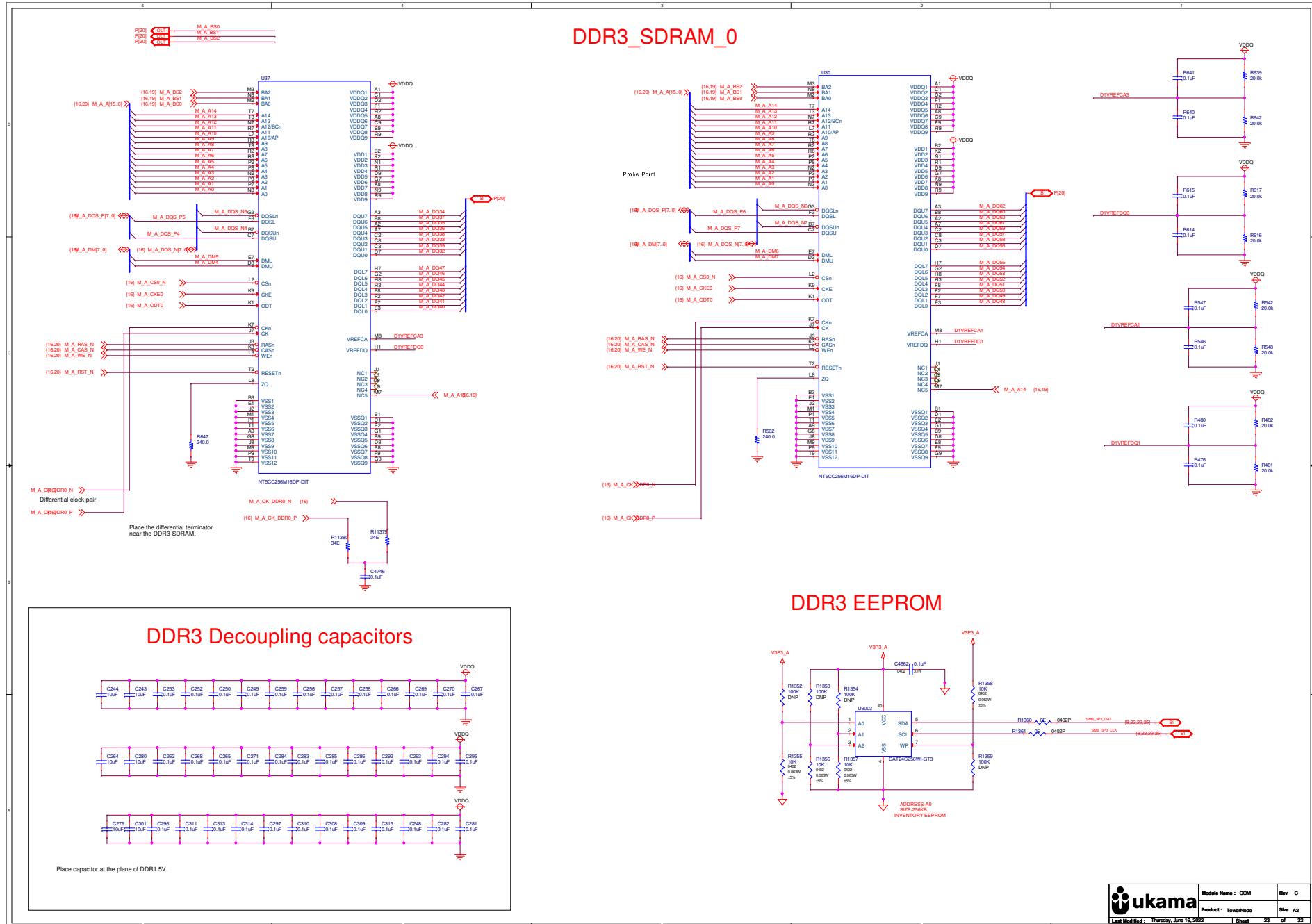
UNLESS OTHERWISE SPECIFIED:
RESISTORS ARE 0402 PACKAGE, POWER RATING < 0.5W & TOLERANCE > 1%
CAPACITORS ARE 0402 PACKAGE & TOLERANCE OF 10%

SoC : USB & GPIO

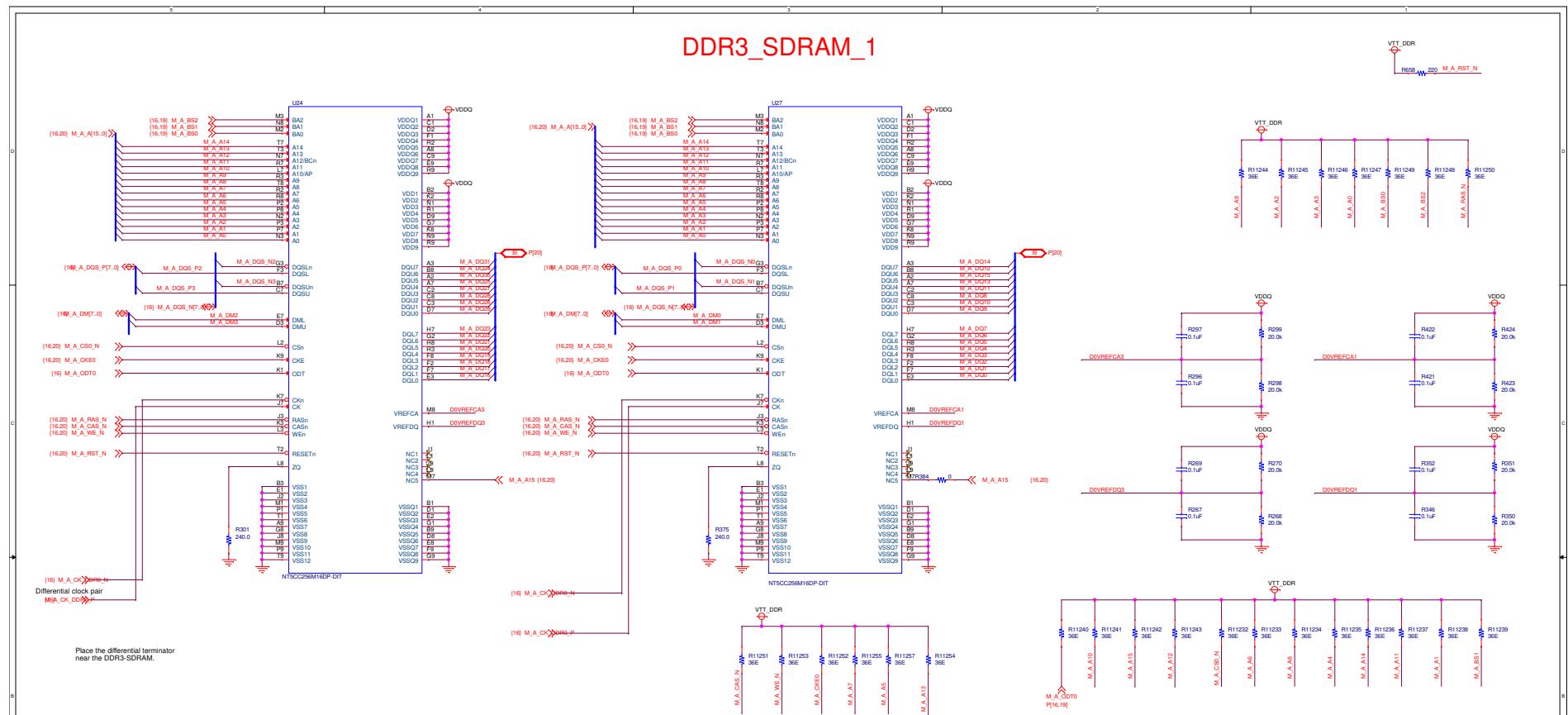




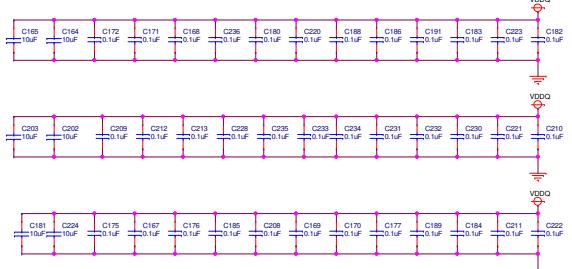
Module Name : COM	Rev C
Product : TowerNode	Size Custom
IC	1.25V



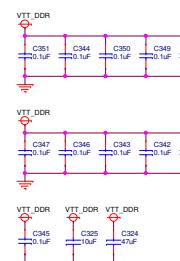
DDR3 SDRAM 1

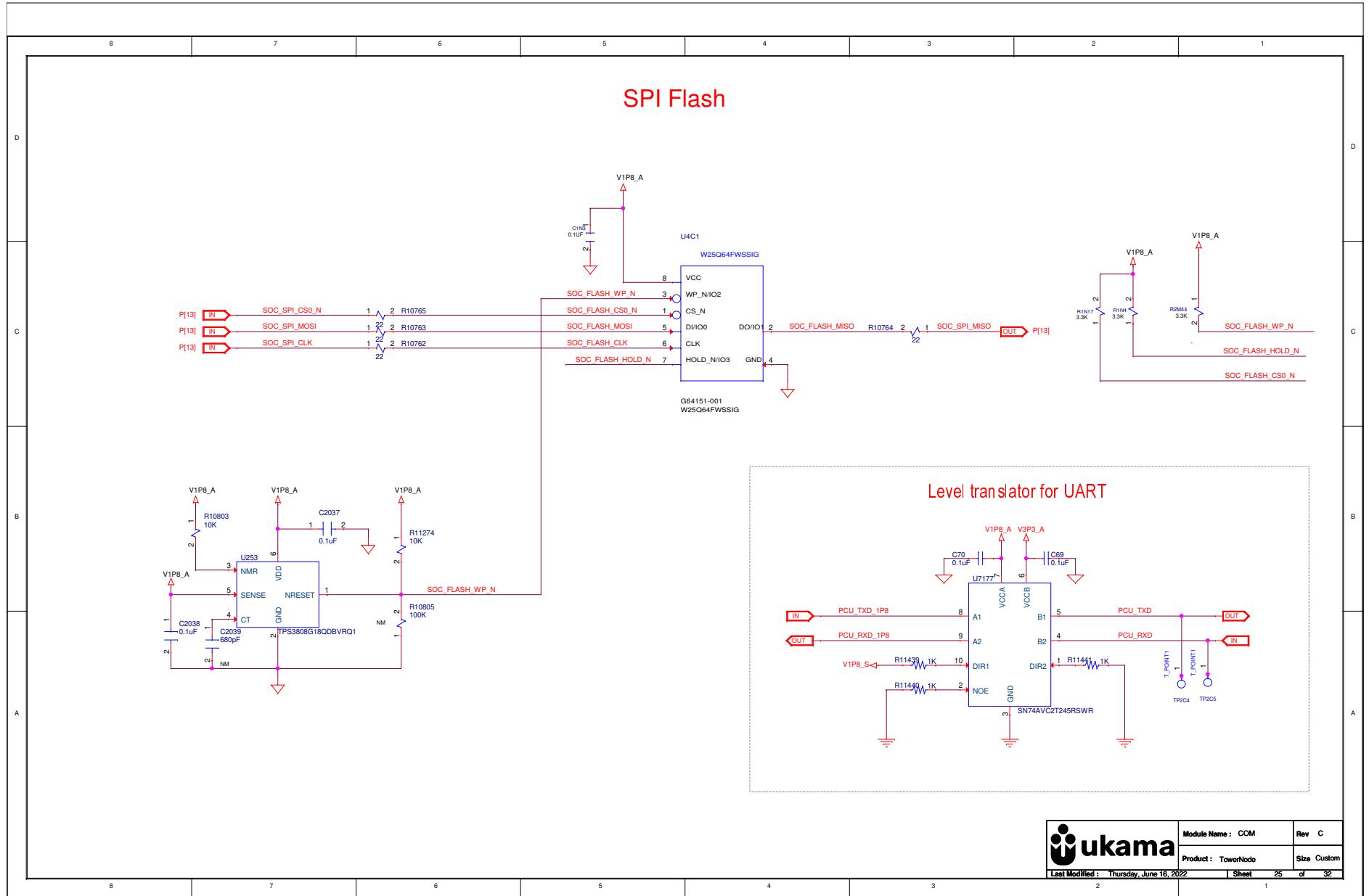


DDR3 Decoupling capacitors



Place capacitor at the plane of DDR1.5V.





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