

H1
MountingHole

H2
MountingHole

H3
MountingHole

H4
MountingHole

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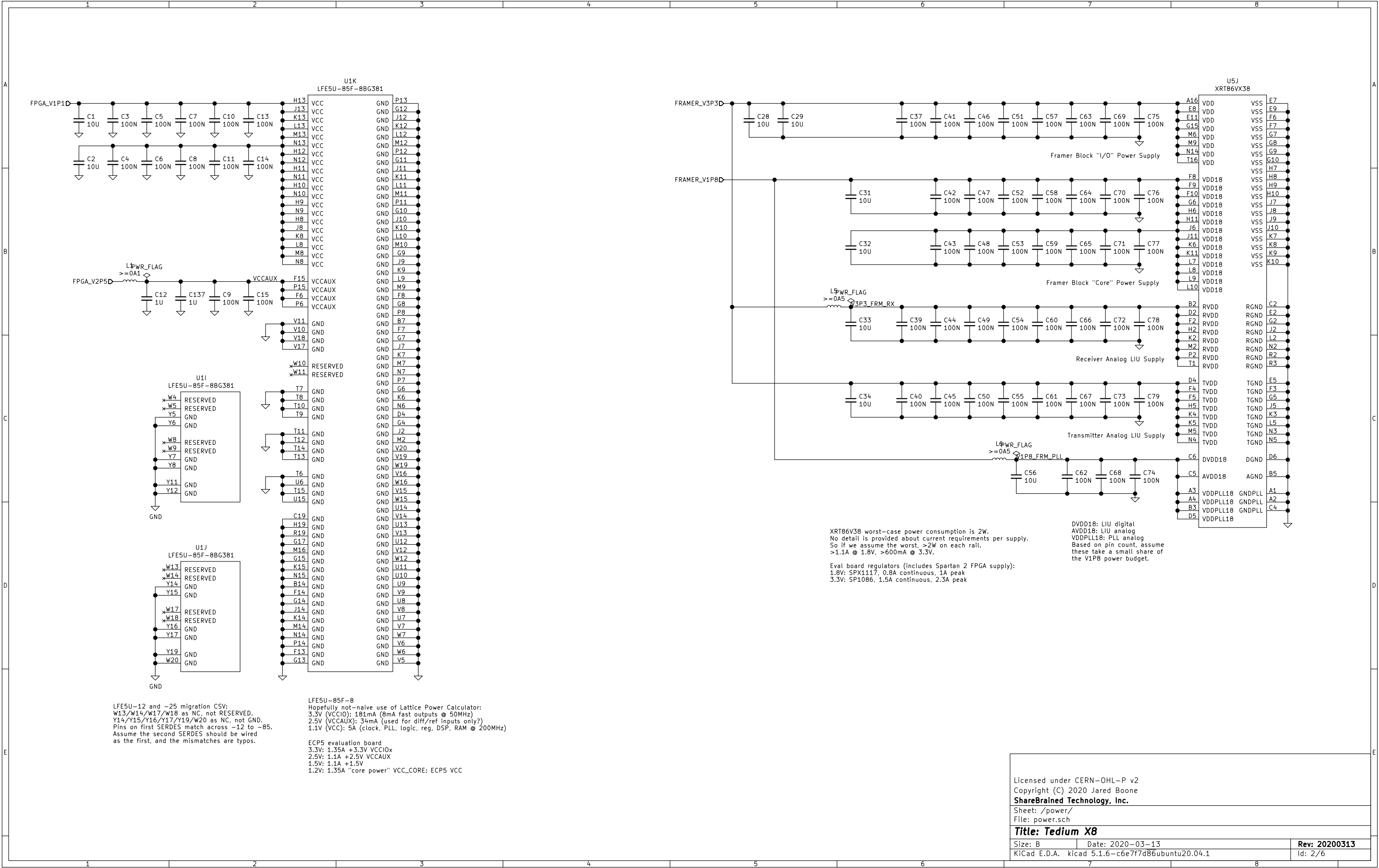
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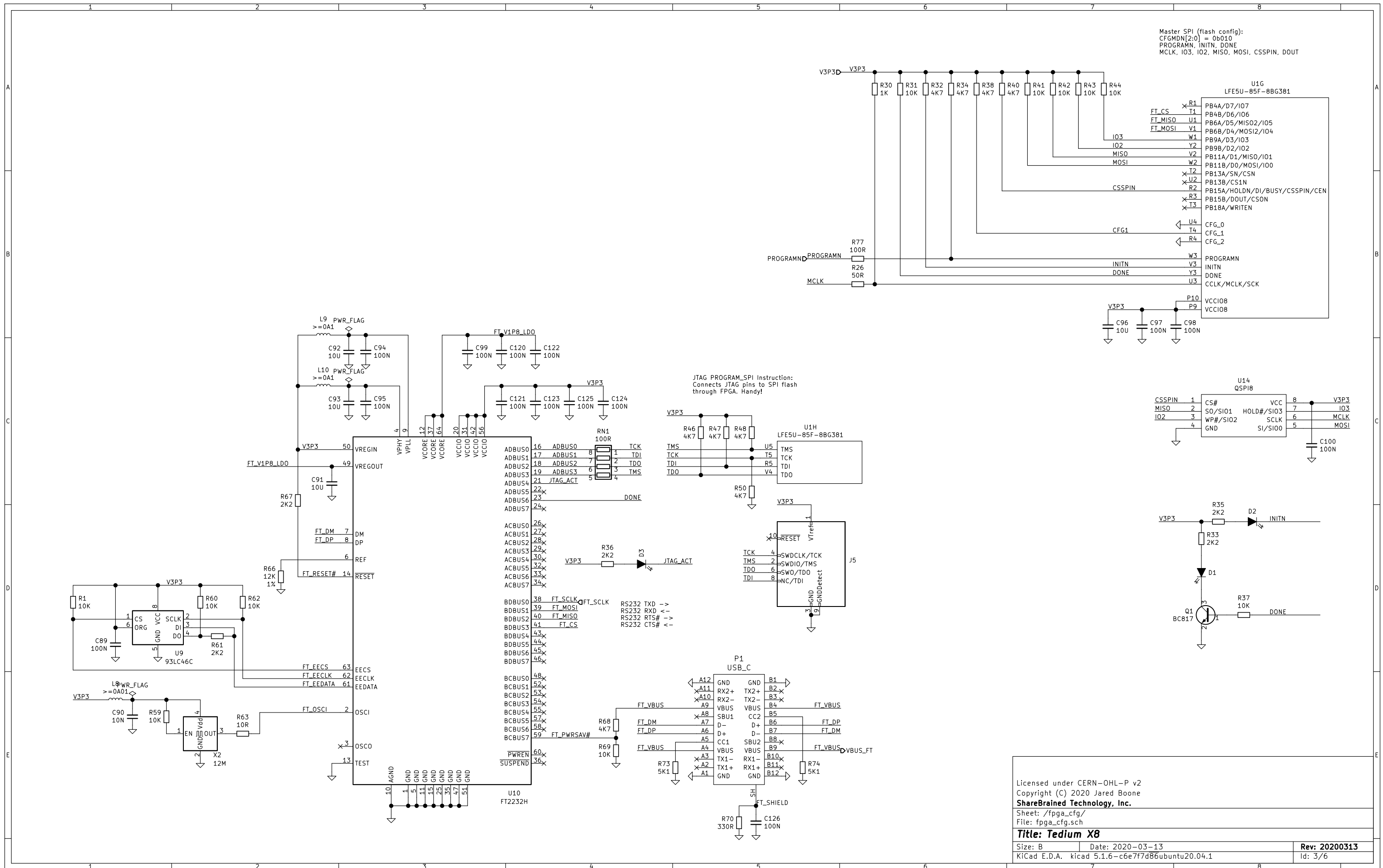
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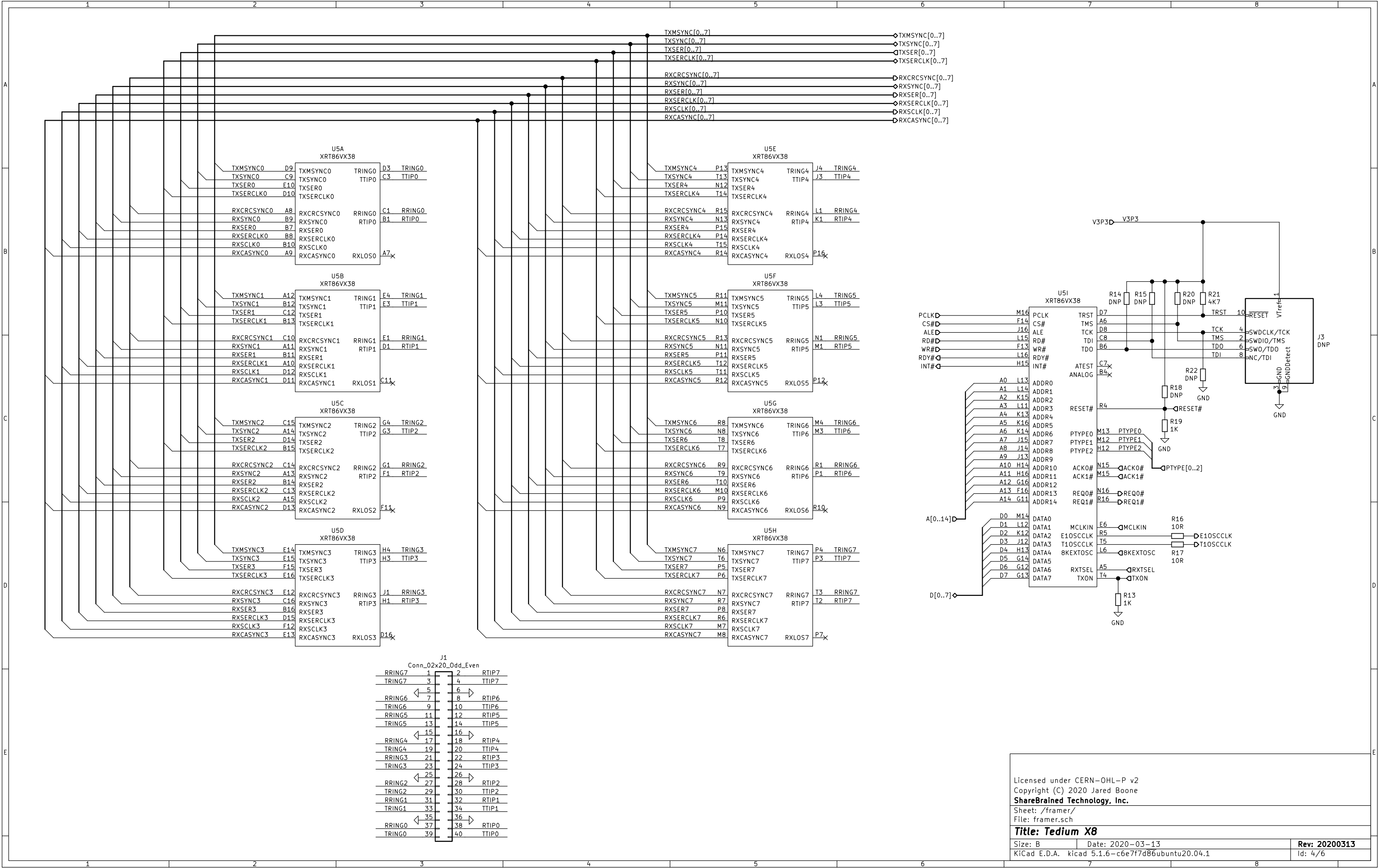
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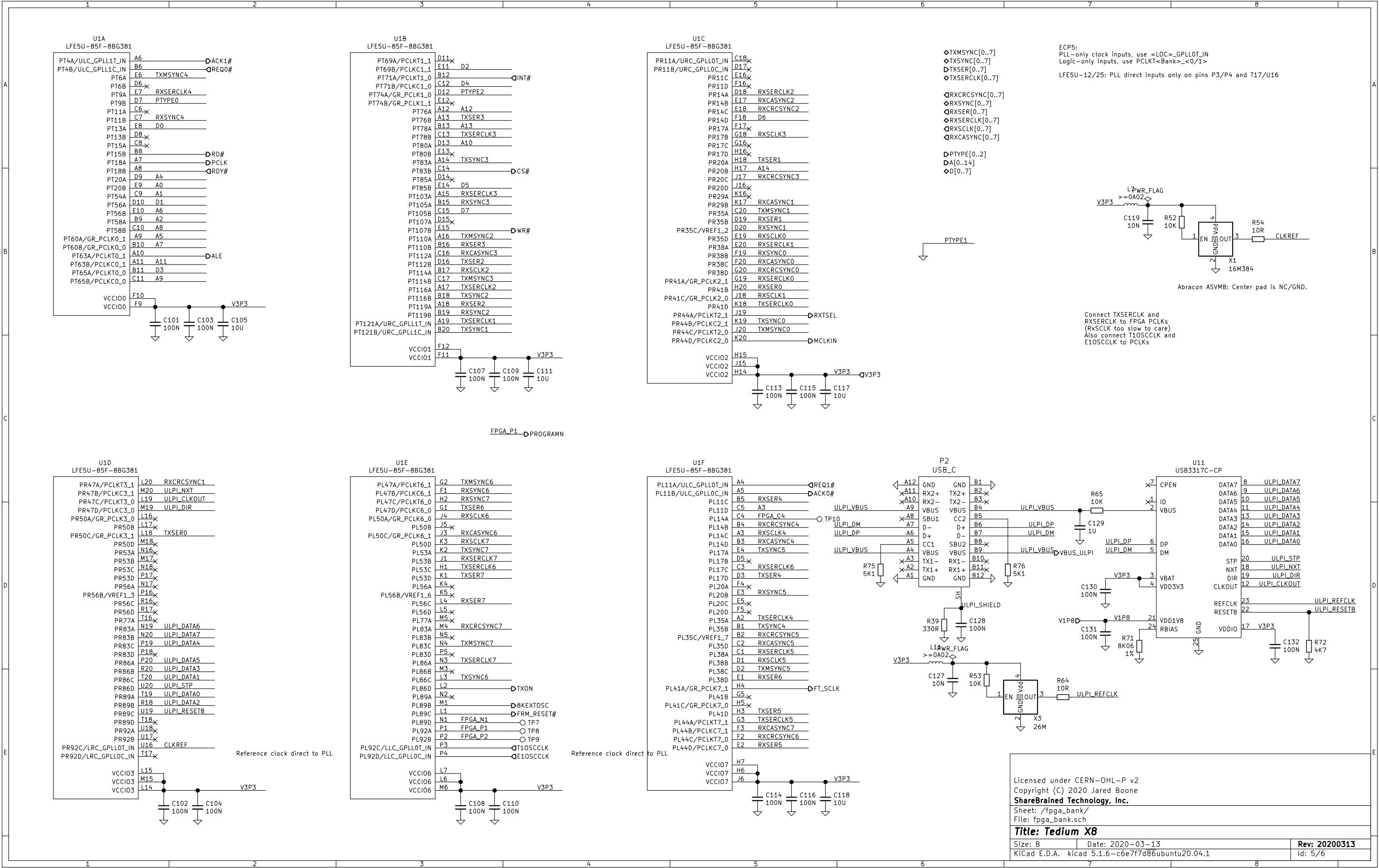
Rev: 20200313

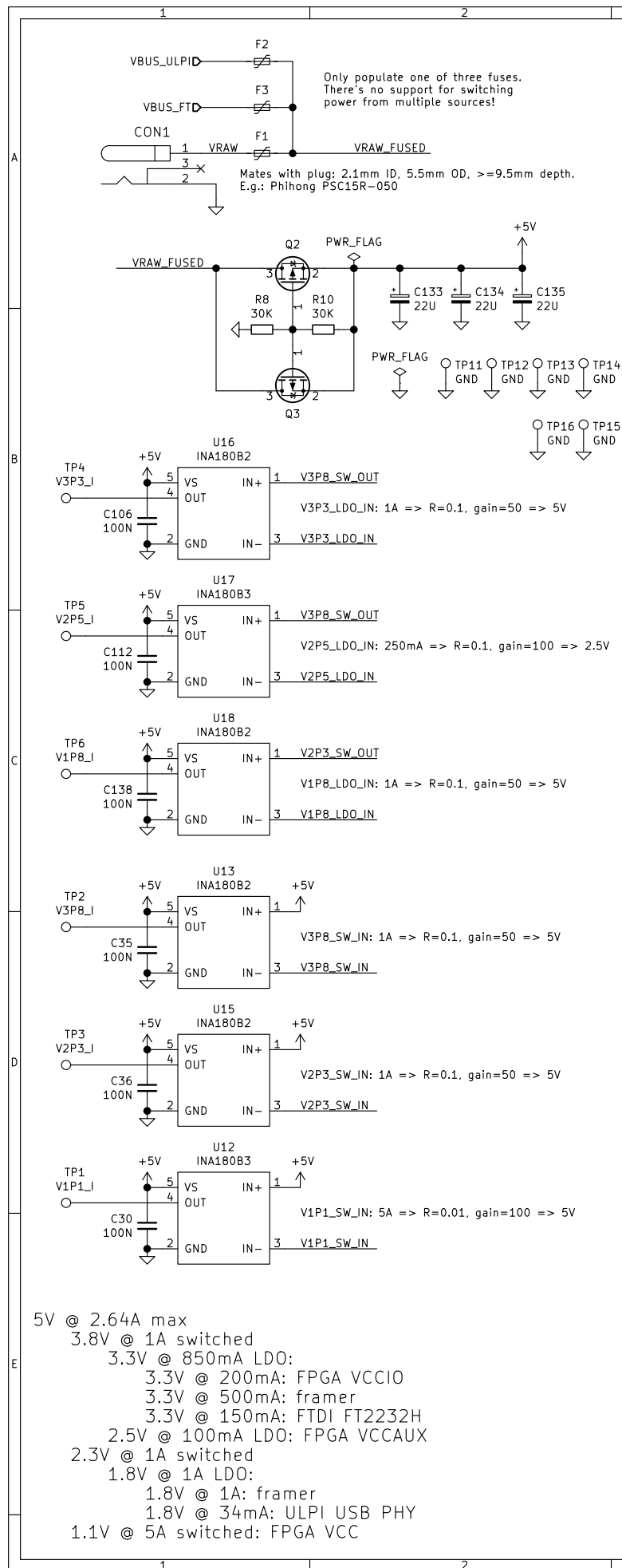
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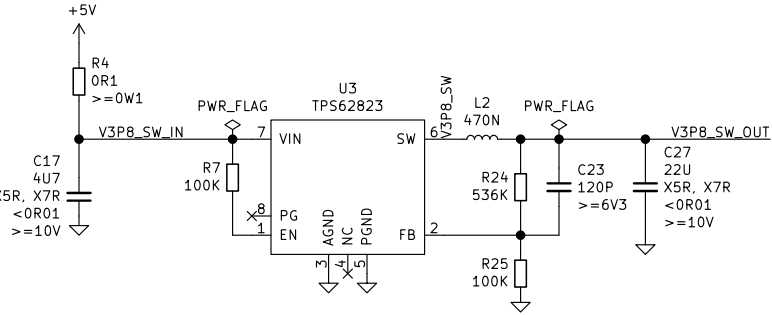








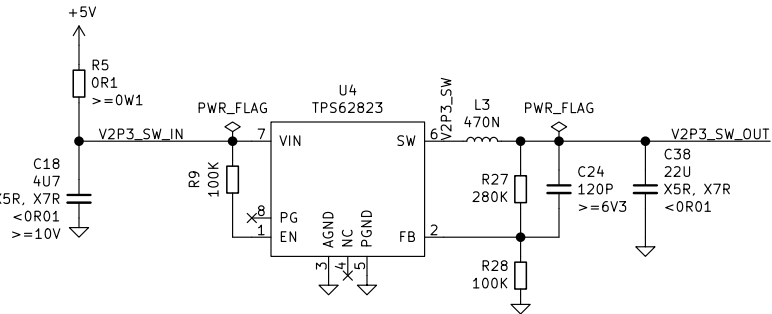
5V => 3.8V @ 1A switched



3.8V out: max 960mA=3.65W
97.1% efficiency
5V in: max 3.76W=760mA
max 0.11W heat

$V_{out} = (536K / 100K + 1) * 0.6 = 3.82V$

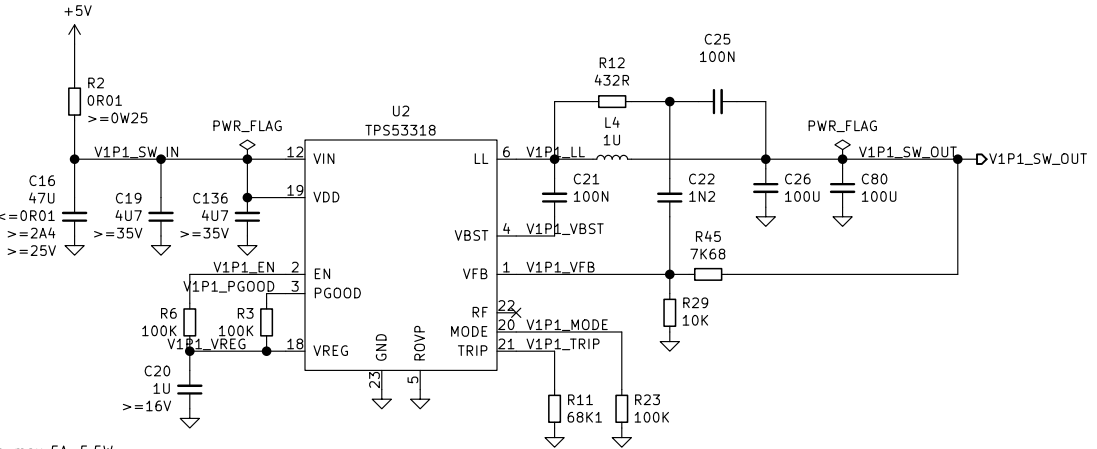
5V => 2.3V @ 1A switched



2.3V out: max 1.01A=2.32W
95.3% efficiency
5V in: max 2.44W=490mA
max 0.12W heat

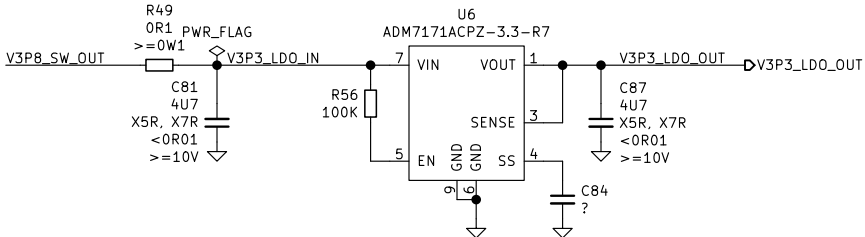
$V_{out} = (280K / 100K + 1) * 0.6 = 2.28V$

5V => 1.1V @ 5A switched



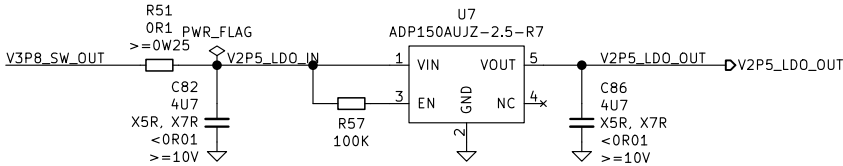
1.1V out: max 5A=5.5W
max 93.1%
5V in: max 5.91W=1.19A
max 0.41W heat

3.8V => 3.3V @ 850mA linear



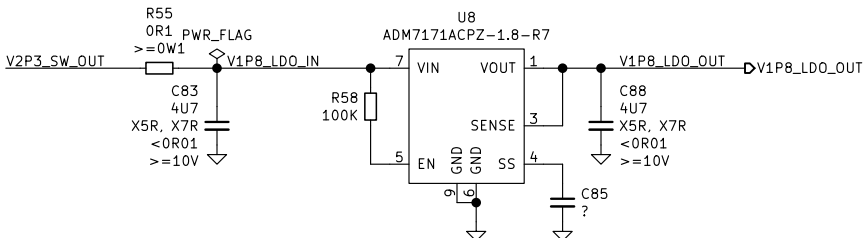
3.3V out: max 850mA=2.81W
86% efficiency (ADM7171)
3.8V in: max 3.26W=860mA
max 0.45W heat

3.8V => 2.5V @ 100mA linear



2.5V out: max 100mA=0.25W
66% efficiency (ADP151)
3.8V in: max 0.38W=100mA
max 0.13W heat

2.3V => 1.8V @ 1A linear



1.8V out: max 1A=1.80W
78% efficiency (ADM7171)
2.3V in: max 2.31W=1.01A
max 0.51W heat

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Sheet: /regulator/
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Title: Tedium X8

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