

1V @ 2.0A for VCCINT  
1V @ 0.15A for MGTAVCC  
1.2V @ 0.15A for VMGTAVTT  
1.5V @ 0.5 for DDR3  
1.8V @ 0.4A for VCCAUX  
3.3V @ 0.2A for I/O

Power Sequencing  
1.0V VCCINT & 1.0V MGTAVCC  
1.2V MGTAVTT  
1.5V DDR3  
1.8V VCCAUX  
3.3V I/O

Sheet: /Power Rails/  
File: power\_rails.sch

**Title:**

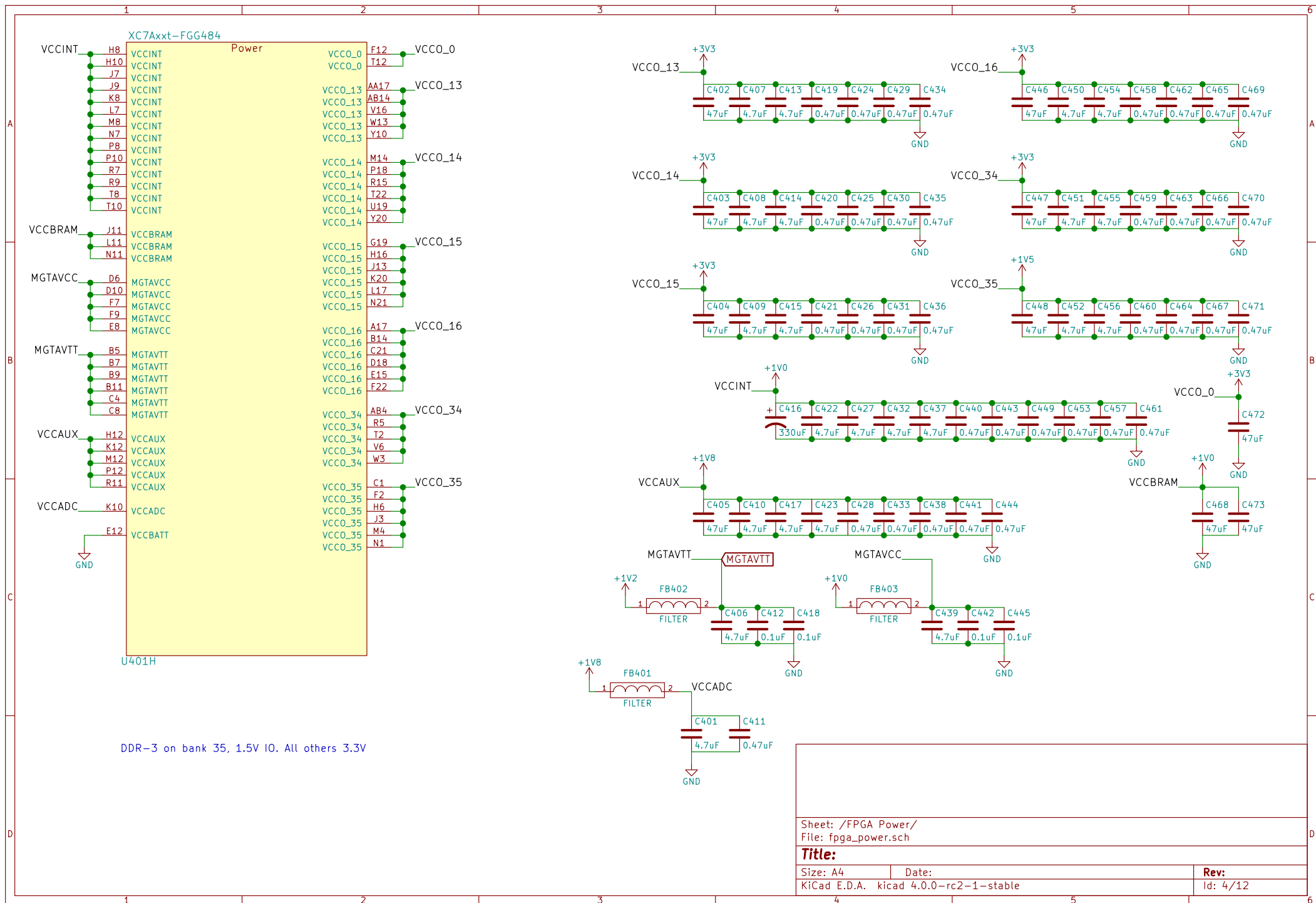
Size: A4

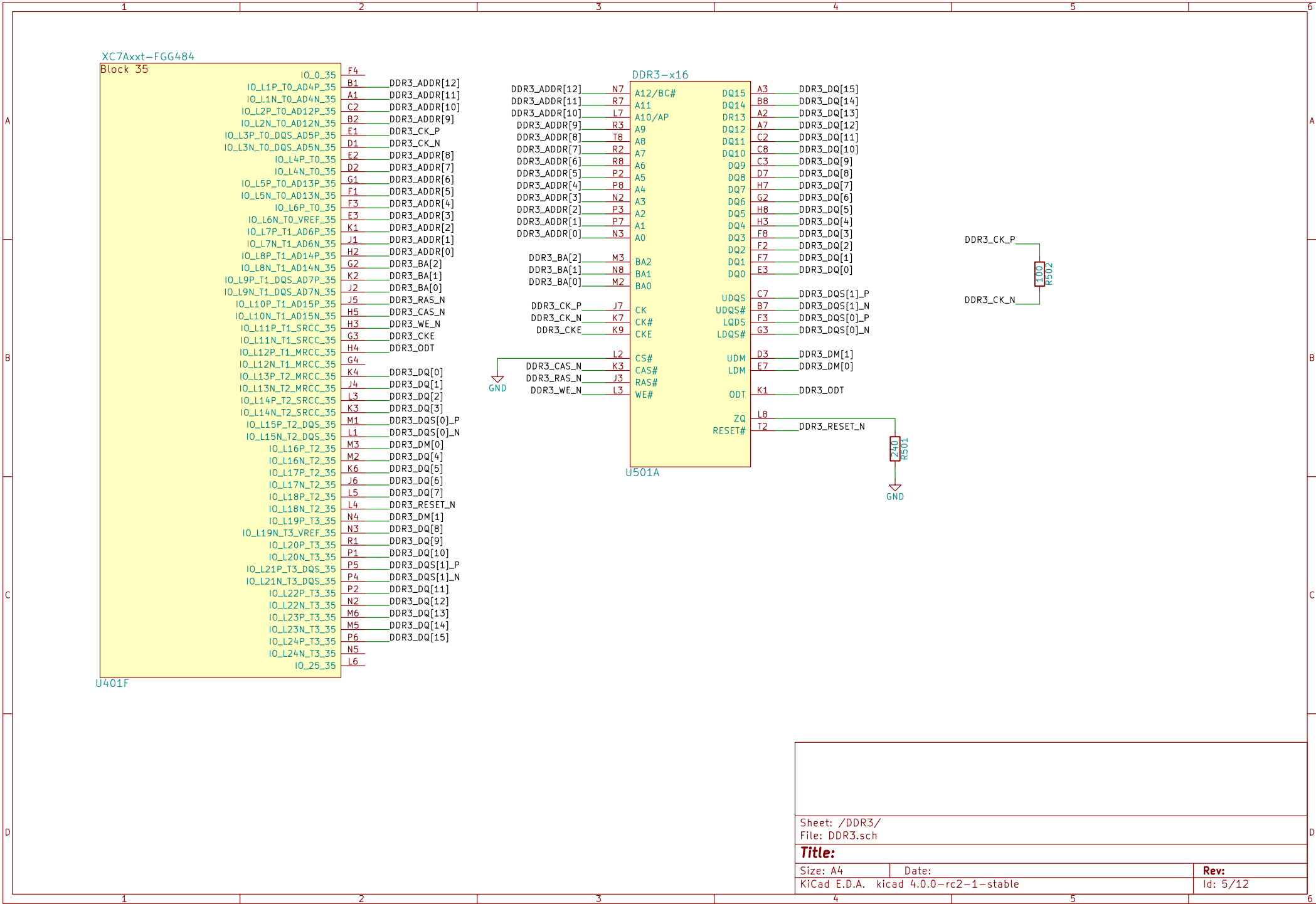
Date:

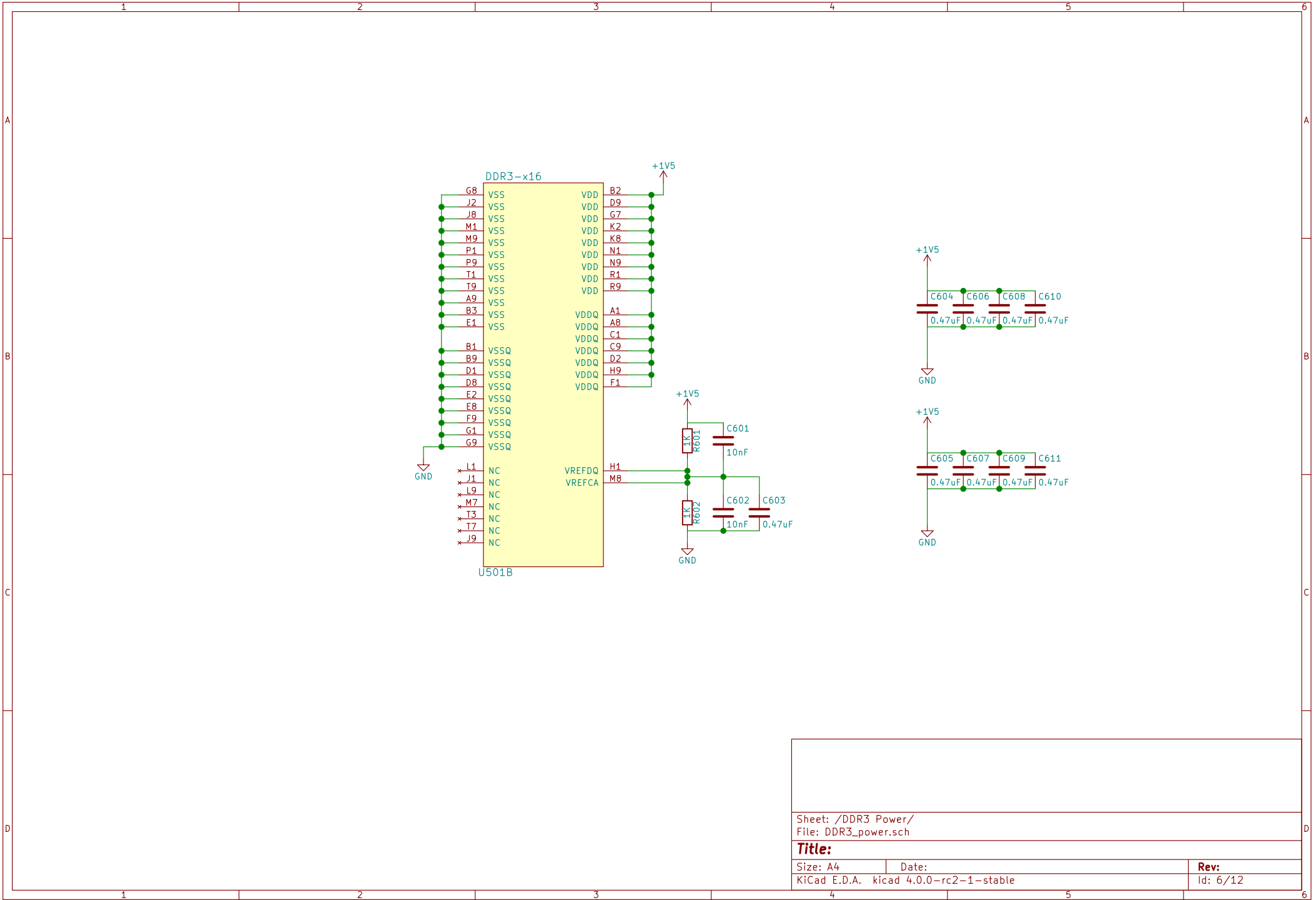
KiCad E.D.A. kicad 4.0.0-rc2-1-stable

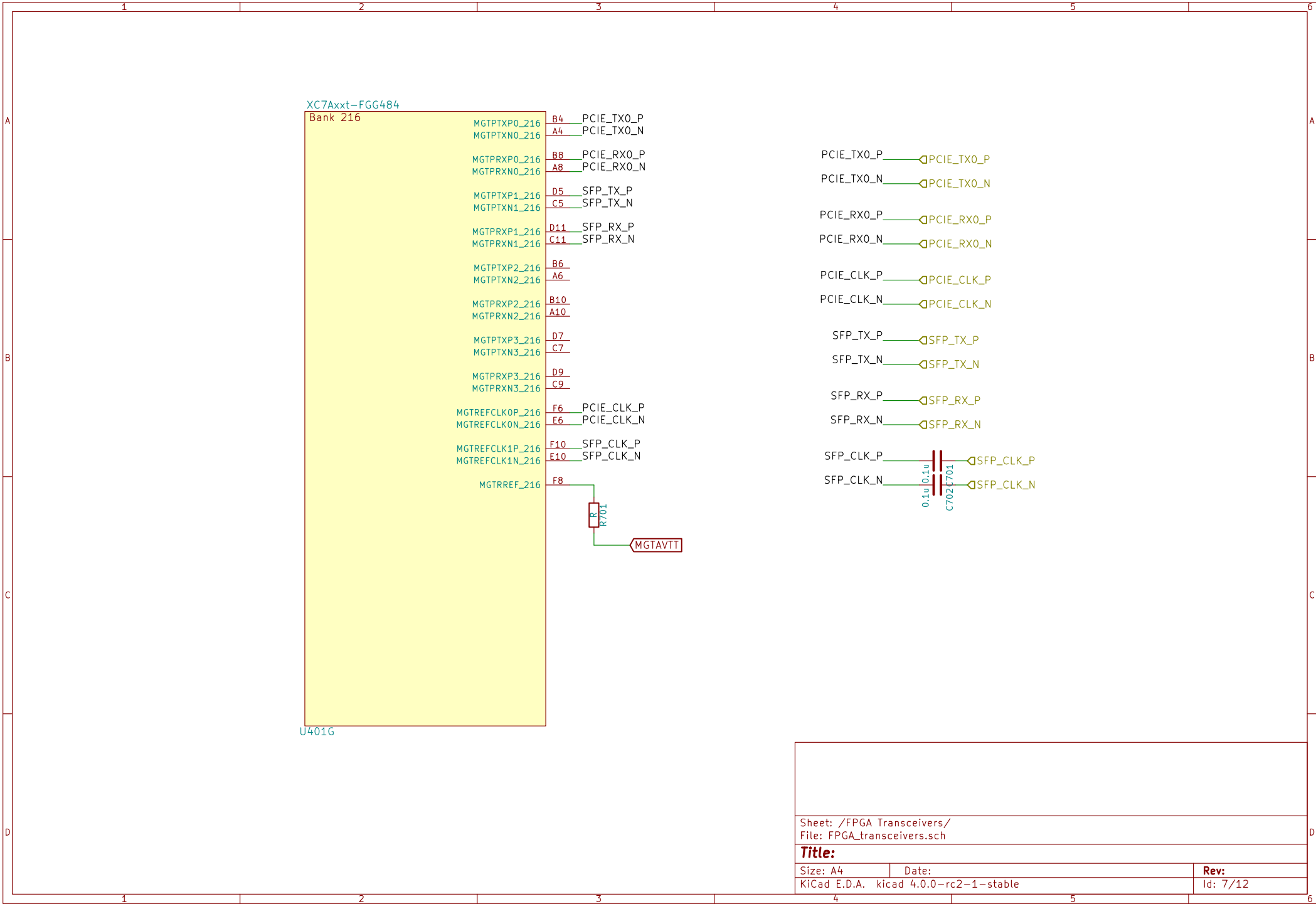
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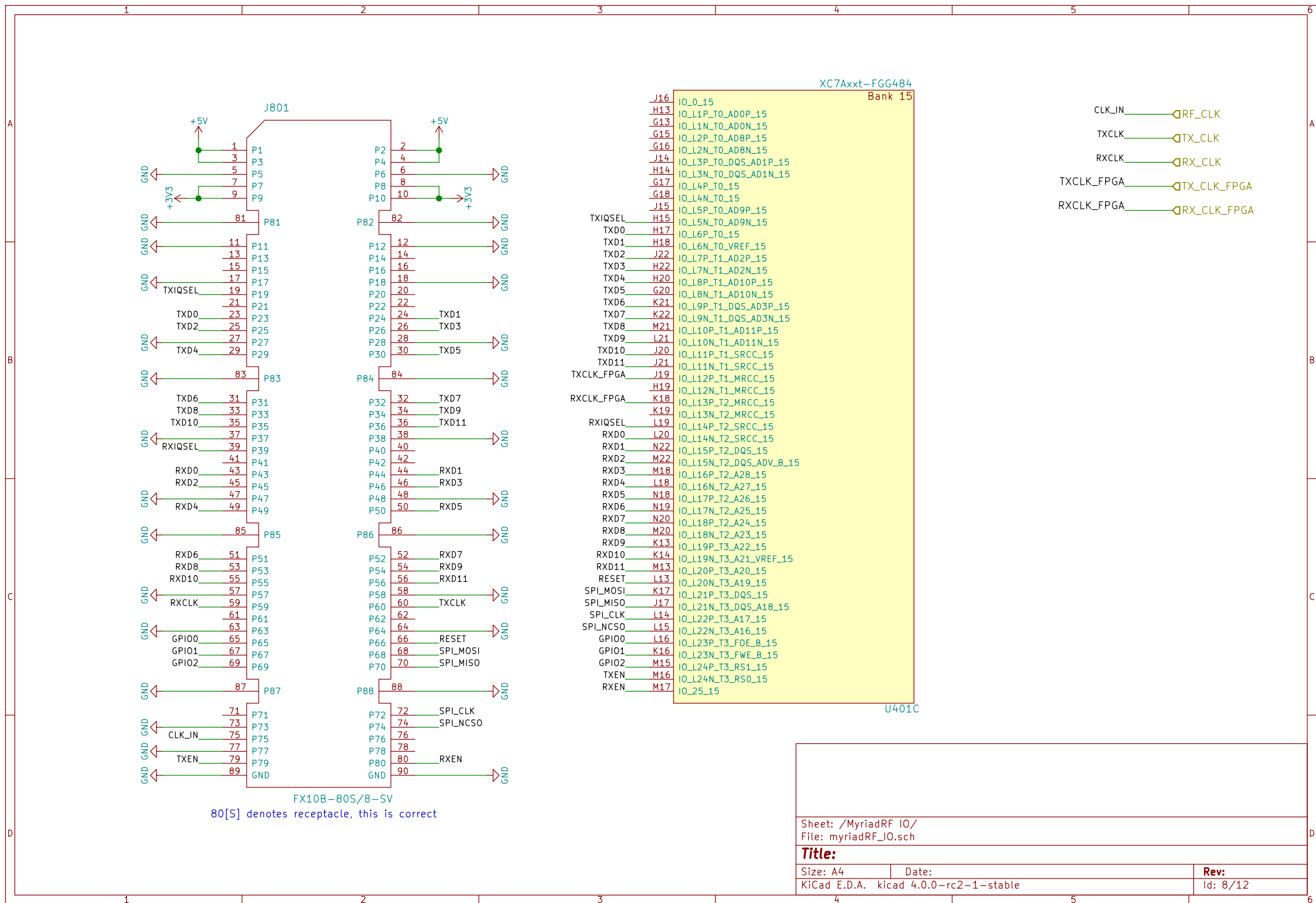
Id: 3/12





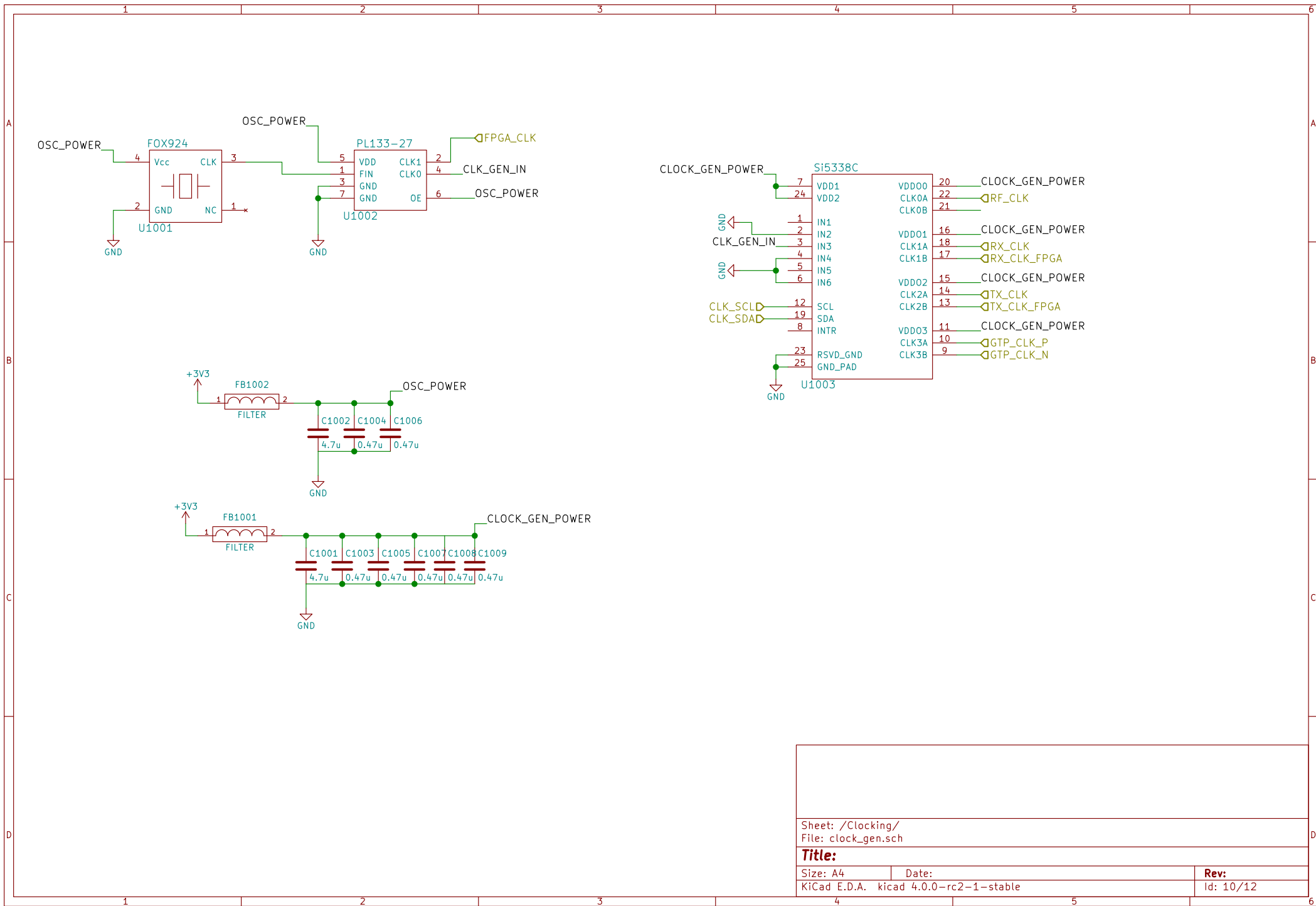












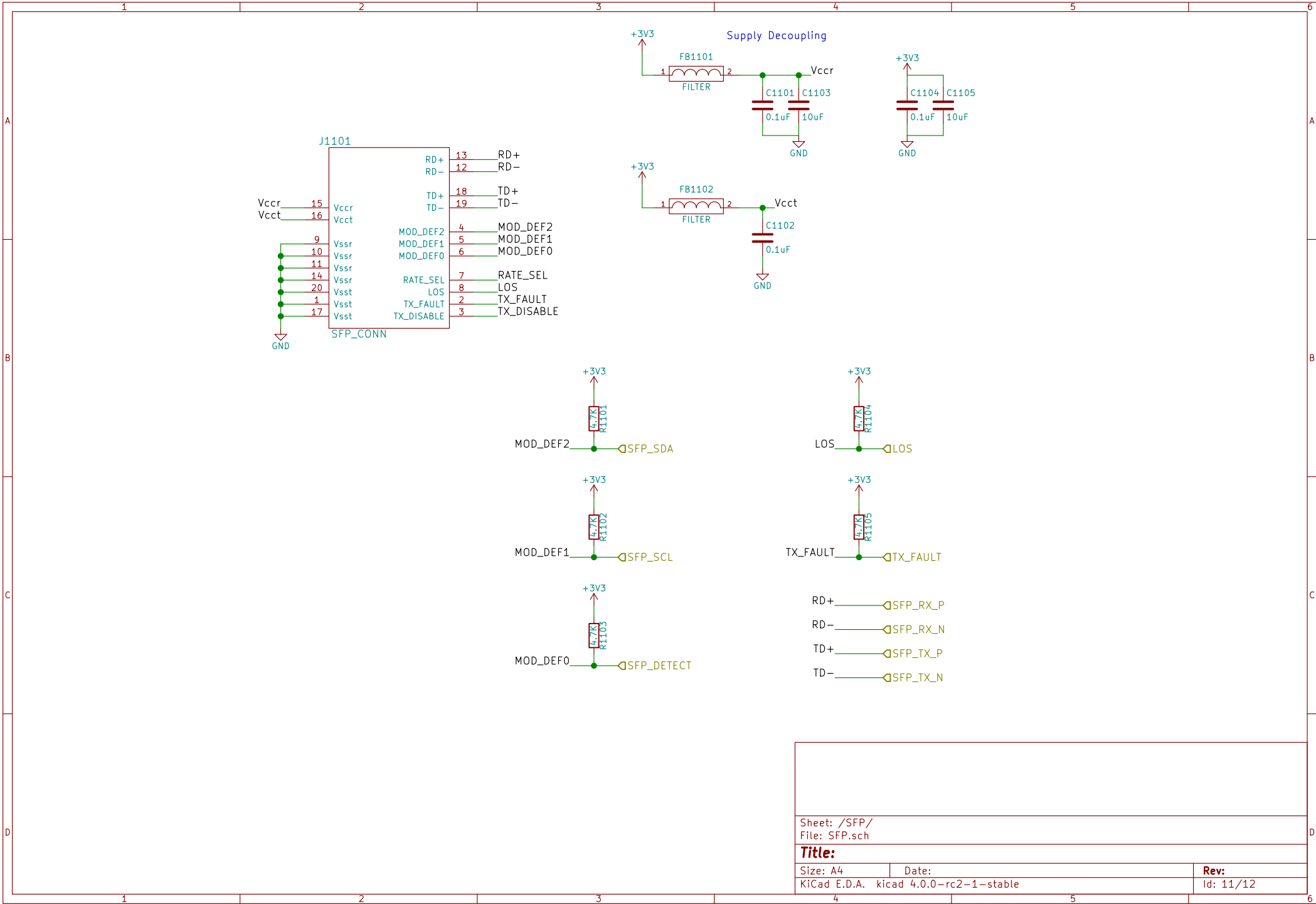
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File: clock\_gen.sch

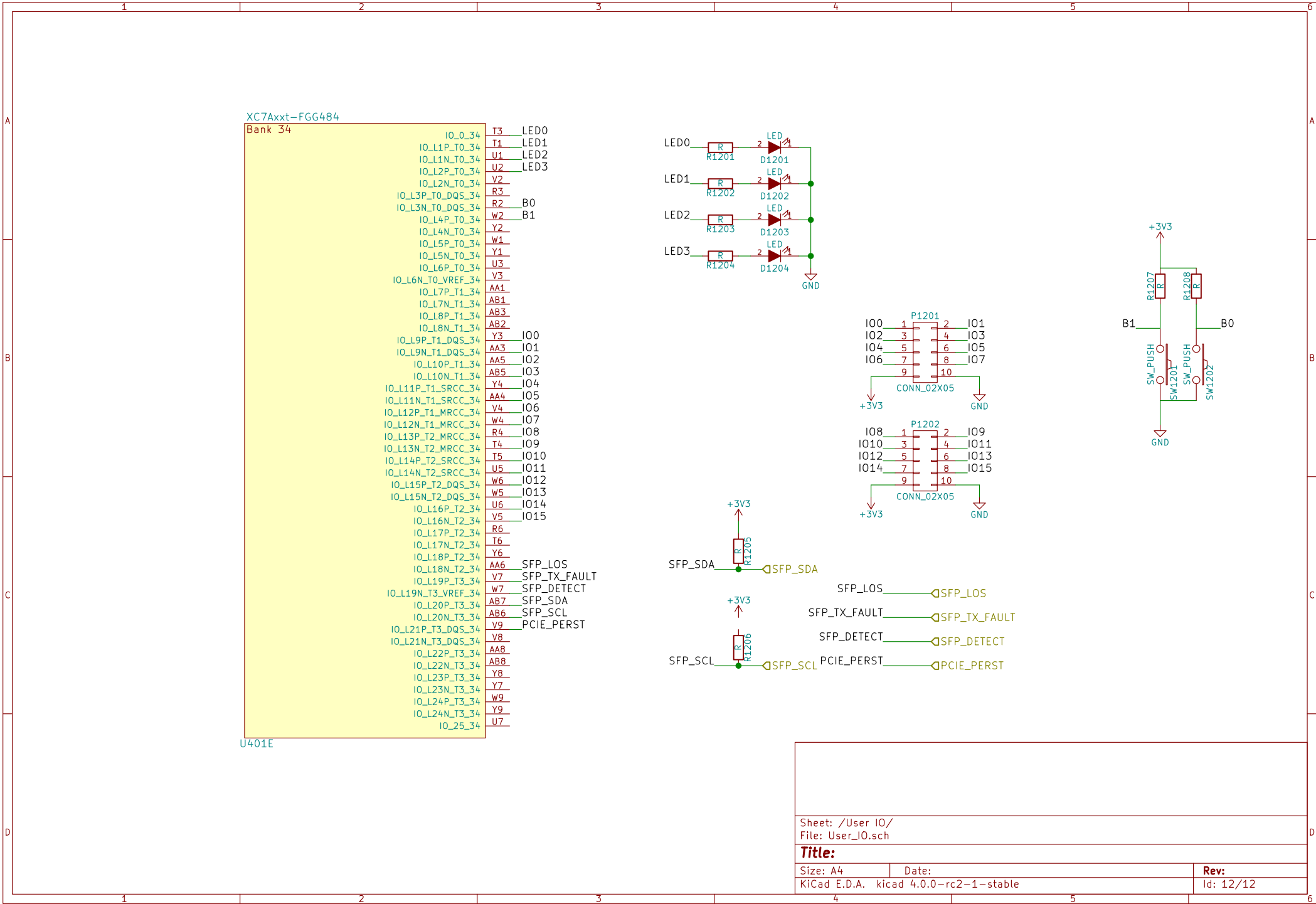
**Title:**

Size: A4  
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Date:

Rev:  
Id: 10/12





SFP\_SDA

R1205

+3V3

SFP\_SDA

SFP\_SCL

R1206

+3V3

SFP\_SCL

SFP\_LOS

SFP\_LOS

SFP\_TX\_FAULT

SFP\_TX\_FAULT

SFP\_DETECT

SFP\_DETECT

PCIE\_PERST

PCIE\_PERST

B1

R1207

+3V3

R1208

B0

SW\_PUSH

SW\_PUSH

SW\_PUSH

SW\_PUSH

GND

GND

U401E

Sheet: /User IO/  
File: User\_IO.sch

Title:

Size: A4

Date:

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Rev:

Id: 12/12