



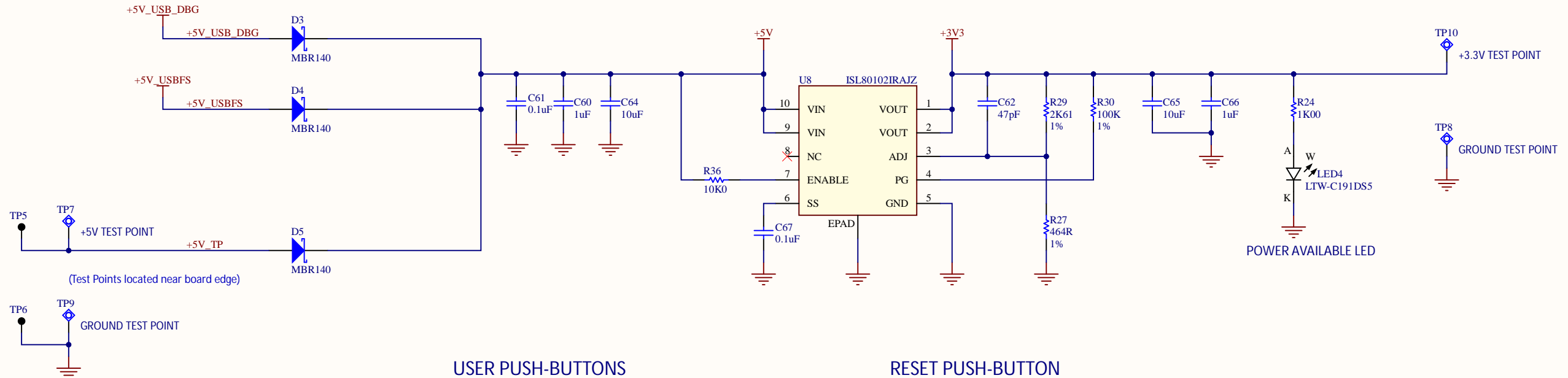
EK-RA6M4

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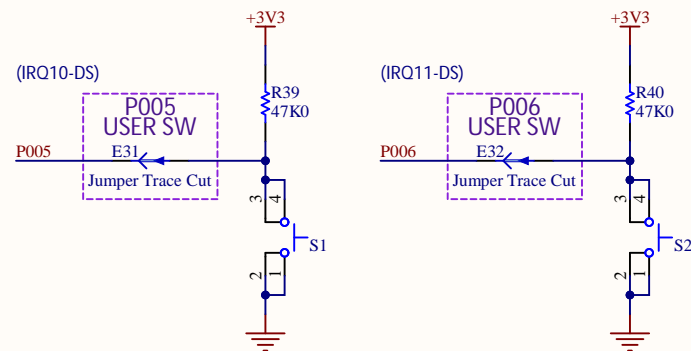
Rubber Foot, Black, 6.4mm dia, 2.1mm high
Rubber Foot, Black, 6.4mm dia, 2.1mm high
Rubber Foot, Black, 6.4mm dia, 2.1mm high
Rubber Foot, Black, 6.4mm dia, 2.1mm high
Rubber Foot, Black, 6.4mm dia, 2.1mm high
Rubber Foot, Black, 6.4mm dia, 2.1mm high

REVISION HISTORY		
Revision	Date	Description
A	03/05/2020	ES Production release
1	mm/dd/2020	Production Release
1	mm/dd/2020	Production Release
1	mm/dd/2020	Production Release
1	mm/dd/2020	Production Release
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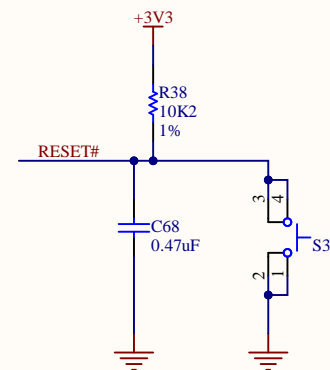
3.3V LINEAR REGULATOR



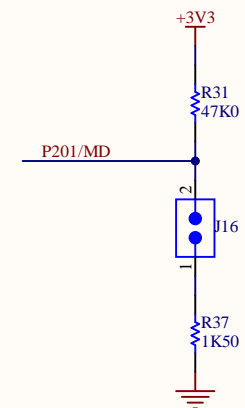
USER PUSH-BUTTONS



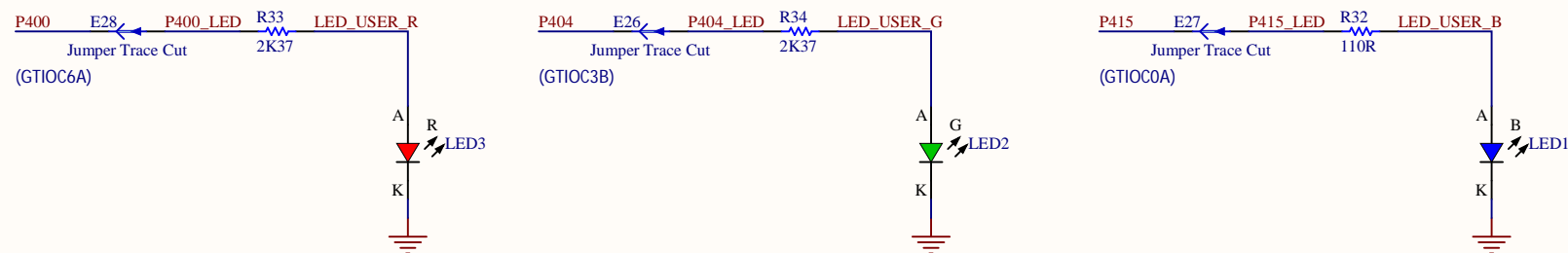
RESET PUSH-BUTTON



MCU BOOT MODE



USER LEDS



Renesas EK-RA6M4
Power Supply and HMI

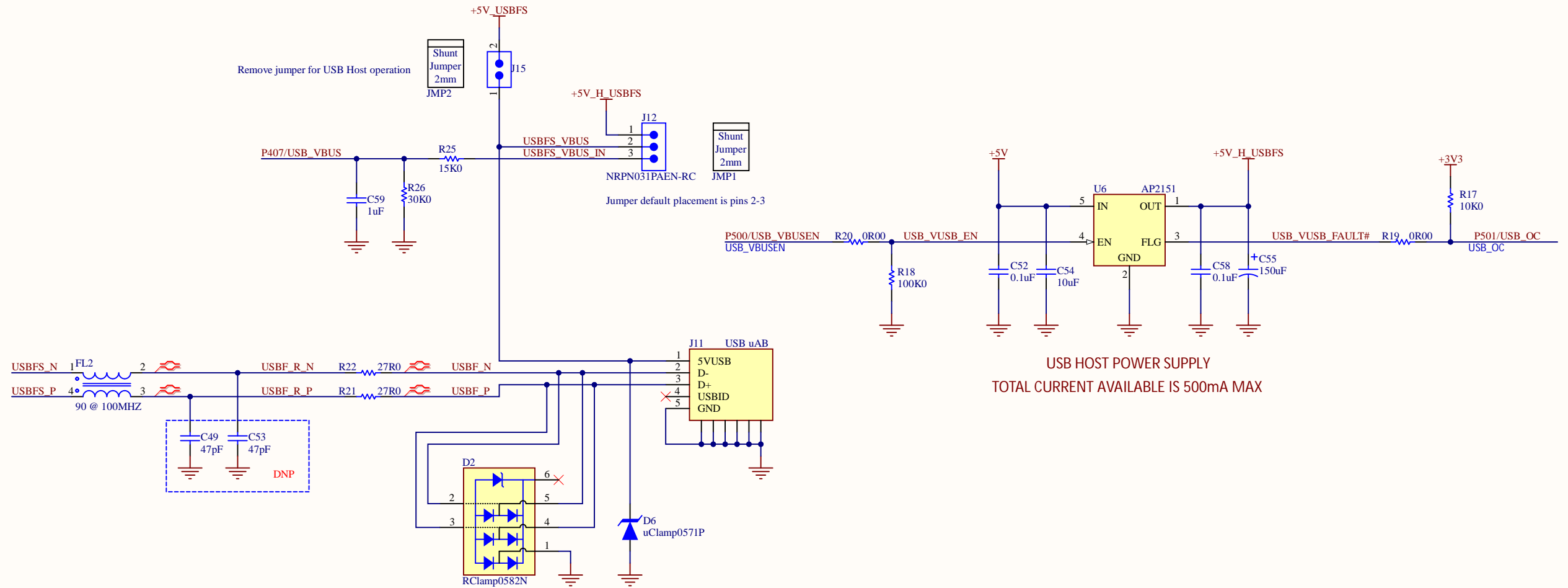
Version: 1	Document Revision: D
Release Date: 2020-08-17	Sheet 2 of 14
File: EK-RA6M4_p02_Power.SchDoc	

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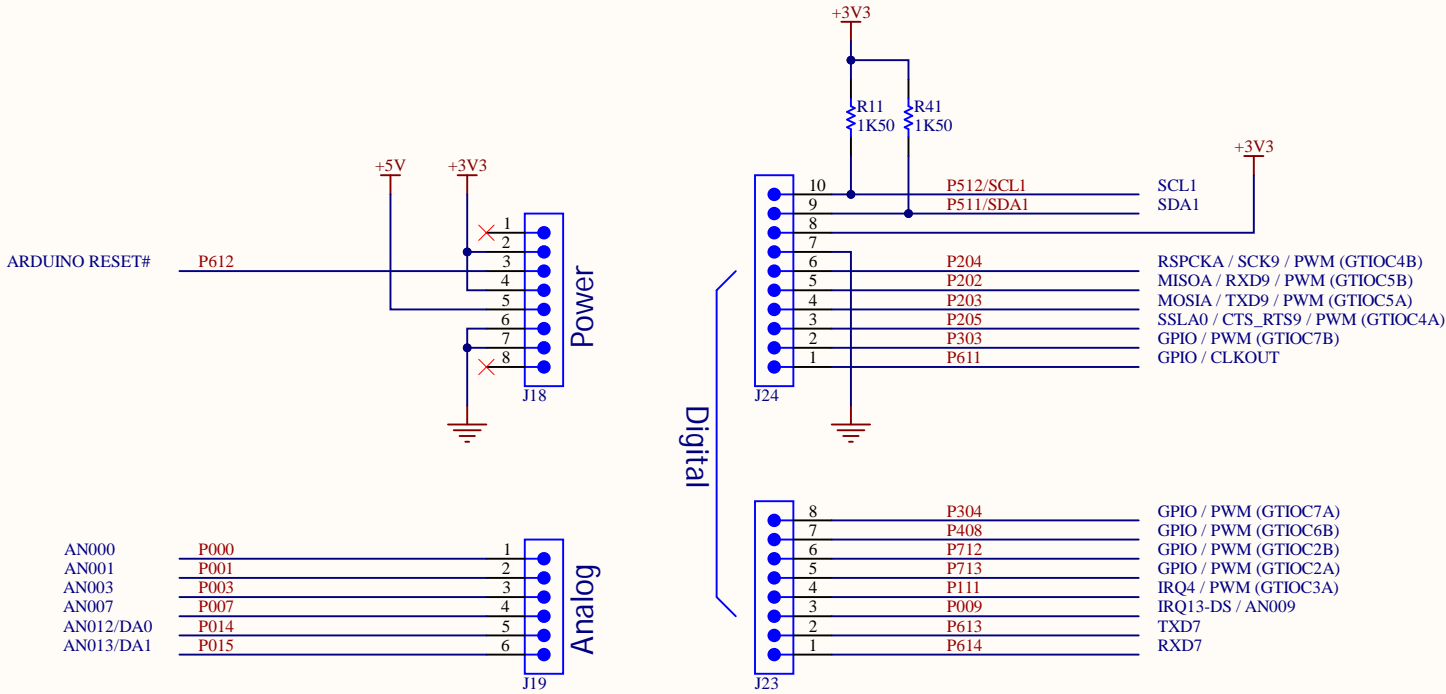
6000018 Last Updated: 5/22/2020

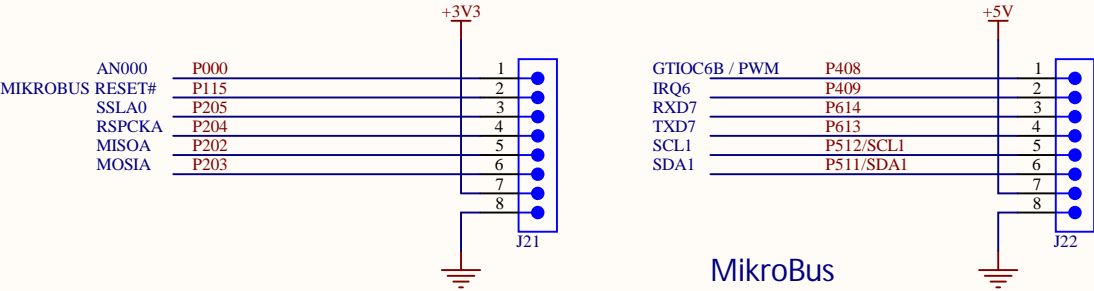
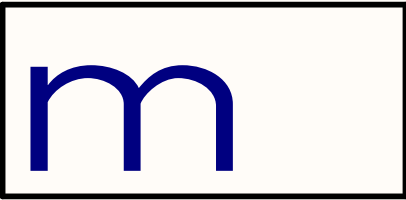
USB FS INTERFACE



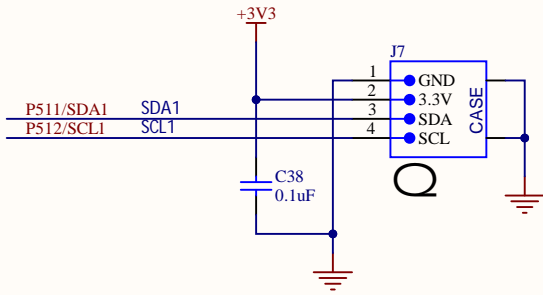
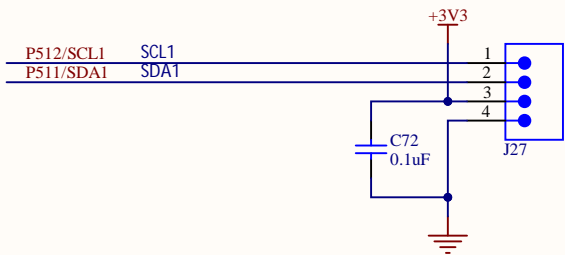
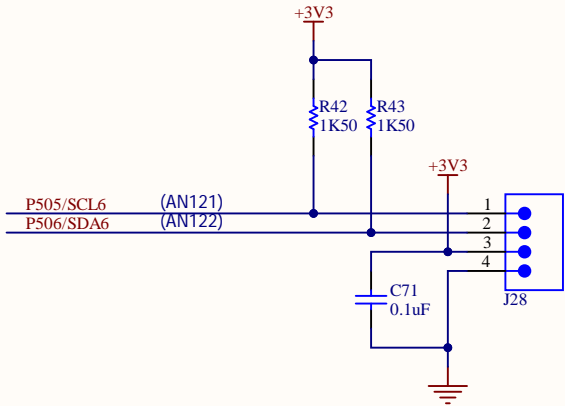
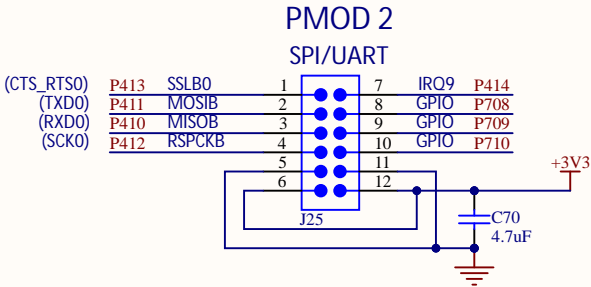
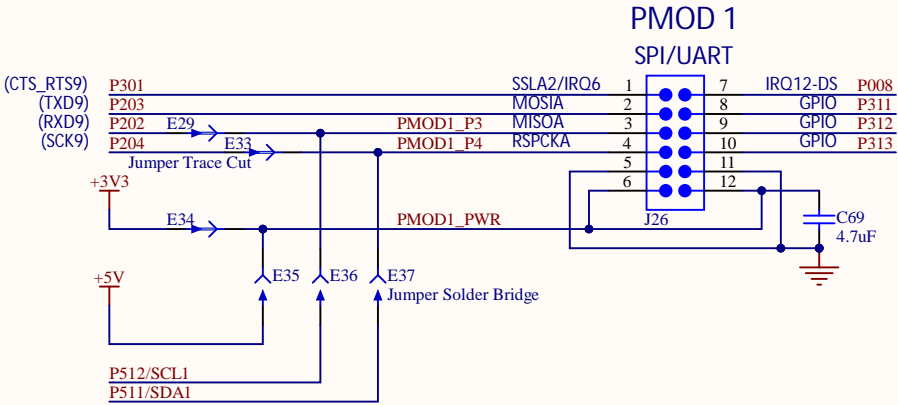
USB HOST POWER SUPPLY
TOTAL CURRENT AVAILABLE IS 500mA MAX

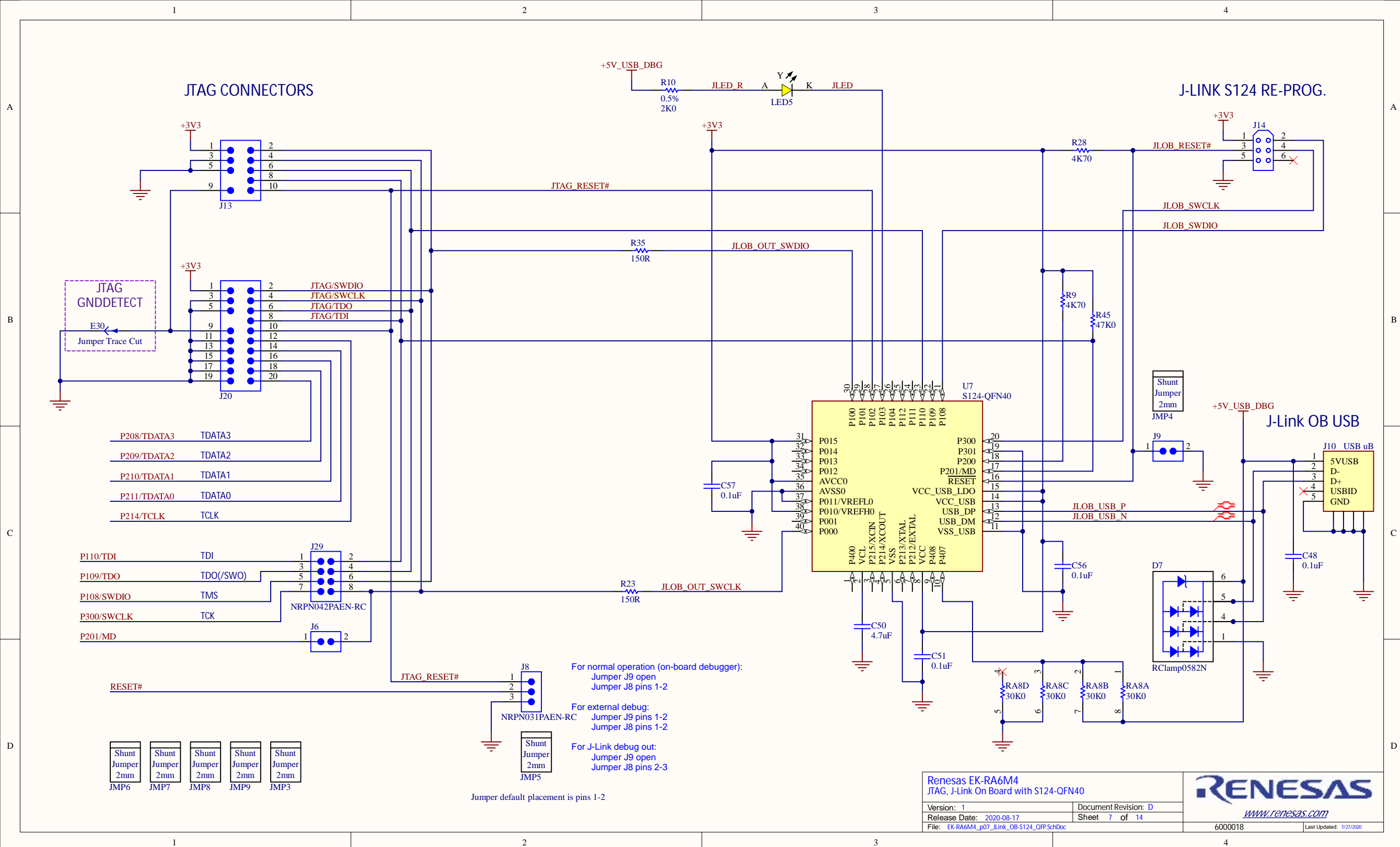
Arduino Uno





MikroBus





A

A

B

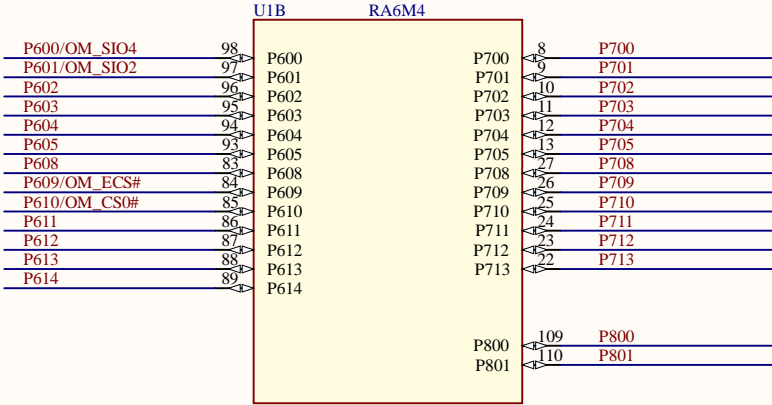
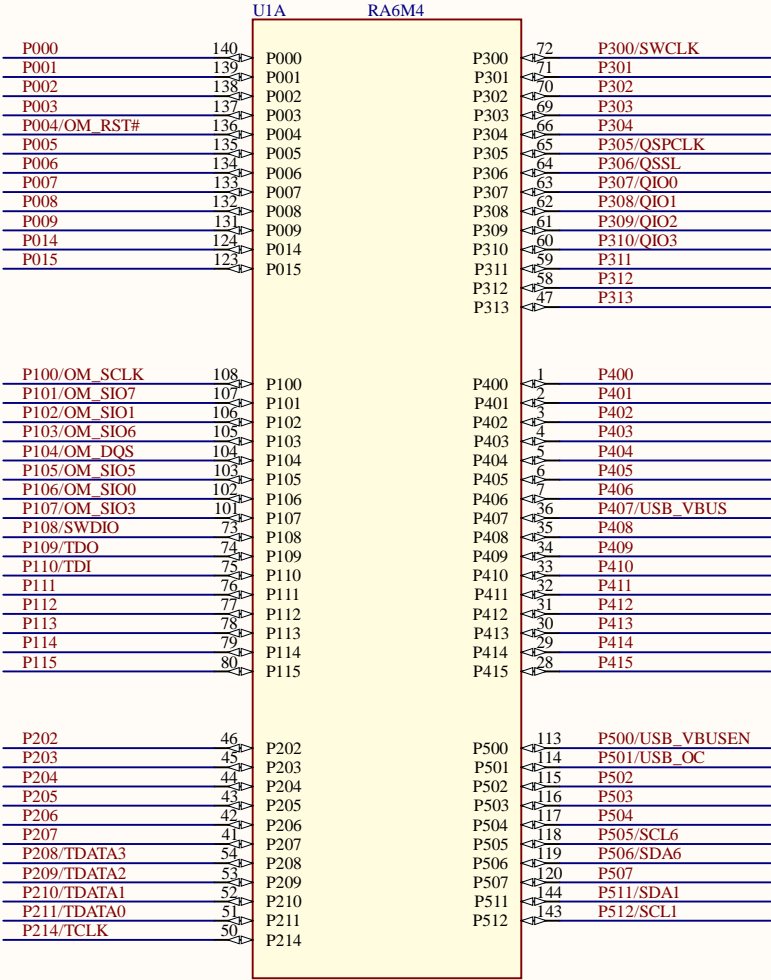
B

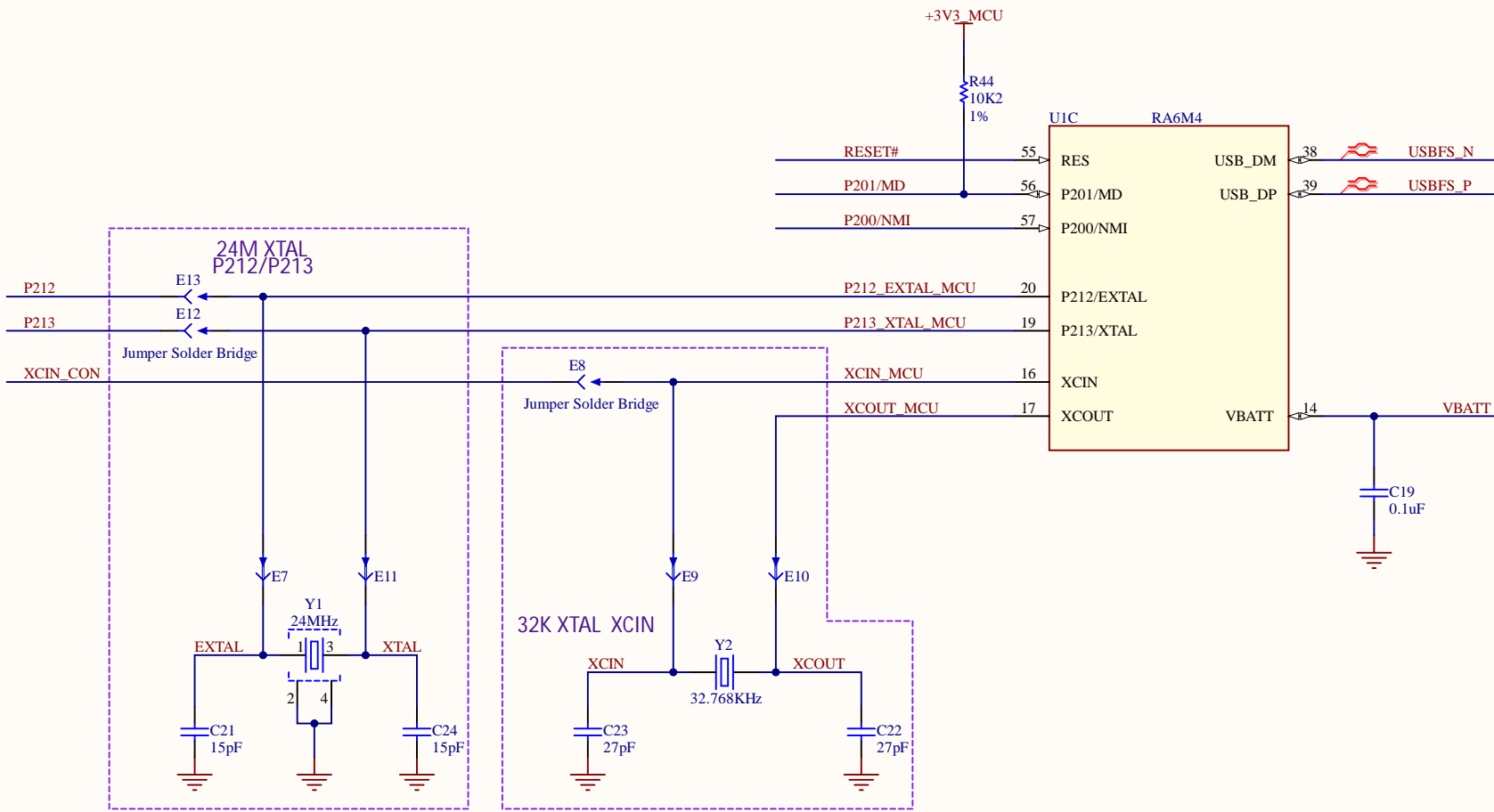
C

C

D

D

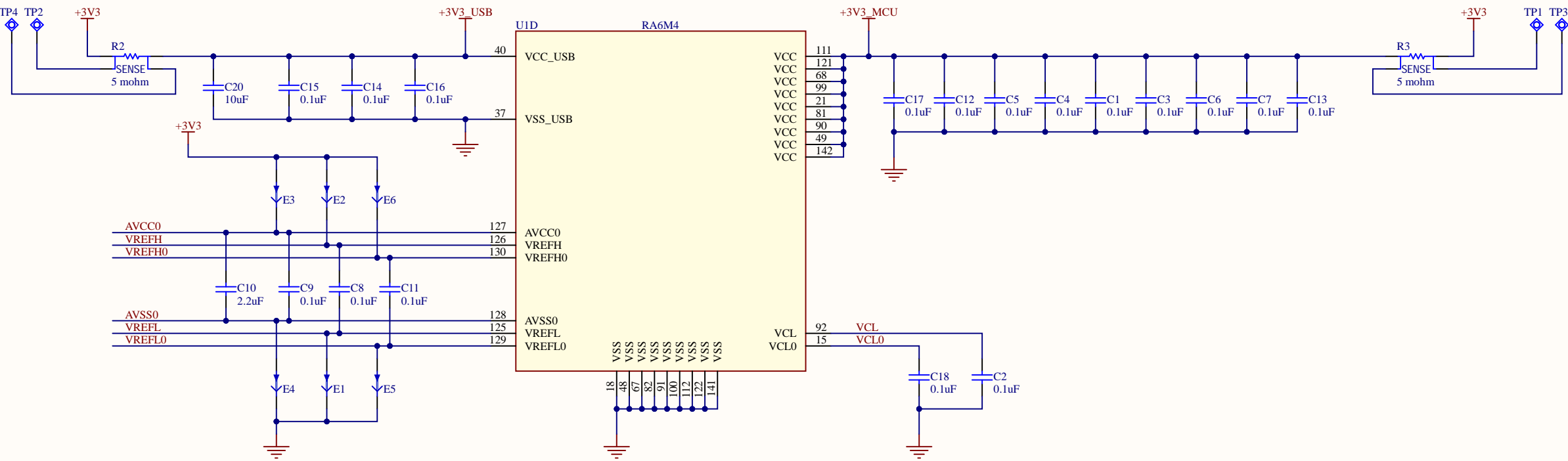




Renesas EK-RA6M4
MCU Clocks, USB and Control

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File: EK-RA6M4_p09_MCU_USB-Clocks.SchDoc	





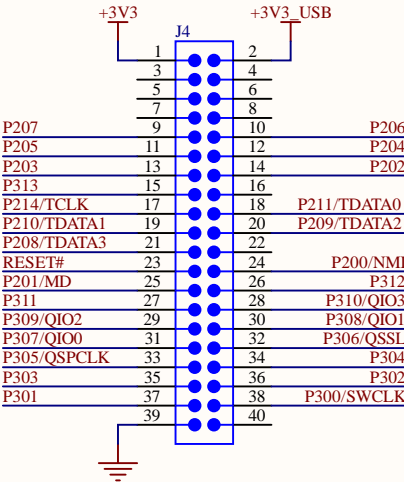
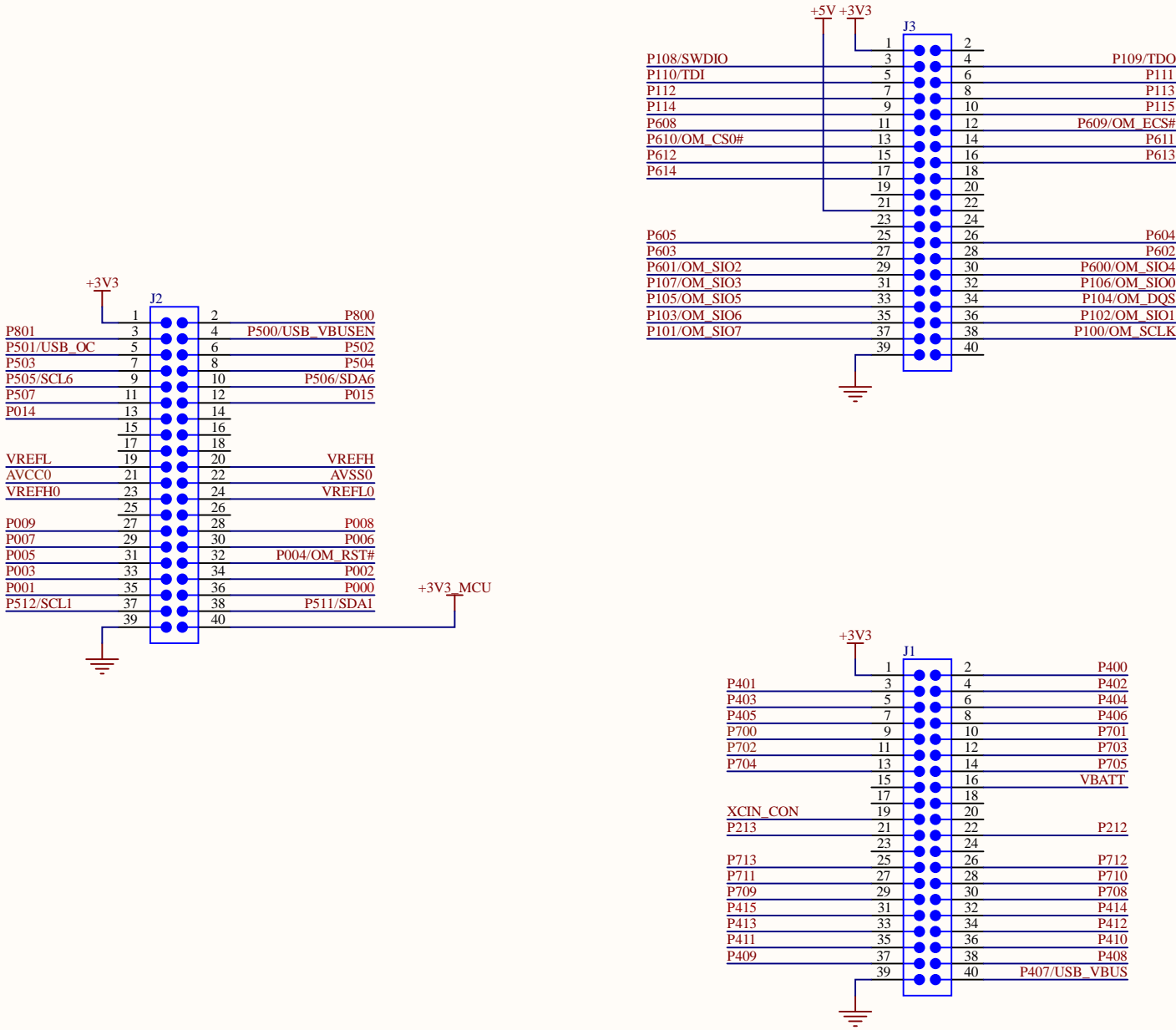
Renesas EK-RA6M4
MCU Power

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PIN HEADERS



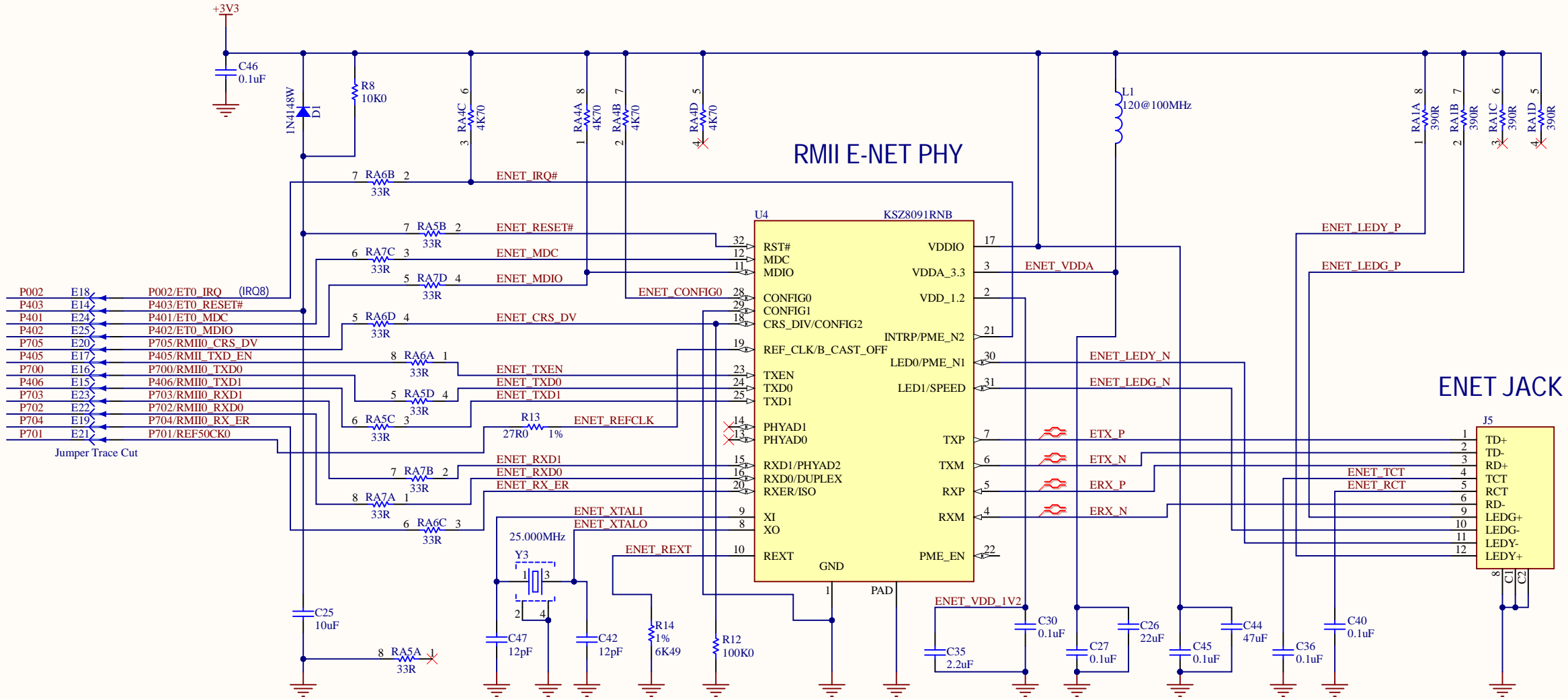
Renesas EK-RA6M4
MCU Pin Header Connectors

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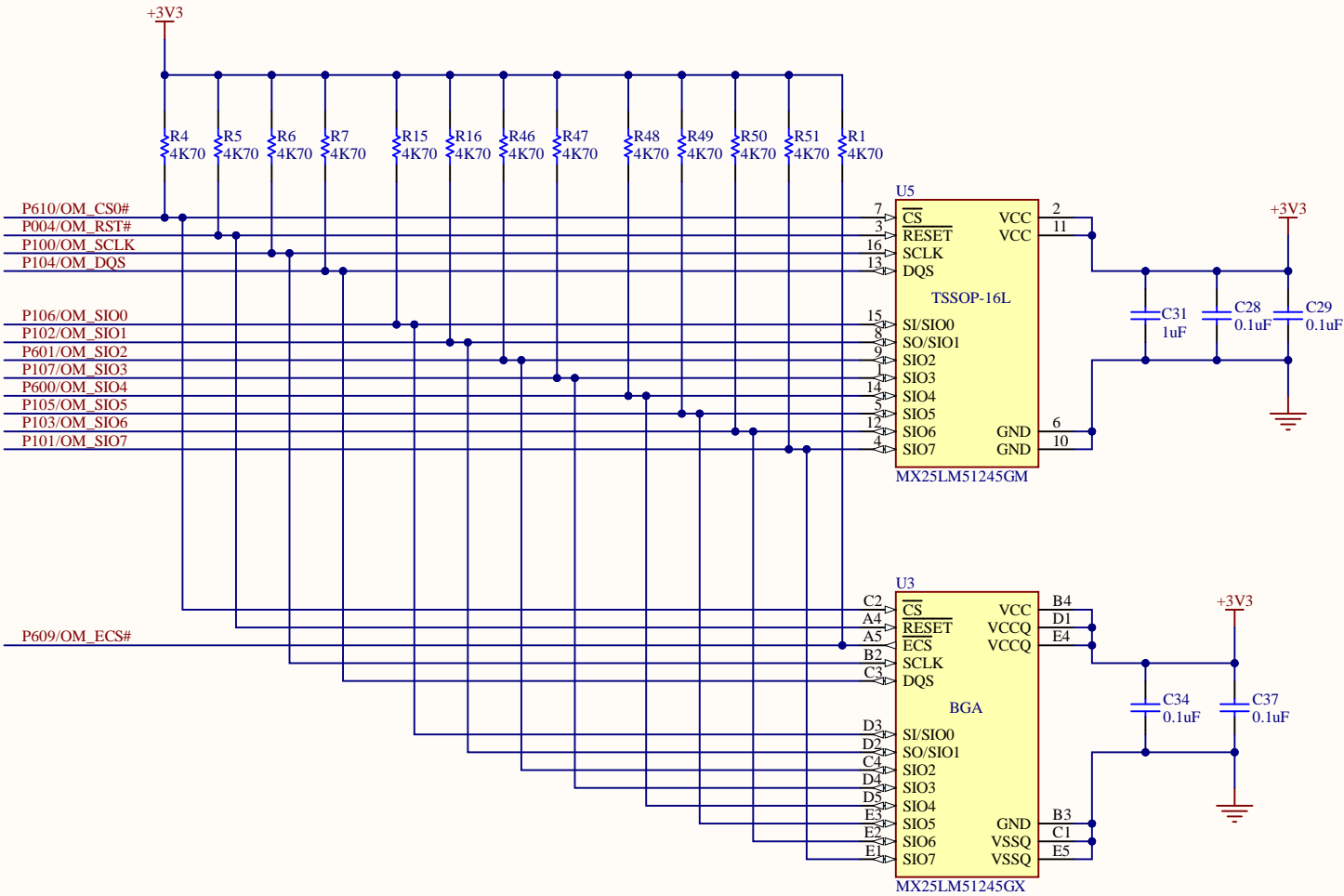
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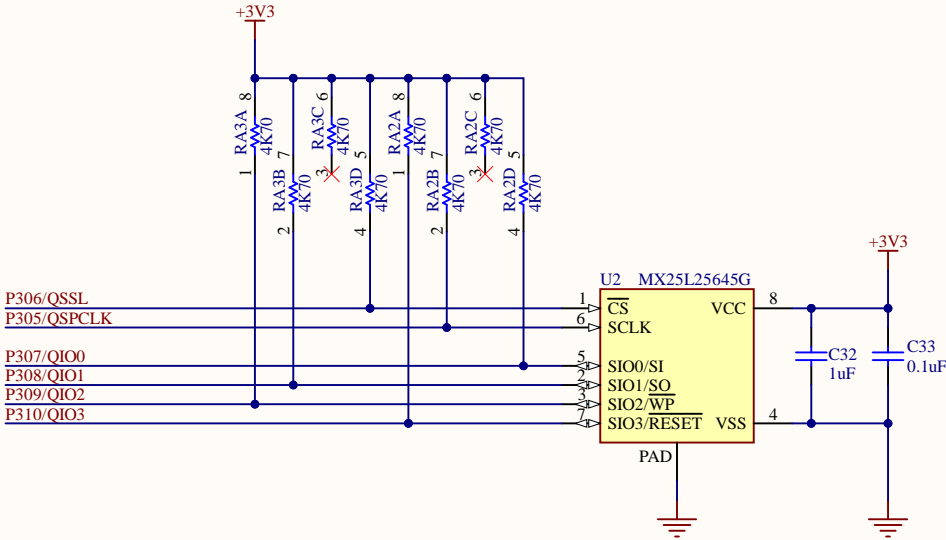
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OCTASPI FLASH





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QSPI Flash

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