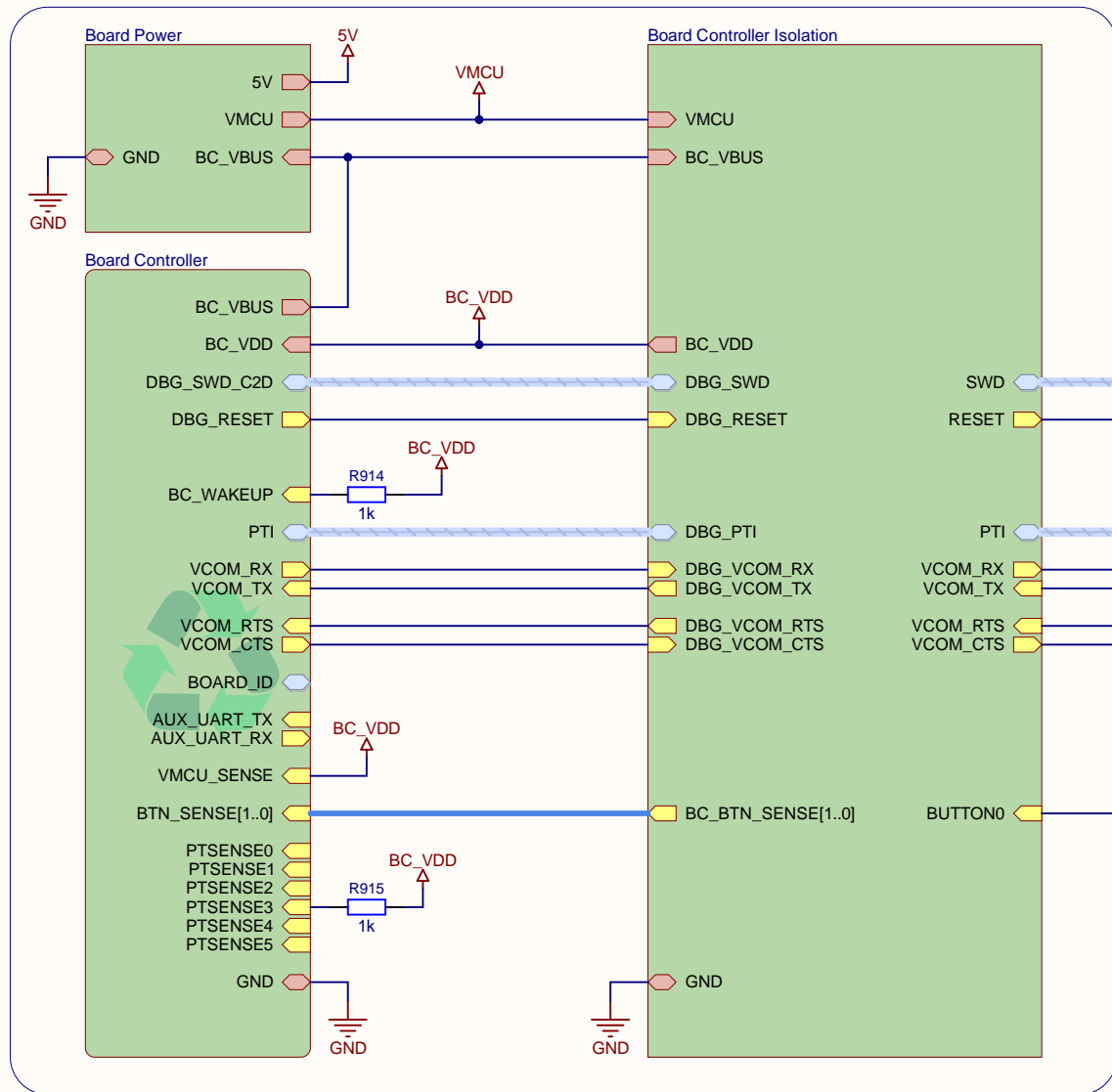


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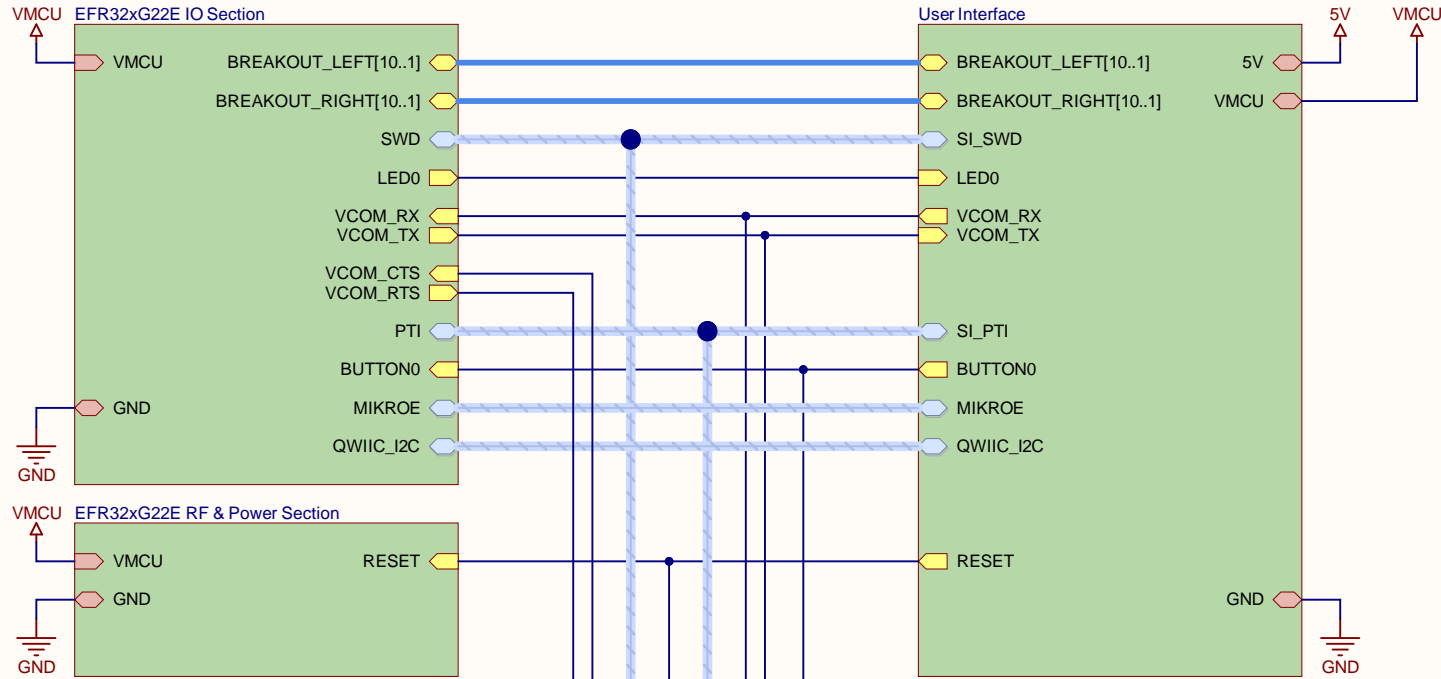
Page 1	Hierarchical Overview
Page 2	EFR32xG22E RF & Power Section
Page 3	EFR32xG22E IO Section
Page 4	User Interface
Page 5	Board Controller Isolation
Page 6	Board Power
Page 7	Board Controller

REVISION HISTORY:

A01	Initial Release
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Disabled when USB is not connected



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M900



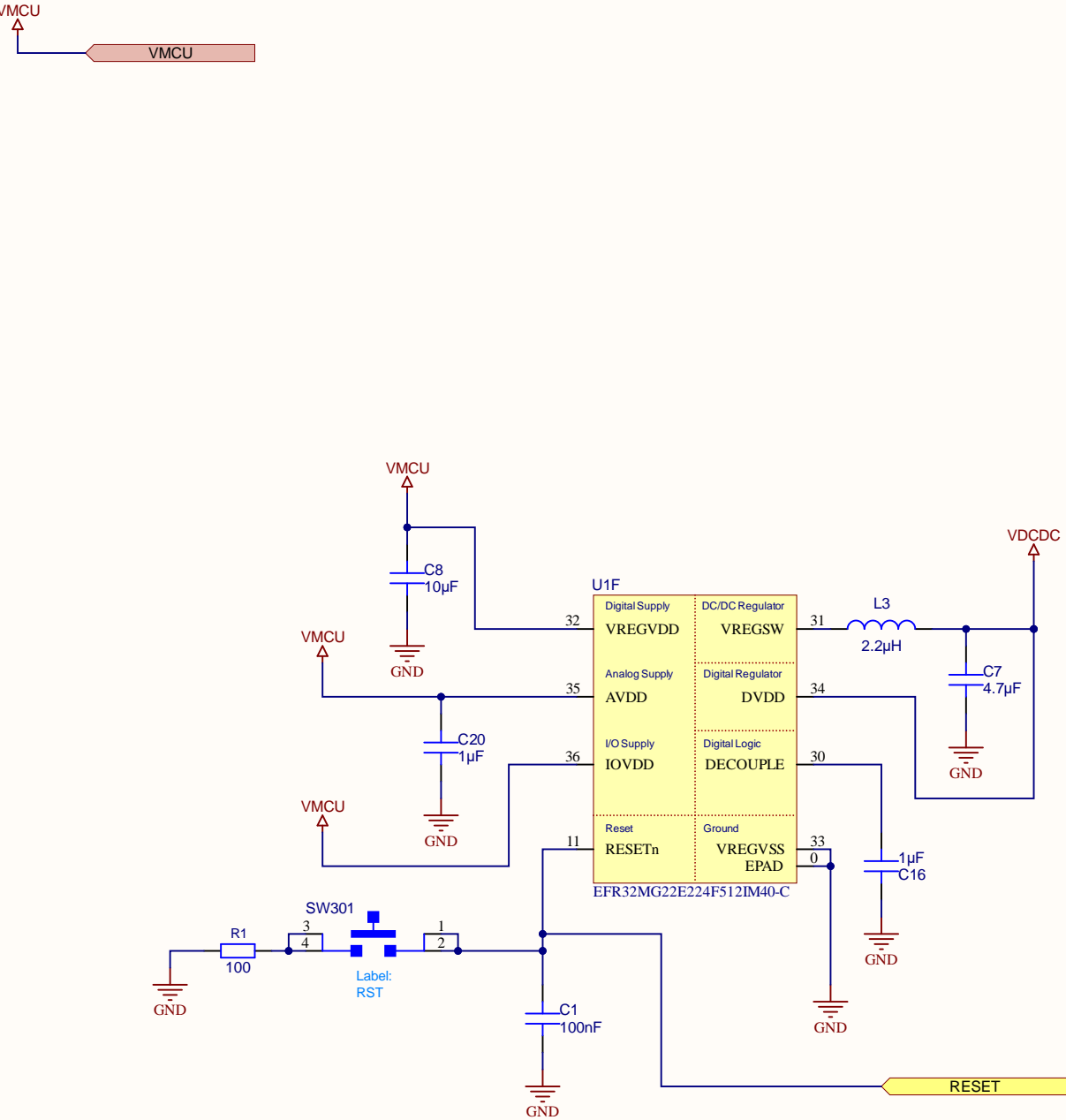
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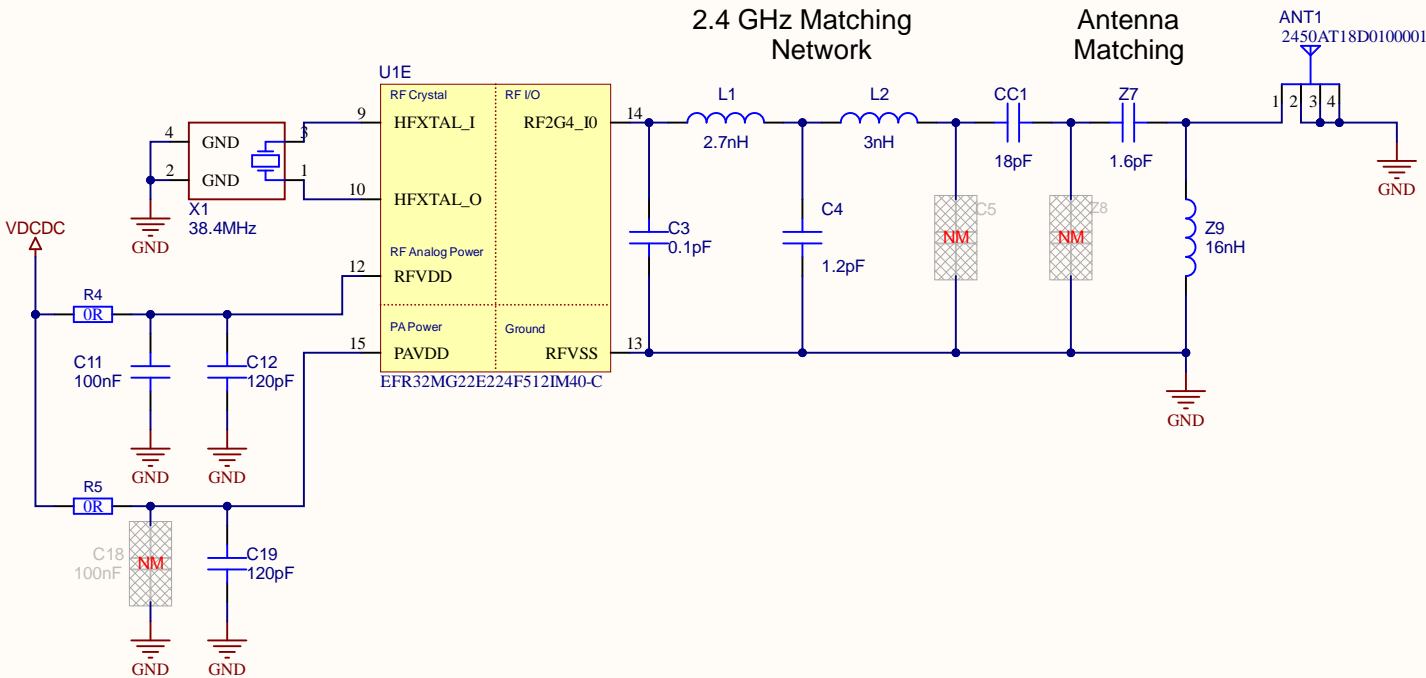
PCB2710A A01

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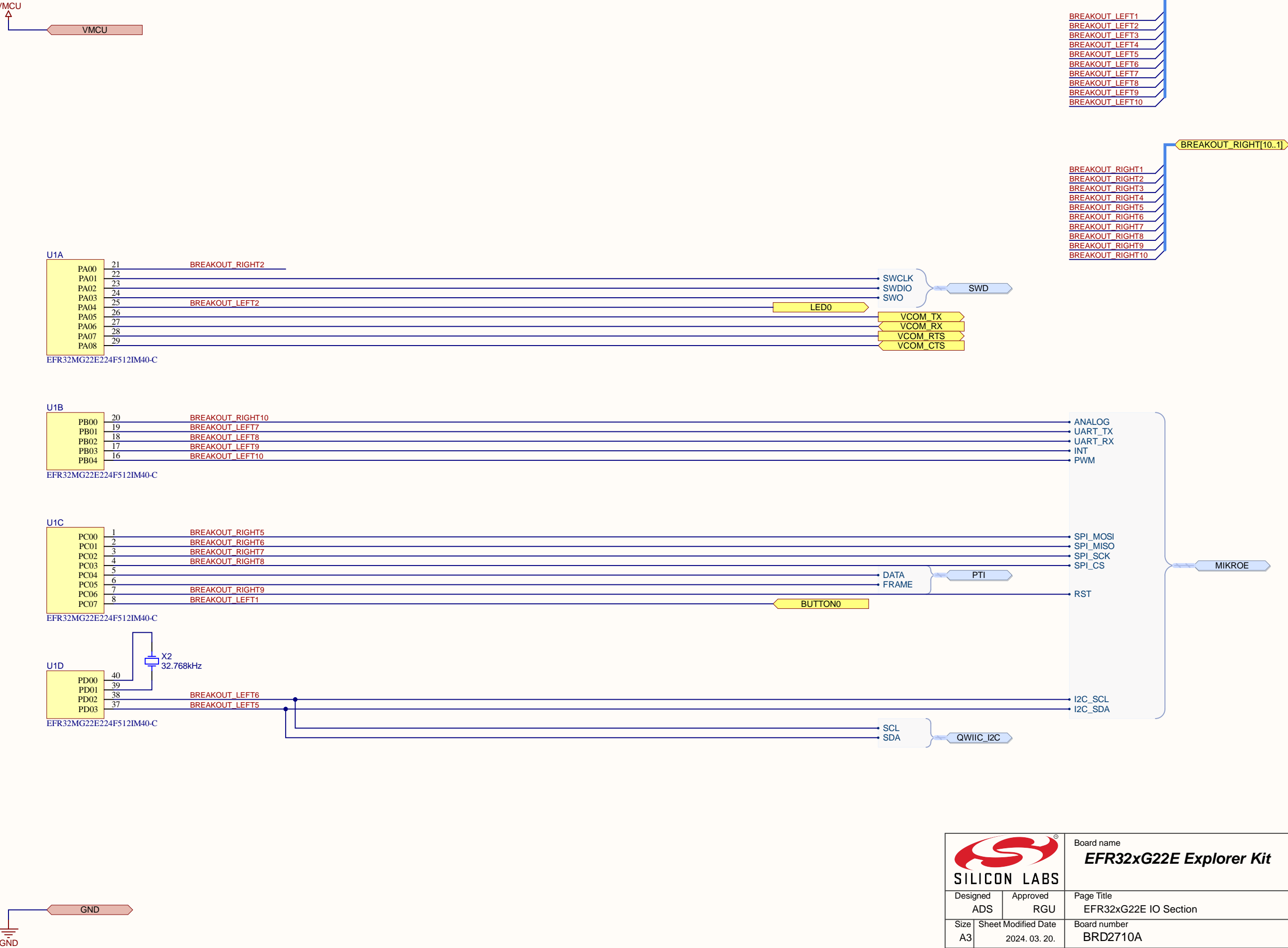
EFR32BG22E Power Section




EFR32BG22E RF Section

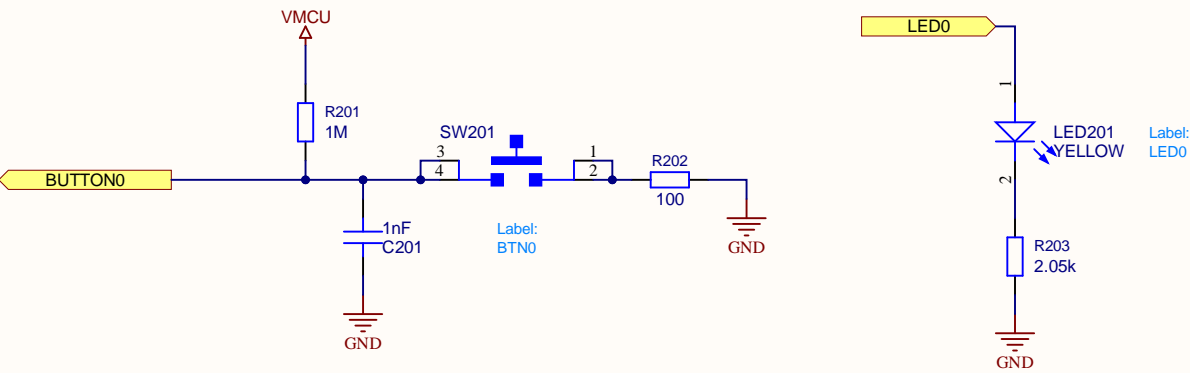


EFR32BG22E IOs & Signal Assignments

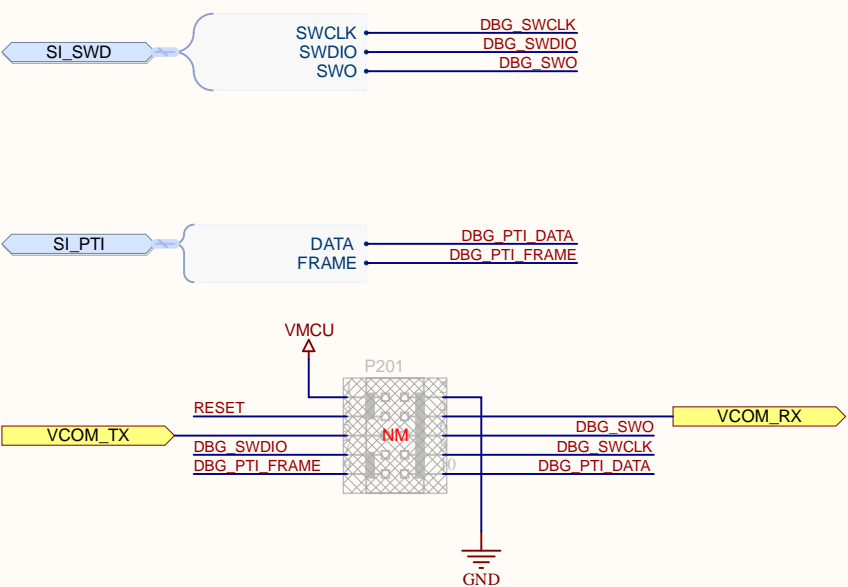


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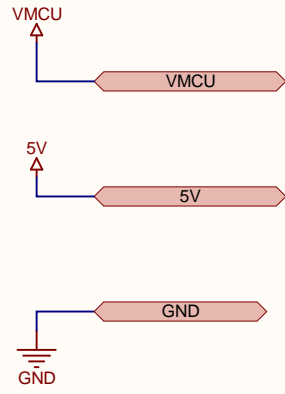
Push Button & LED



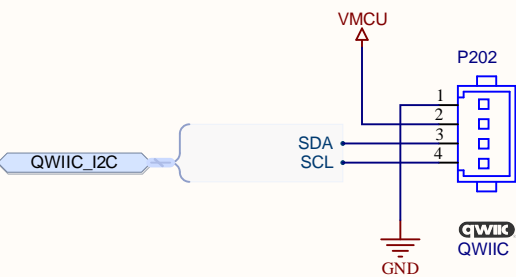
Mini Simplicity Connector



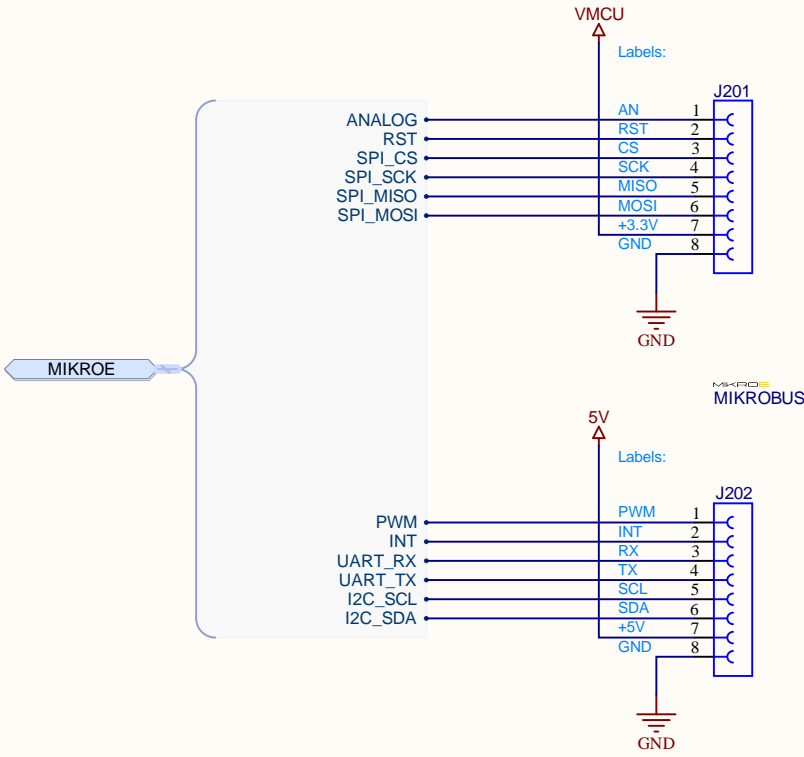
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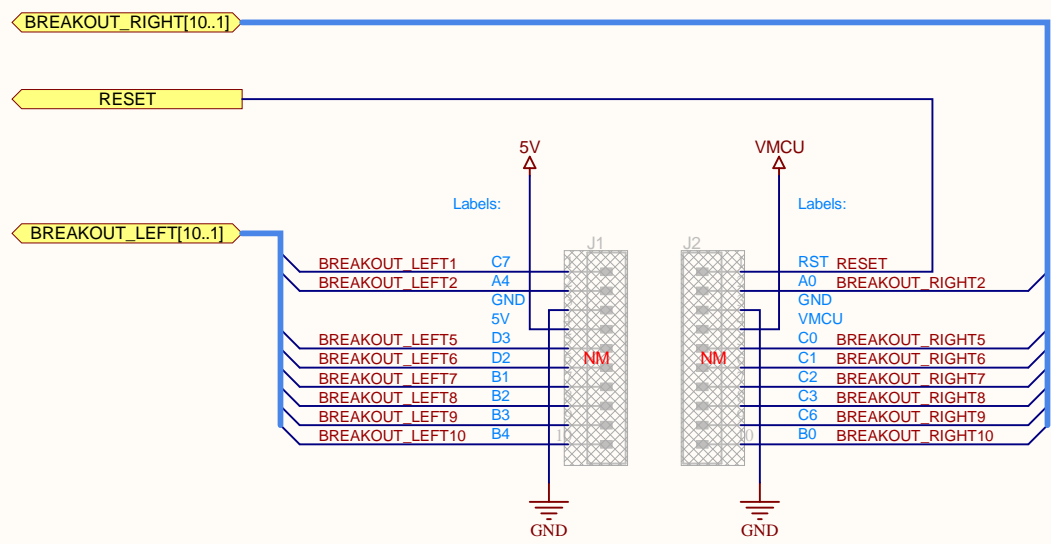
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MikroE Socket

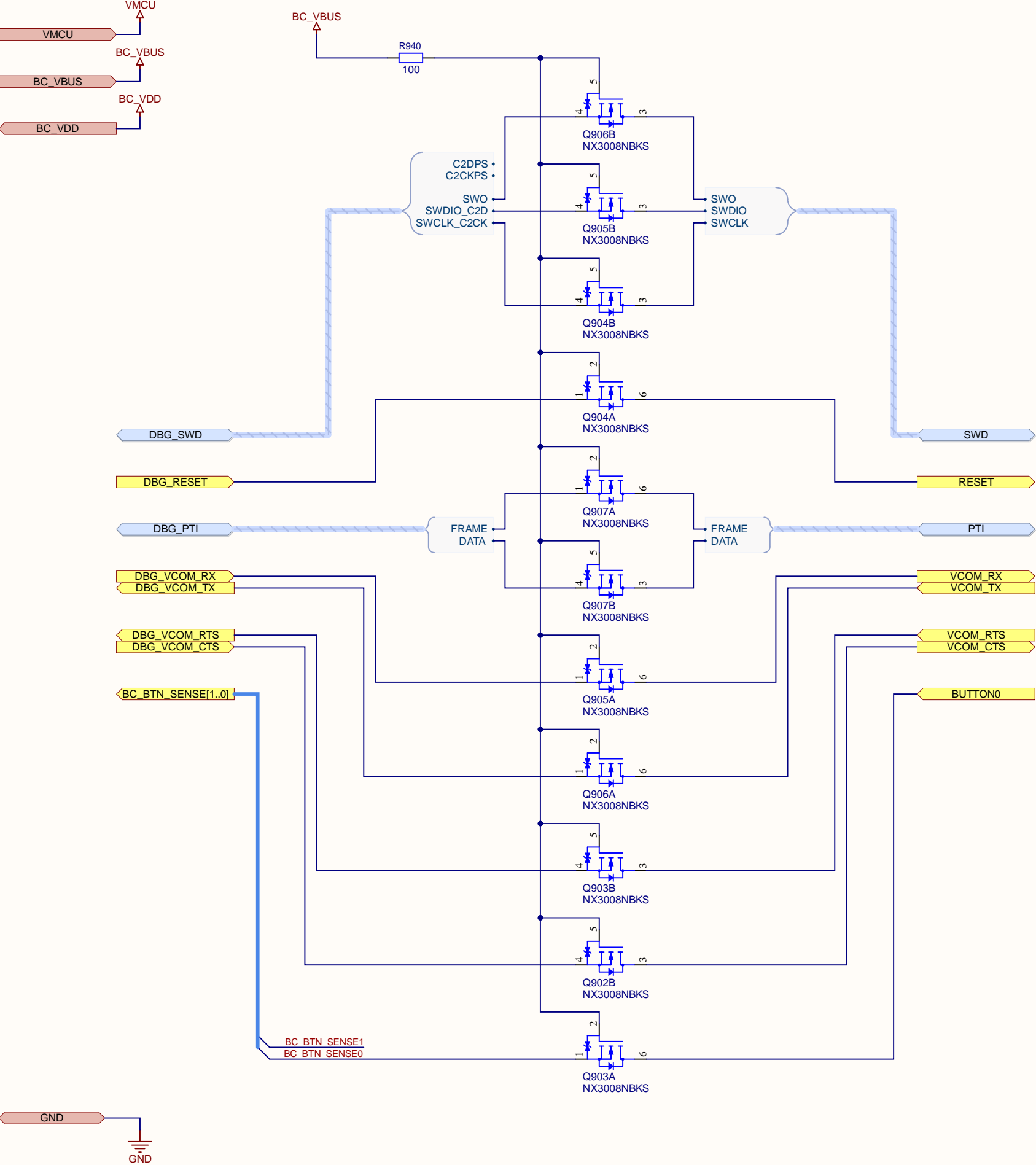


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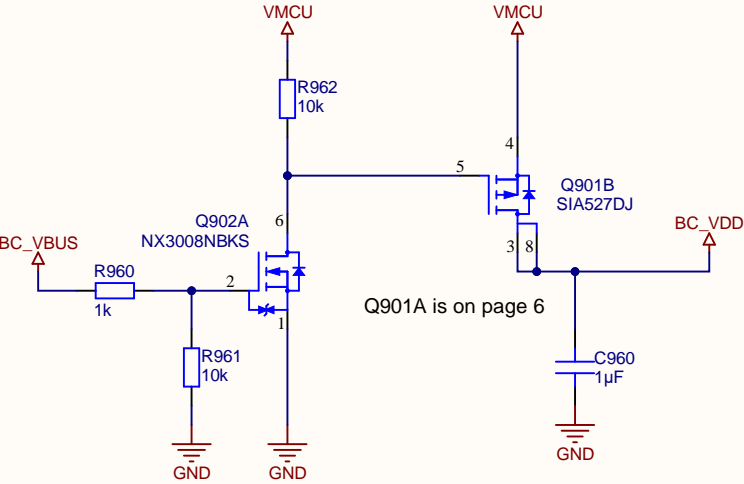



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Board Controller Isolation

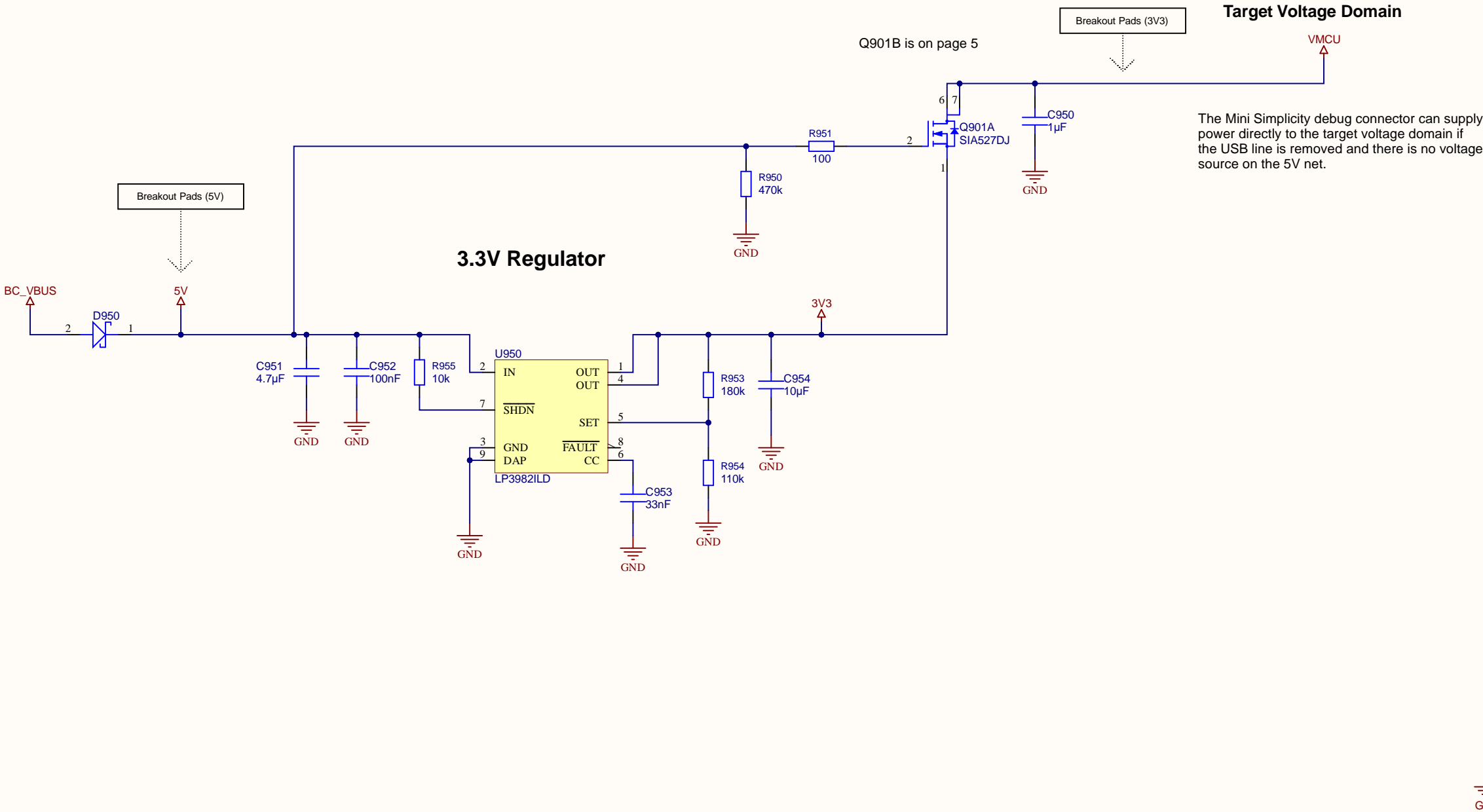
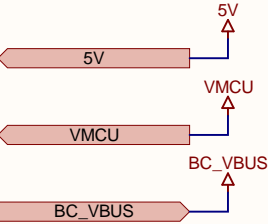



Board Controller Power



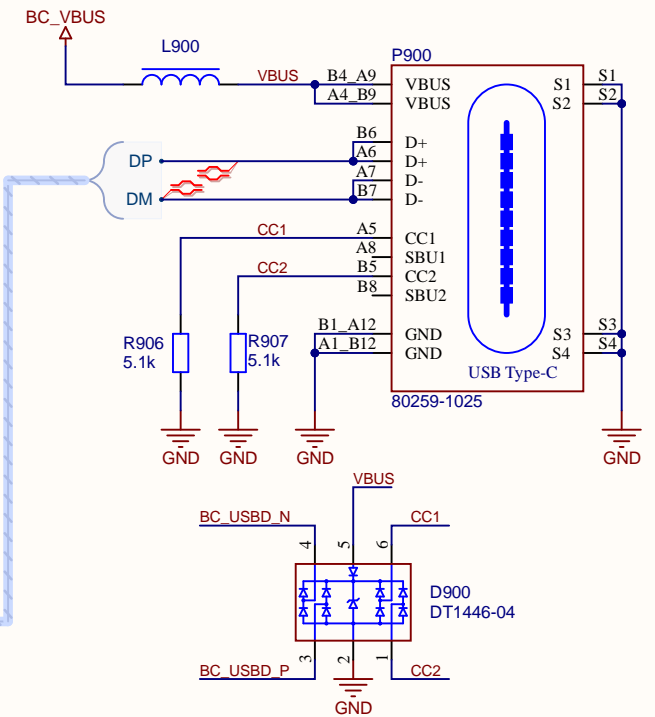
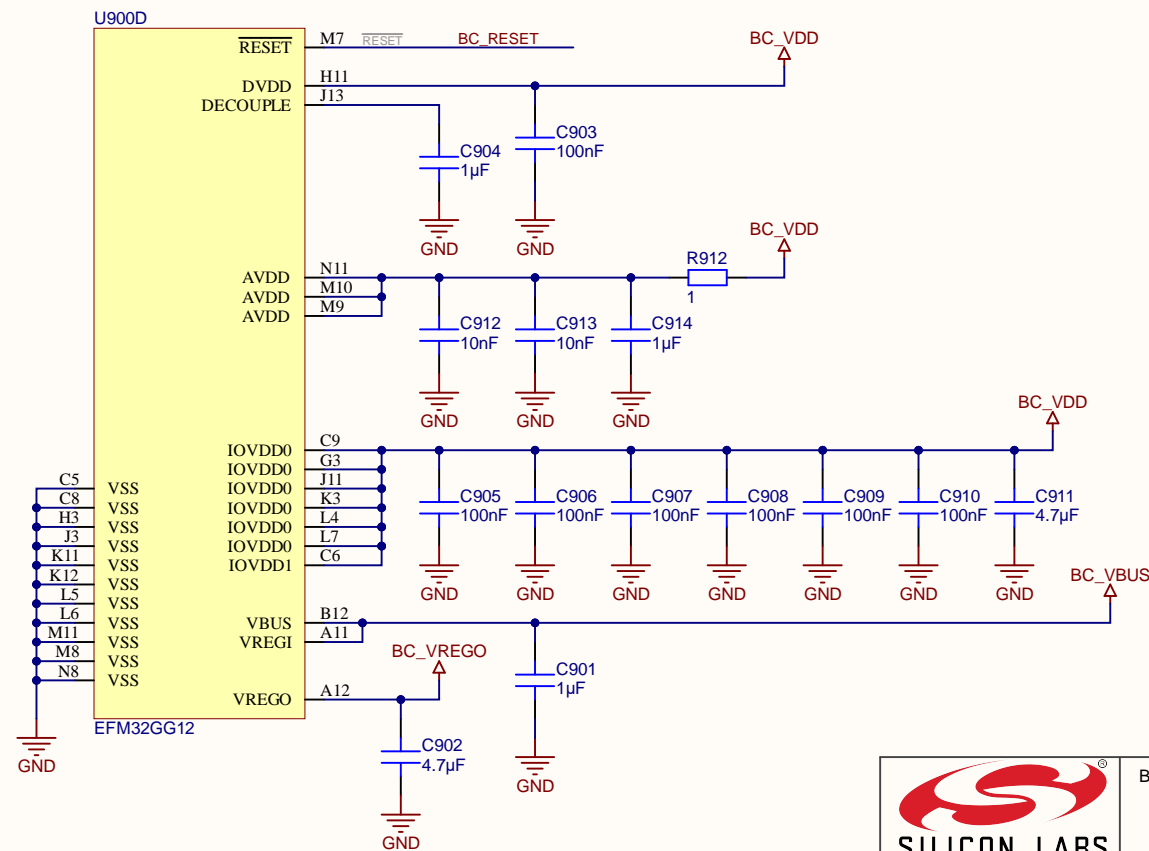
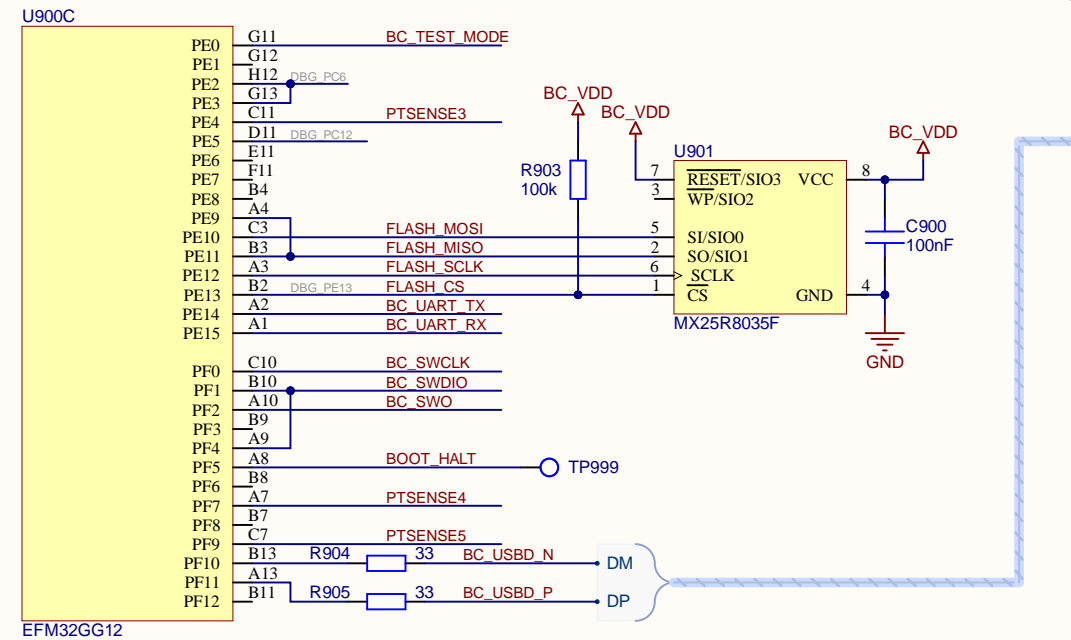
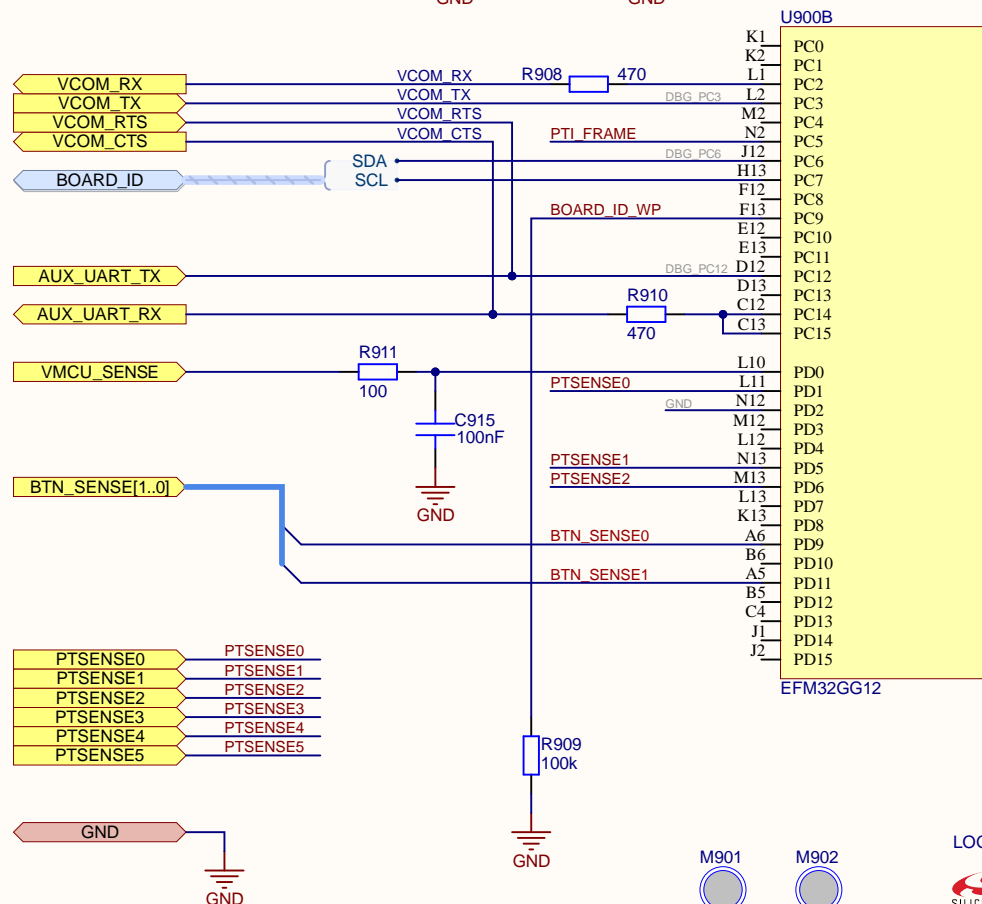
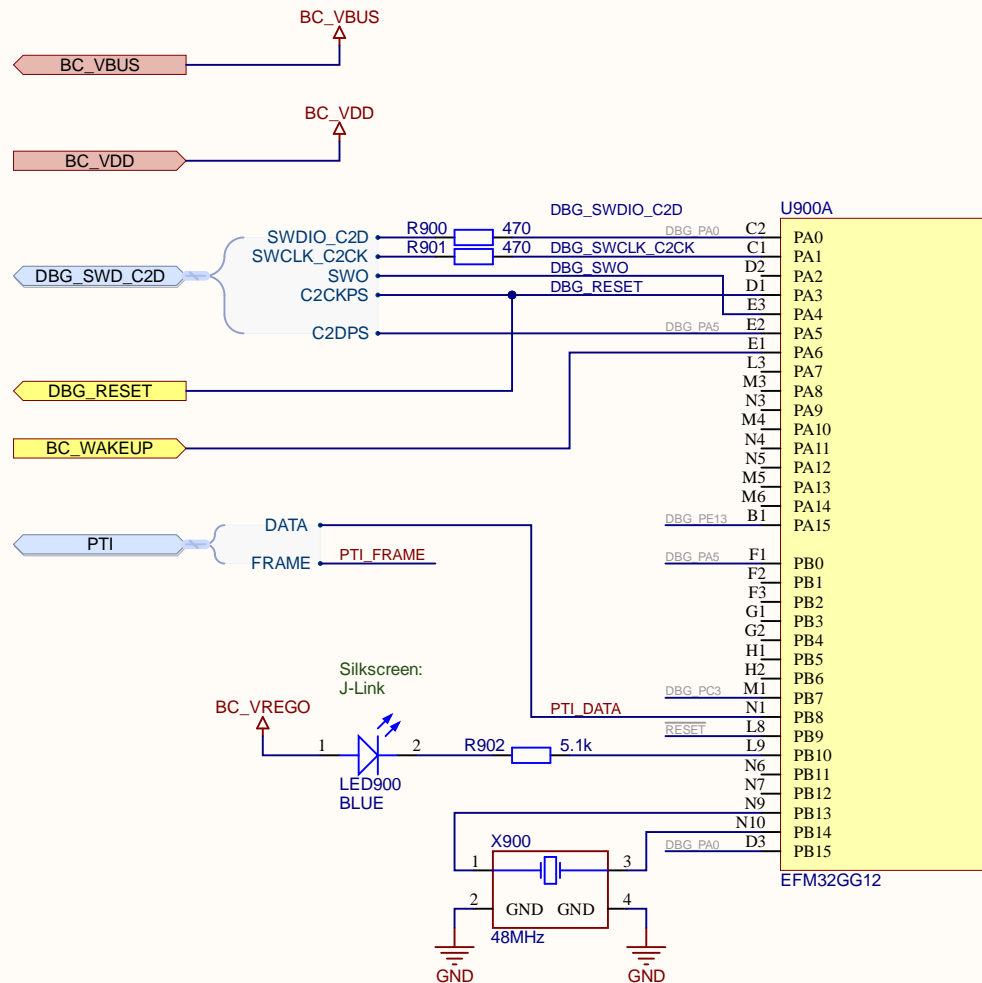
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Board Power



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Board Controller



USB Type-C Connector

Production Test Points

BC SWDIO TPJ1 BC SWDIO

BC SWCLK TPJ2 BC SWCLK

BC SWO TPJ3 BC SWO

BC RESET TPJ17 BC RESET

BC TEST_MODE TPJ7 BC TEST_MODE

BC UART_TX TPJ5 BC TXD

BC UART_RX TPJ6 BC RXD

TPJ14 BOARD ID SCL

TPJ15 BOARD ID SDA

TPJ16 BOARD ID WP

BC USB_DP TPJ18 BC USB DP

BC USB_DM TPJ19 BC USB DM

BC VDD R913 10 TPJ11 VMCU

BC VBUS TPJ12 USB_VBUS

TPJ13 GND

GND



Board name
EFR32xG22E Explorer Kit

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