

Nordic Semiconductor ASA

nRF52832 Bluetooth Smart/ANT/2.4GHz RF Preview Development Board (PCA10036)

Sheet 1: nRF Radio

Sheet 2: Interface MCU

Sheet 3: Buttons and LEDs

Sheet 4: Connectors

Sheet 5: Power Supply

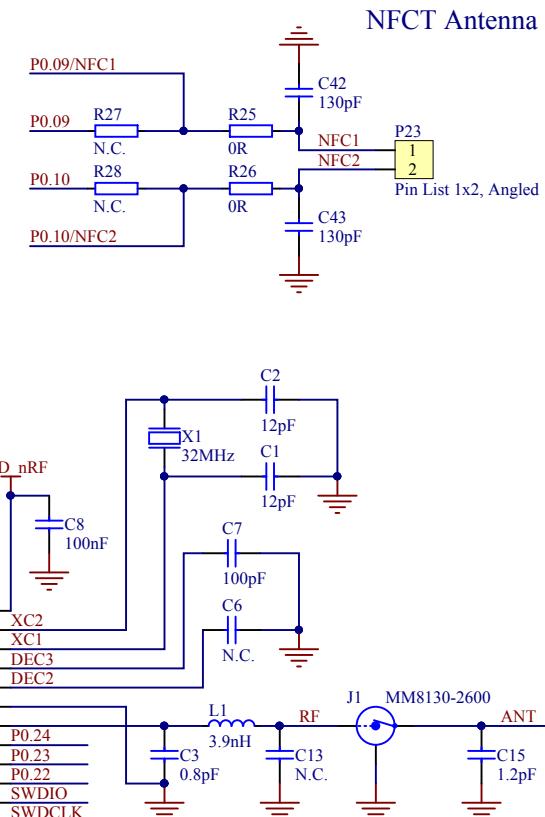
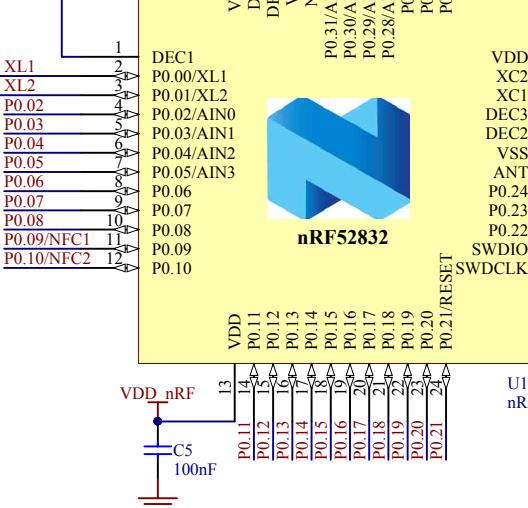
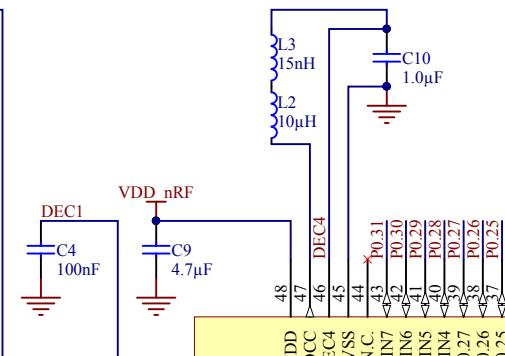
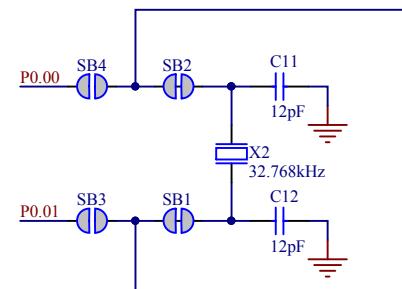


PCA10036 - Cover		
Size	Project Number	Revision
A3	4397	1.1.0
Date:	6/2/2015	Sheet 0 of 5
File:	pca10036_sheet0_cover.SchDoc	Drawn By: KJP

A

[1,4]	P0.00	P0.00
[1,4]	P0.01	P0.01
[1,4]	P0.02	P0.02
[1,4]	P0.03	P0.03
[1,4]	P0.04	P0.04
[1,2,4]	P0.05	P0.05
[1,2,4]	P0.06	P0.06
[1,2,4]	P0.07	P0.07
[1,2,4]	P0.08	P0.08
[1,4]	P0.09	P0.09
[1,4]	P0.10	P0.10
[1,4]	P0.11	P0.11
[1,4]	P0.12	P0.12
[1,3,4]	P0.13	P0.13
[1,3,4]	P0.14	P0.14
[1,3,4]	P0.15	P0.15
[1,3,4]	P0.16	P0.16
[1,3,4]	P0.17	P0.17
[1,2,3,4]	P0.18	P0.18
[1,3,4]	P0.19	P0.19
[1,3,4]	P0.20	P0.20
[1,2,4]	P0.21	P0.21
[1,4]	P0.22	P0.22
[1,4]	P0.23	P0.23
[1,4]	P0.24	P0.24
[1,4]	P0.25	P0.25
[1,3,4]	P0.26	P0.26
[1,3,4]	P0.27	P0.27
[1,4]	P0.28	P0.28
[1,4]	P0.29	P0.29
[1,4]	P0.30	P0.30
[1,4]	P0.31	P0.31

[1,2,4] SWDIO
[1,2,4] SWDCLK



Title
PCA10036 - nRF Radio

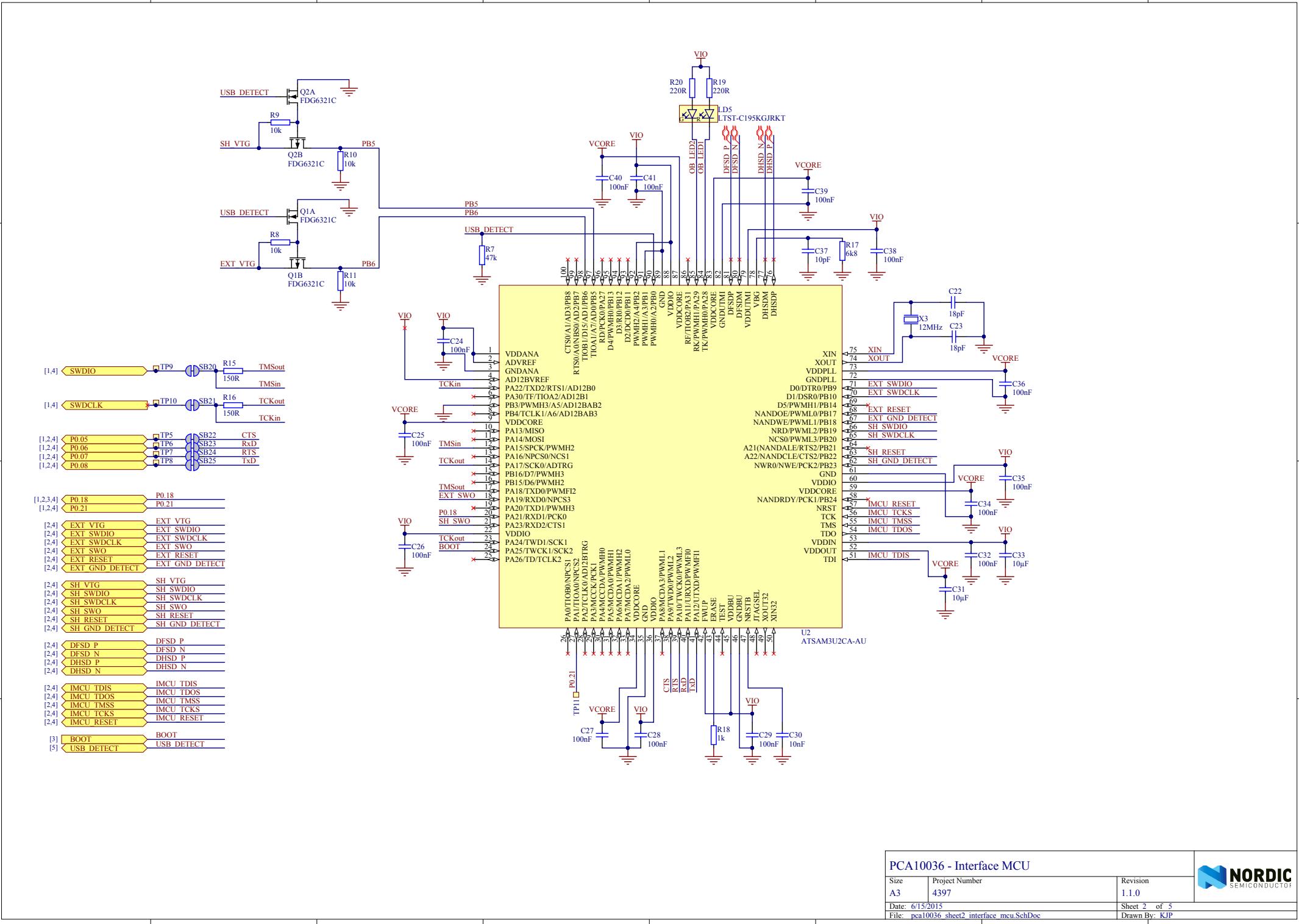
Size	Project Number
A4	4397

Revision
1.1.0

Date:	6/15/2015
File:	pca10036_sheet1_radio.SchDoc



Sheet 1 of 5
Drawn By: KJP



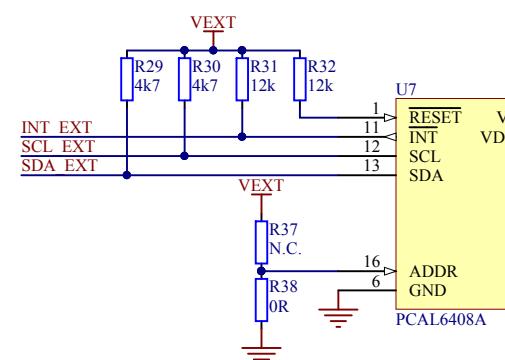
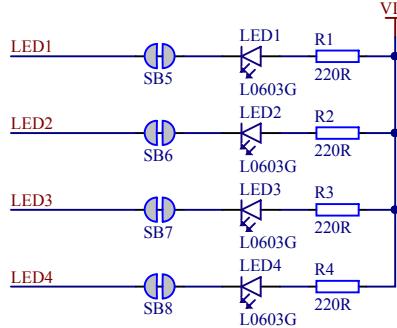
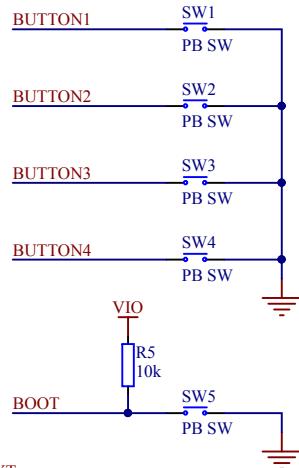
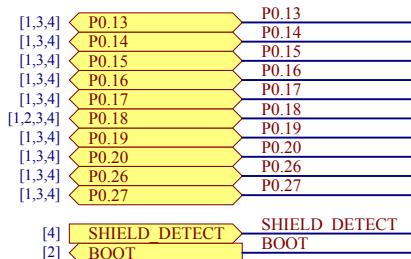
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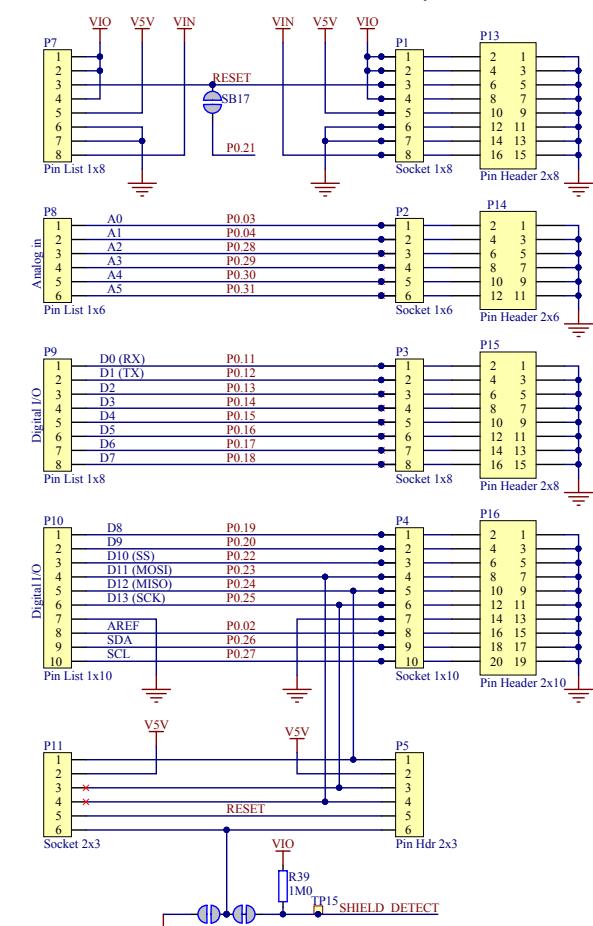
4

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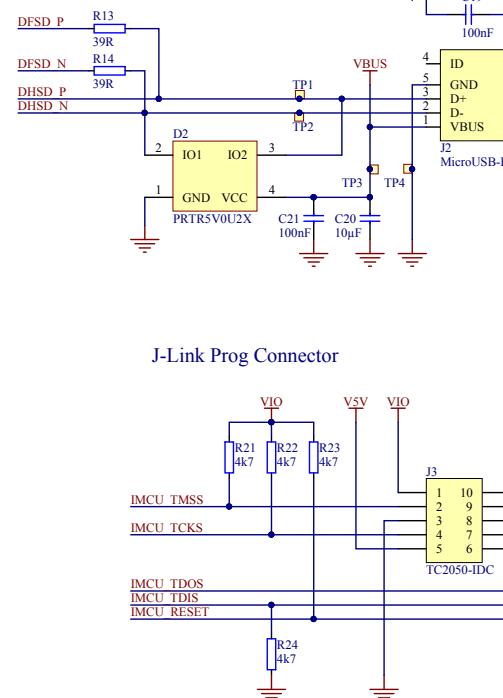


Arduino Interface Connectors

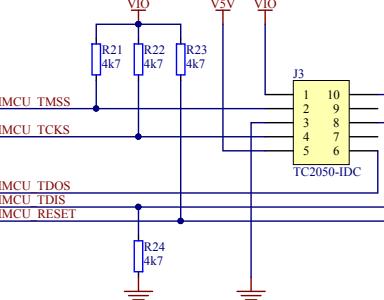
Bottom Connectors



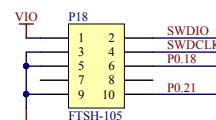
USB Connector



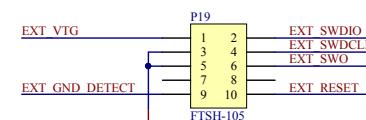
J-Link Prog Connector



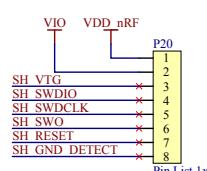
Debug IN Connector



Debug OUT Connector

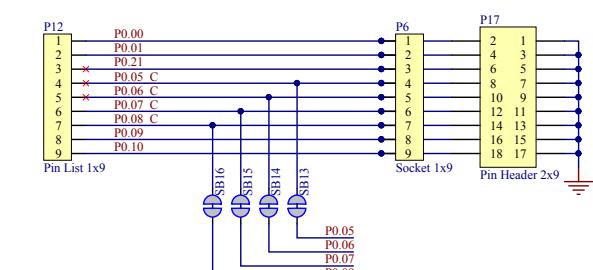


Shield Debug and Current measurement Connector



Auxiliary Connectors

Bottom Connectors



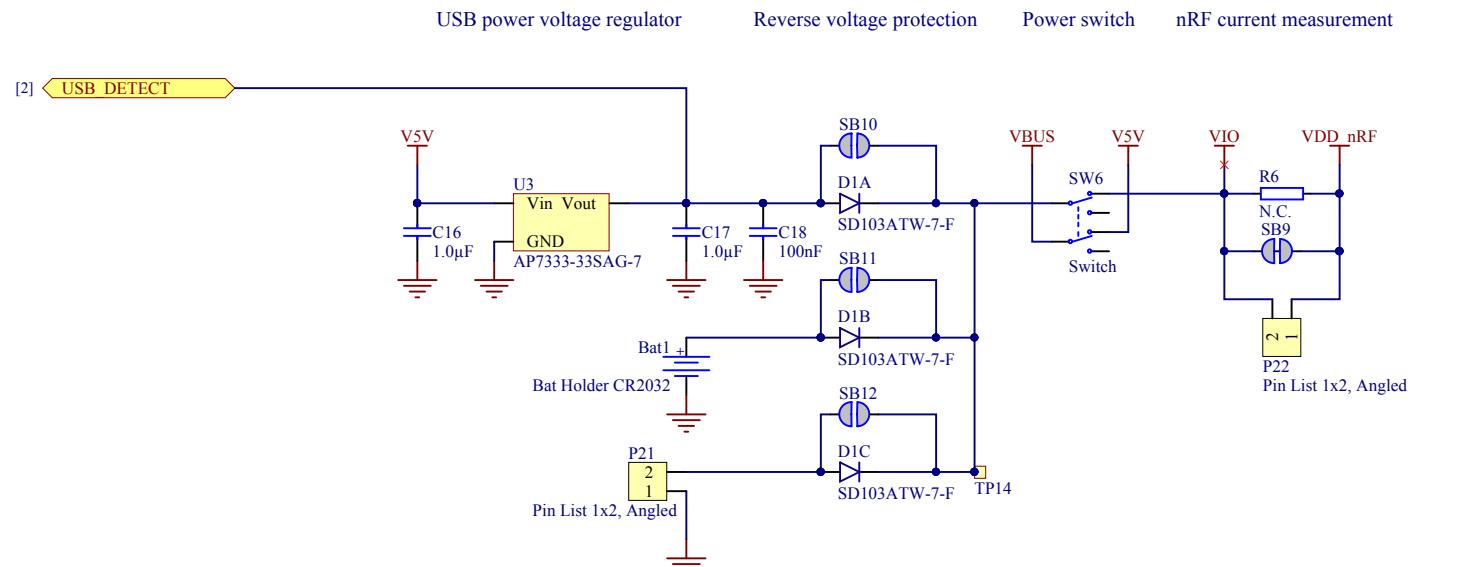
PCA10036 - Connectors

Size	Project Number	Revision
A3	4397	1.1.0
Date:	6/9/2015	Sheet 4 of 5
		Drawn By: KJP
		File: pca10036_sheet4_connectors.SchDoc

NORDIC
SEMICONDUCTOR

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A



B

B

C

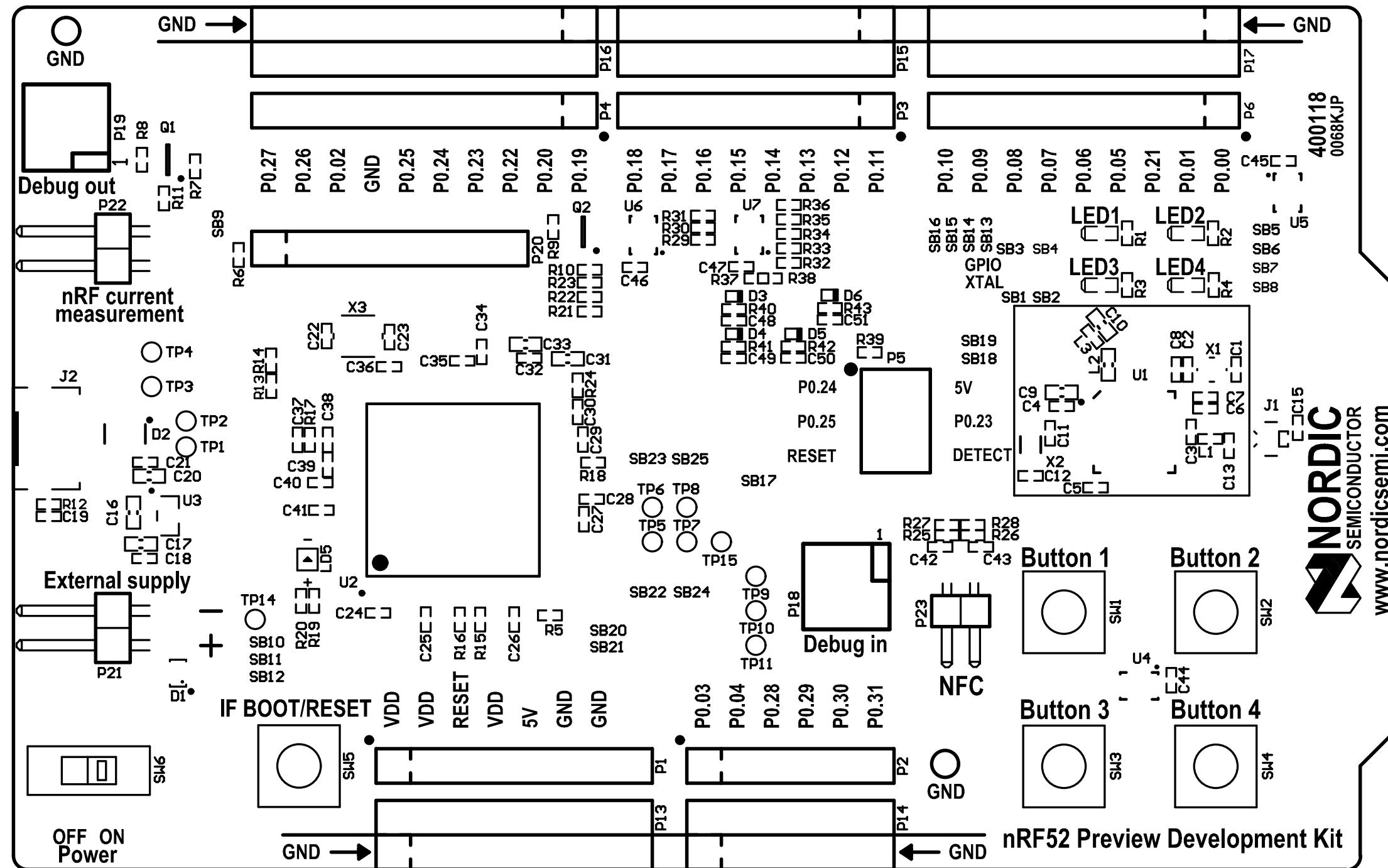
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Title
PCA10036 - Power Supply

Size A4	Project Number 4397	Revision 1.1.0	NORDIC SEMICONDUCTOR
Date: 6/2/2015		Sheet 5 of 5	
File: pca10036_sheet5_power_supply.SchDoc		Drawn By: KJP	

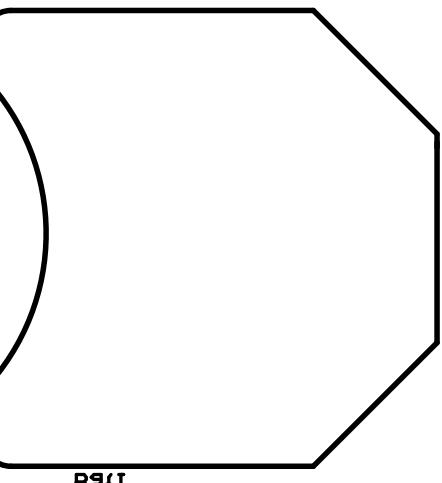


URF52 Preview Development Kit

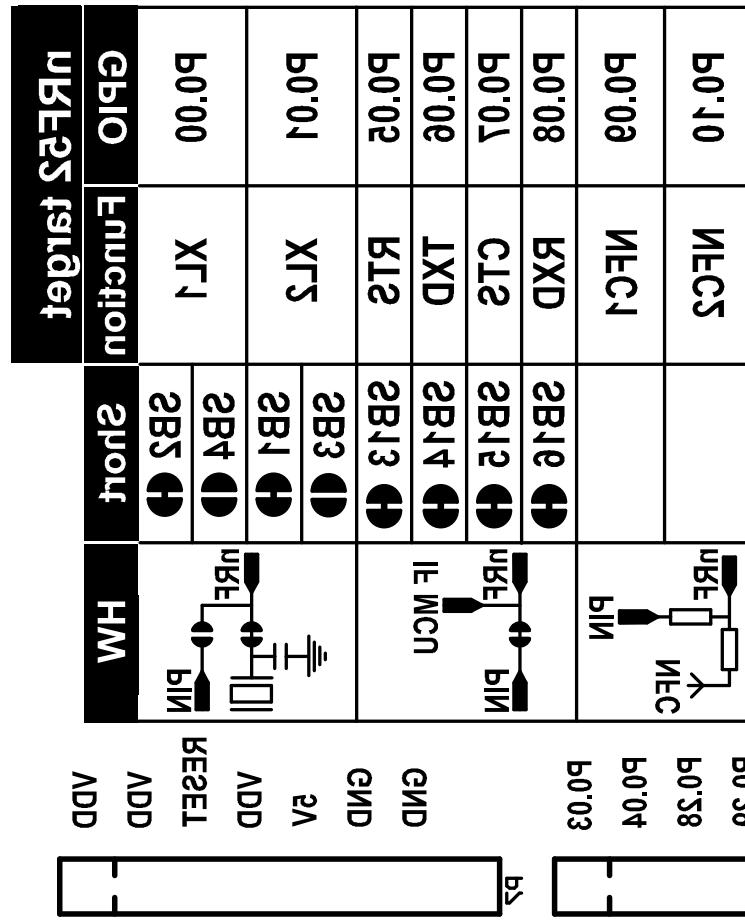
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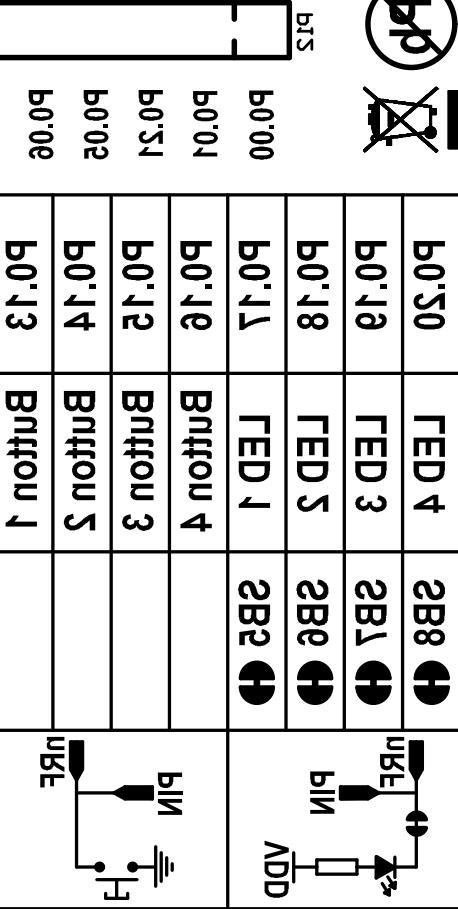
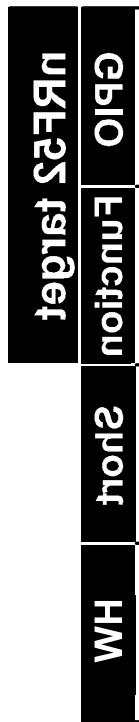
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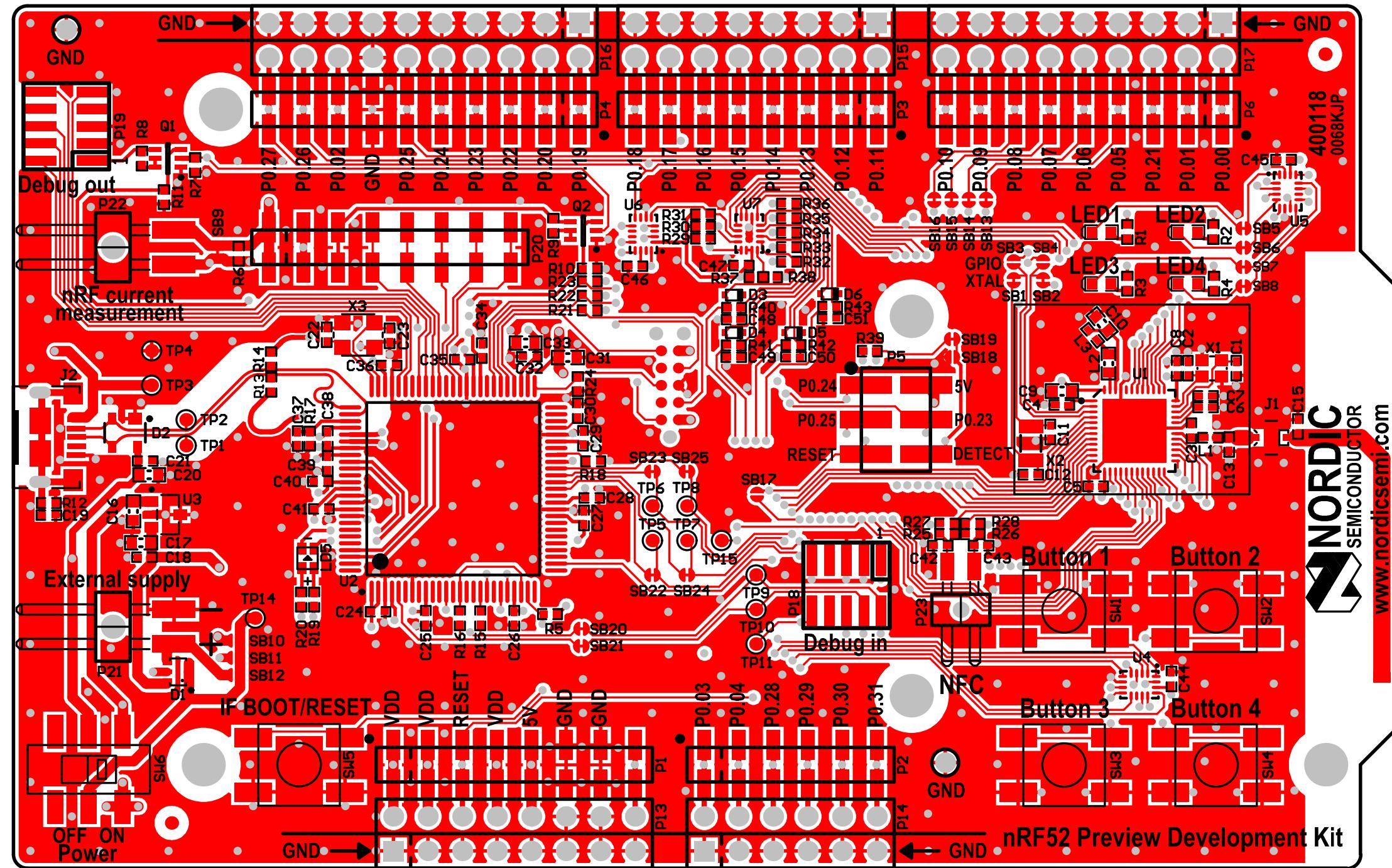


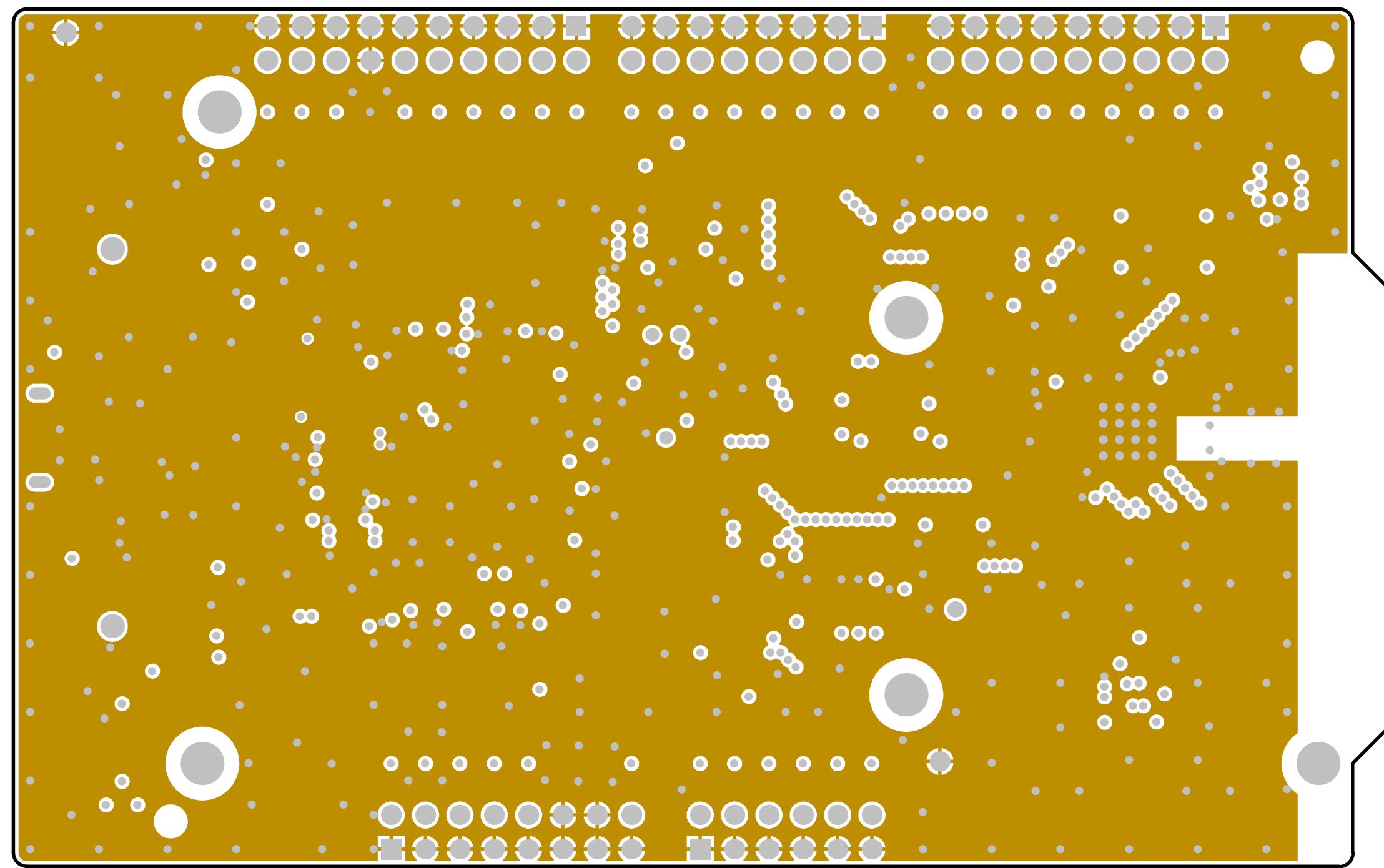
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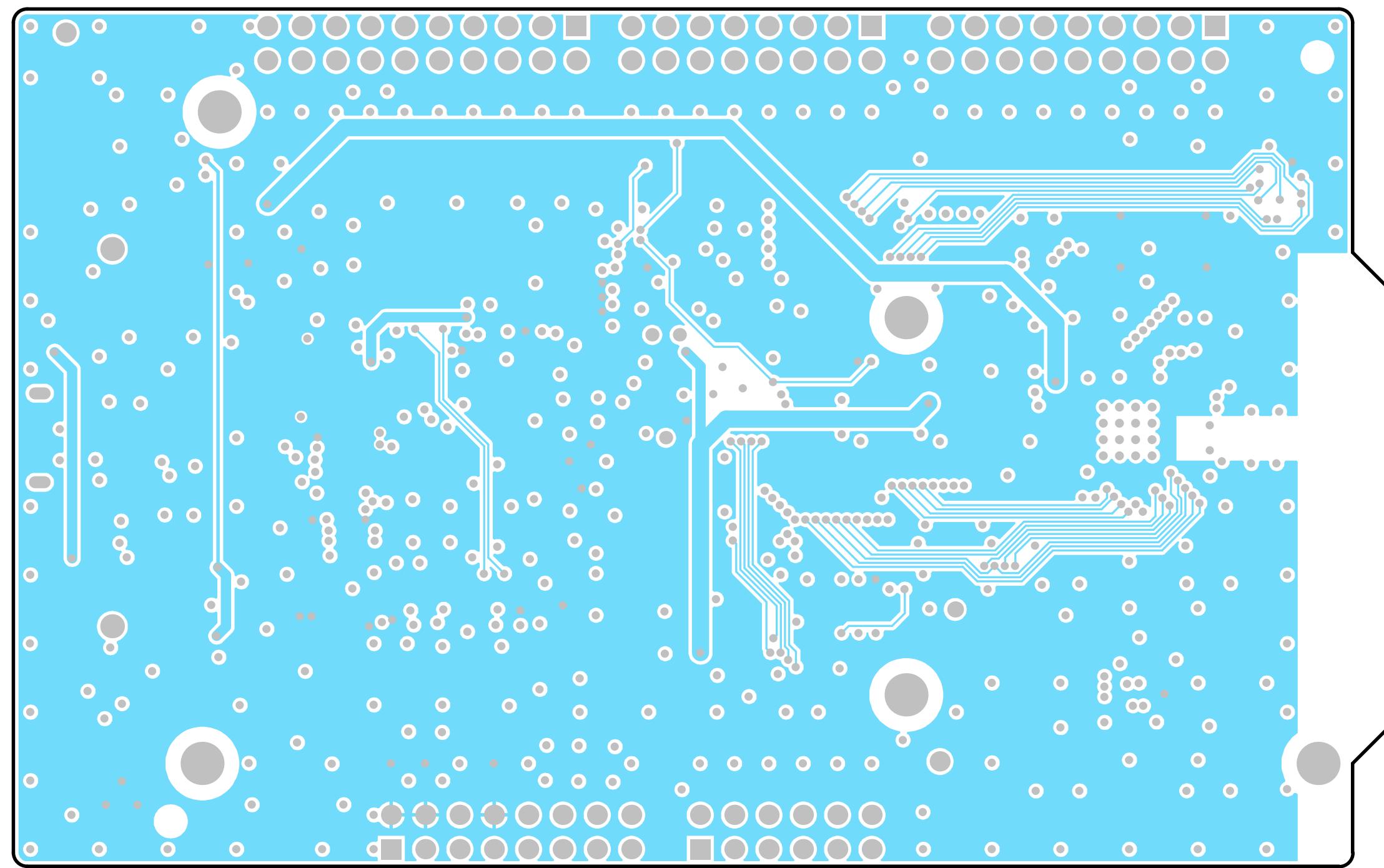


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uRF5 Preview Development Kit

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uRF5 Preview
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