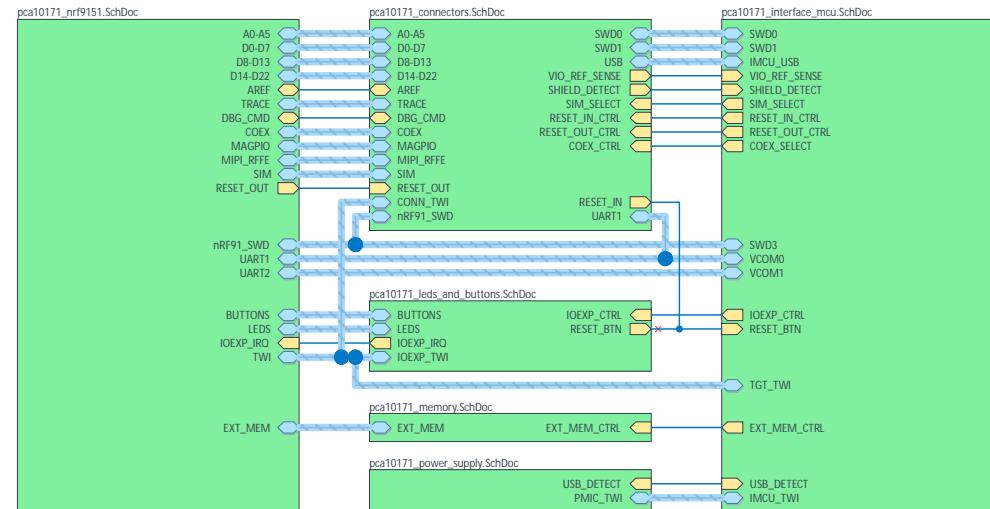


Nordic Semiconductor ASA

nRF9151 Development Kit (PCA10171)

- Sheet 1: Top Level
- Sheet 2: nRF9151
- Sheet 3: Interface MCU
- Sheet 4: LEDs and Buttons
- Sheet 5: IO Expander
- Sheet 6: Memory
- Sheet 7: Connectors
- Sheet 8: Power Supply
- Sheet 9: Analog Switch 1
- Sheet 10: Analog Switch 2



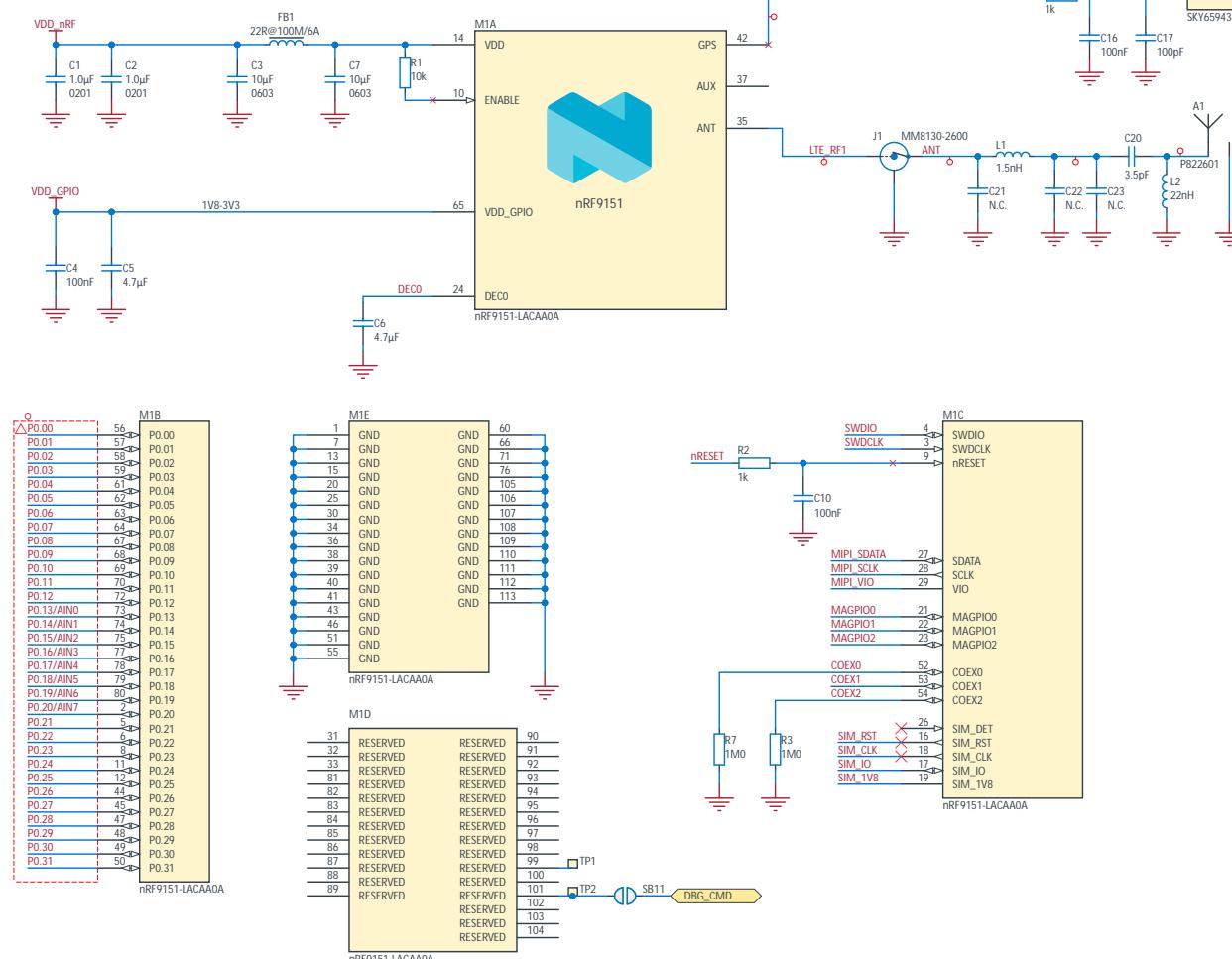
✖ The No ERC object is a design directive.
This directive is placed on a node in the circuit to suppress harmless warnings and/or error violation conditions that are detected when the schematic project is compiled.



PCBA10171
1.0.1
<year>-<week>
<01D>

Title		
nRF9151 Development Kit - Top Level		
Size	PCB Assembly Number	Revision
A3	PCBA10171	1.0.1
Date:	03/05/2024	Sheet 1 of 10
File:	pca10171_top_level.SchDoc	Drawn By: KOD1
Classification:	PUBLIC	

A
C1 and C2 should be distributed along the power trace.



Title:
nRF9151 Development Kit - nRF9151

Size: **A3** PCB Assembly Number: **PCA10171**

Date: **03/05/2024**

File: **pca10171_nrf9151.SchDoc**

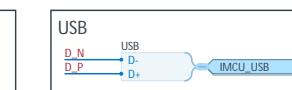
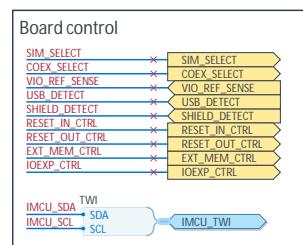
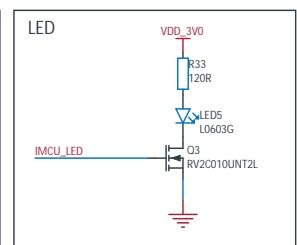
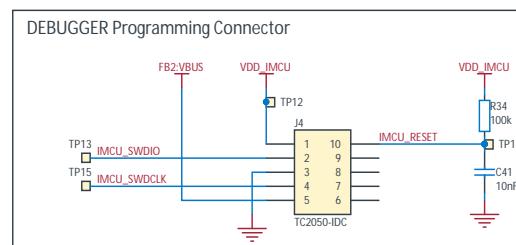
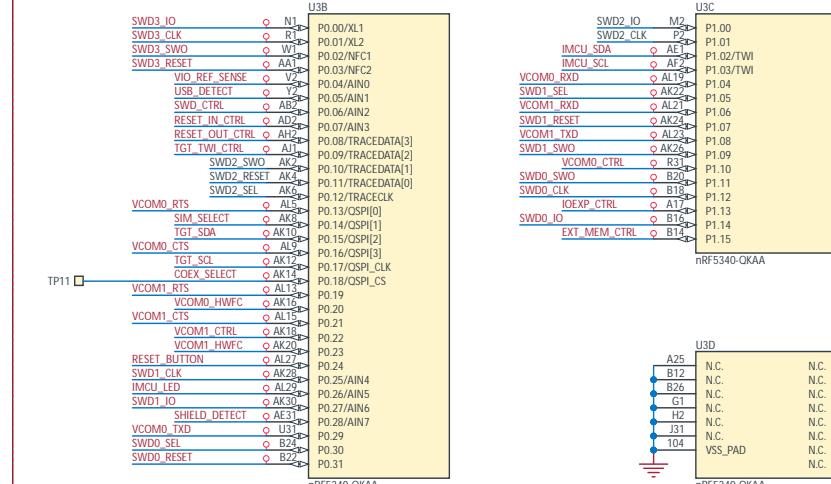
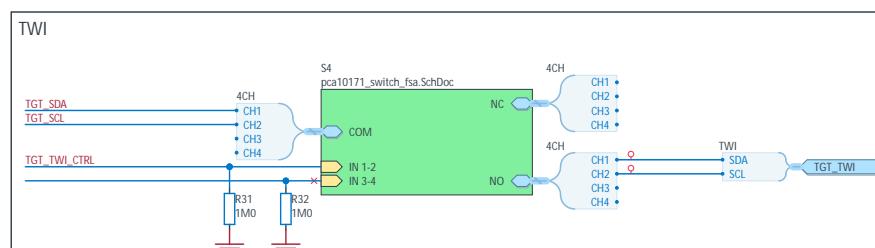
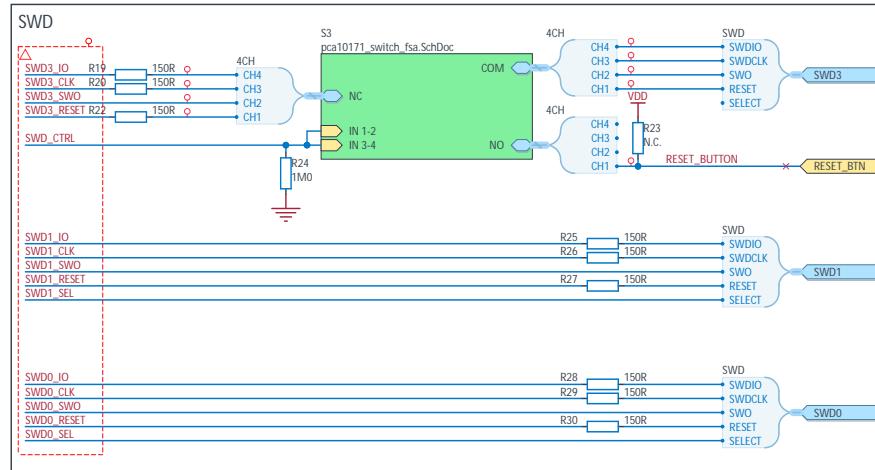
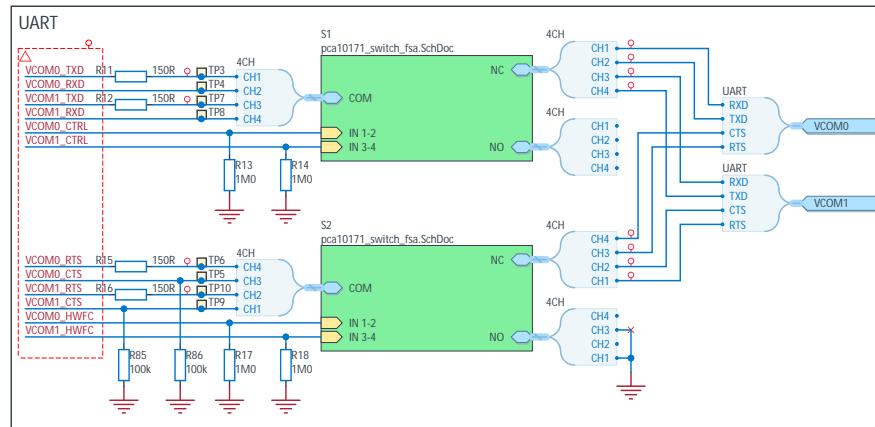
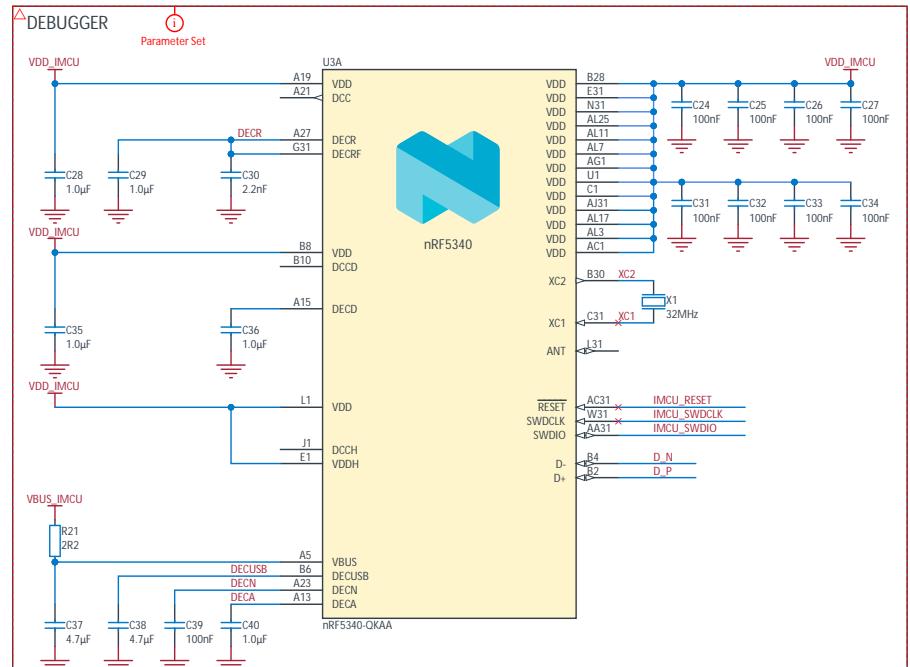
Classification: **PUBLIC**

Revision: **1.0.1**



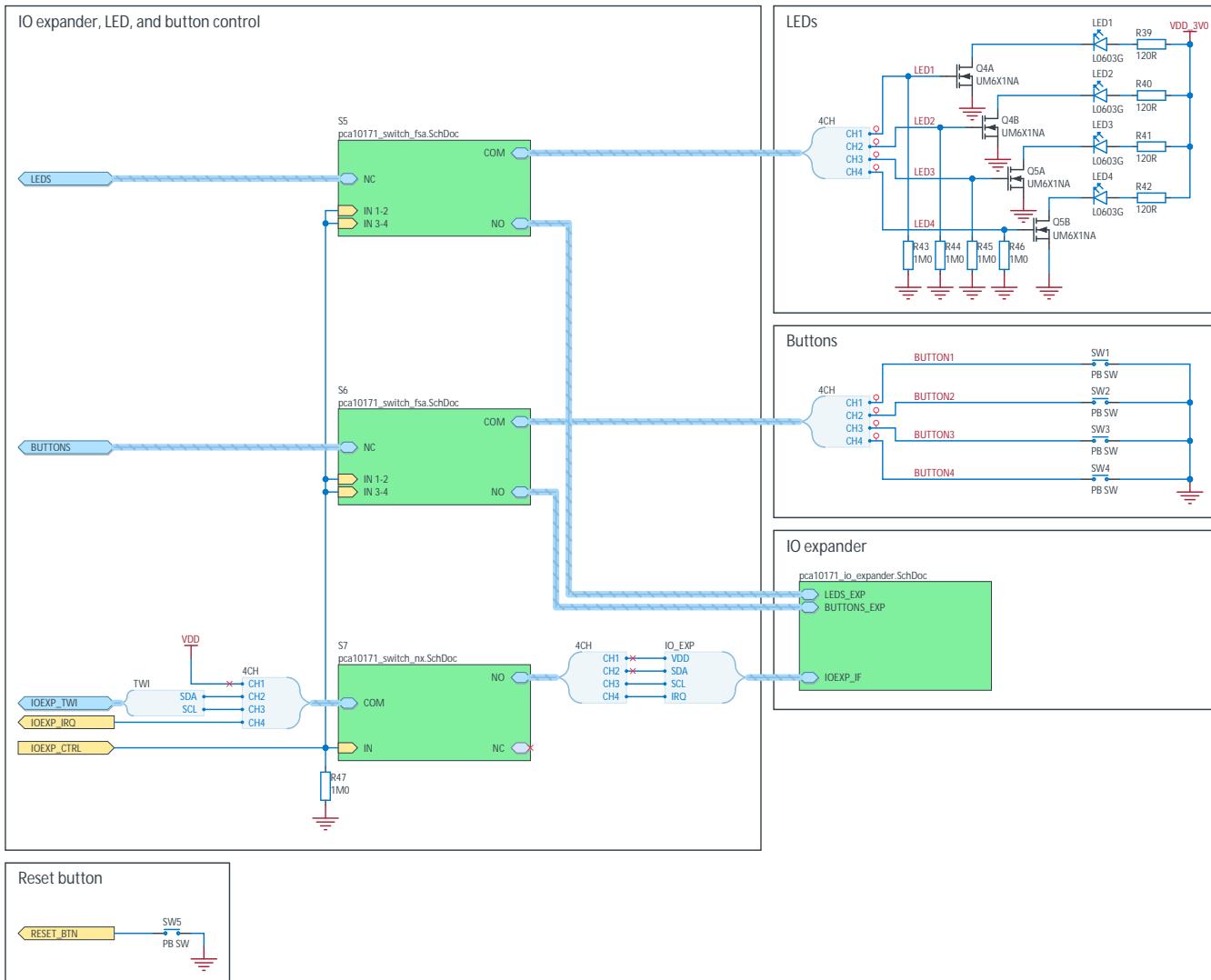
Sheet **2** of **10**

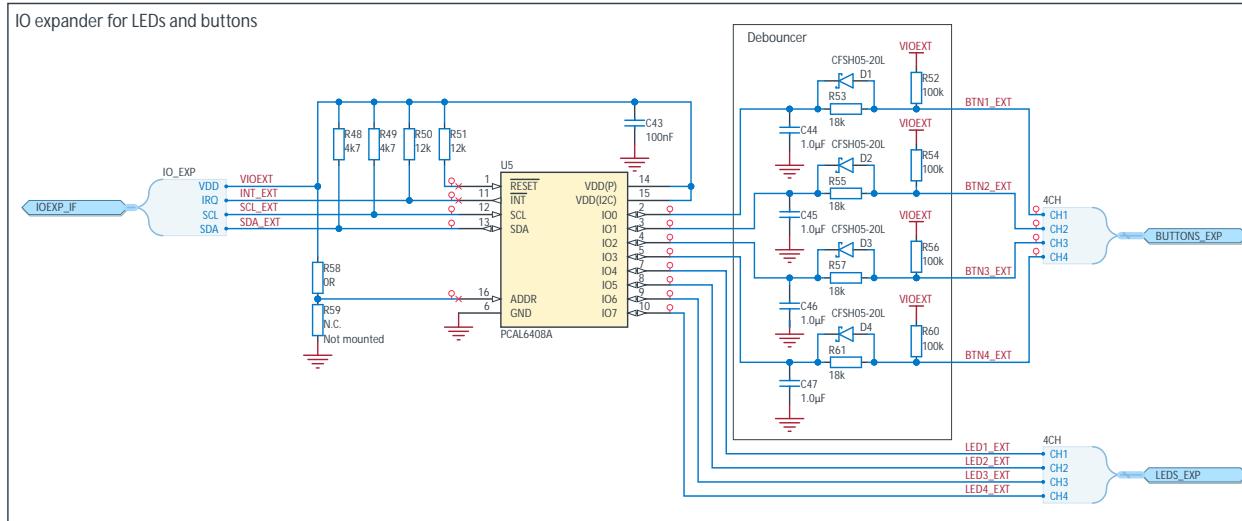
Drawn By: **KOD1**



Title: nRF9151 Development Kit - Interface MCU
Size: A3 PCB Assembly Number: PCA10171 Revision: 1.0.1
Date: 16/08/2024 Sheet: 3 of 10
File: pca10171_interface_mcu.SchDoc Drawn By: KODI
Classification: PUBLIC







Title
nRF9151 Development Kit - IO Expander

Size **A3** PCB Assembly Number **PCA10171**

Revision **1.0.1**



Date: **03/05/2024**

Sheet **5** of **10**

File: **pca10171_io_expander.SchDoc**

Drawn By: **KOD1**

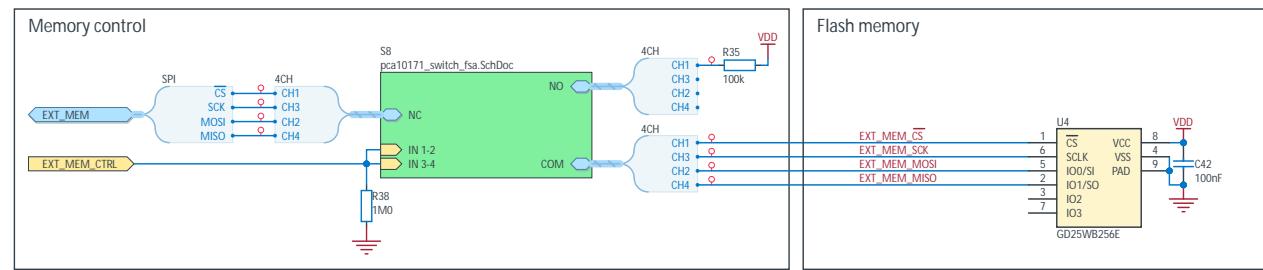
Classification: **PUBLIC**

A

A

B

B



C

C

D

D

Title
nRF9151 Development Kit - Memory

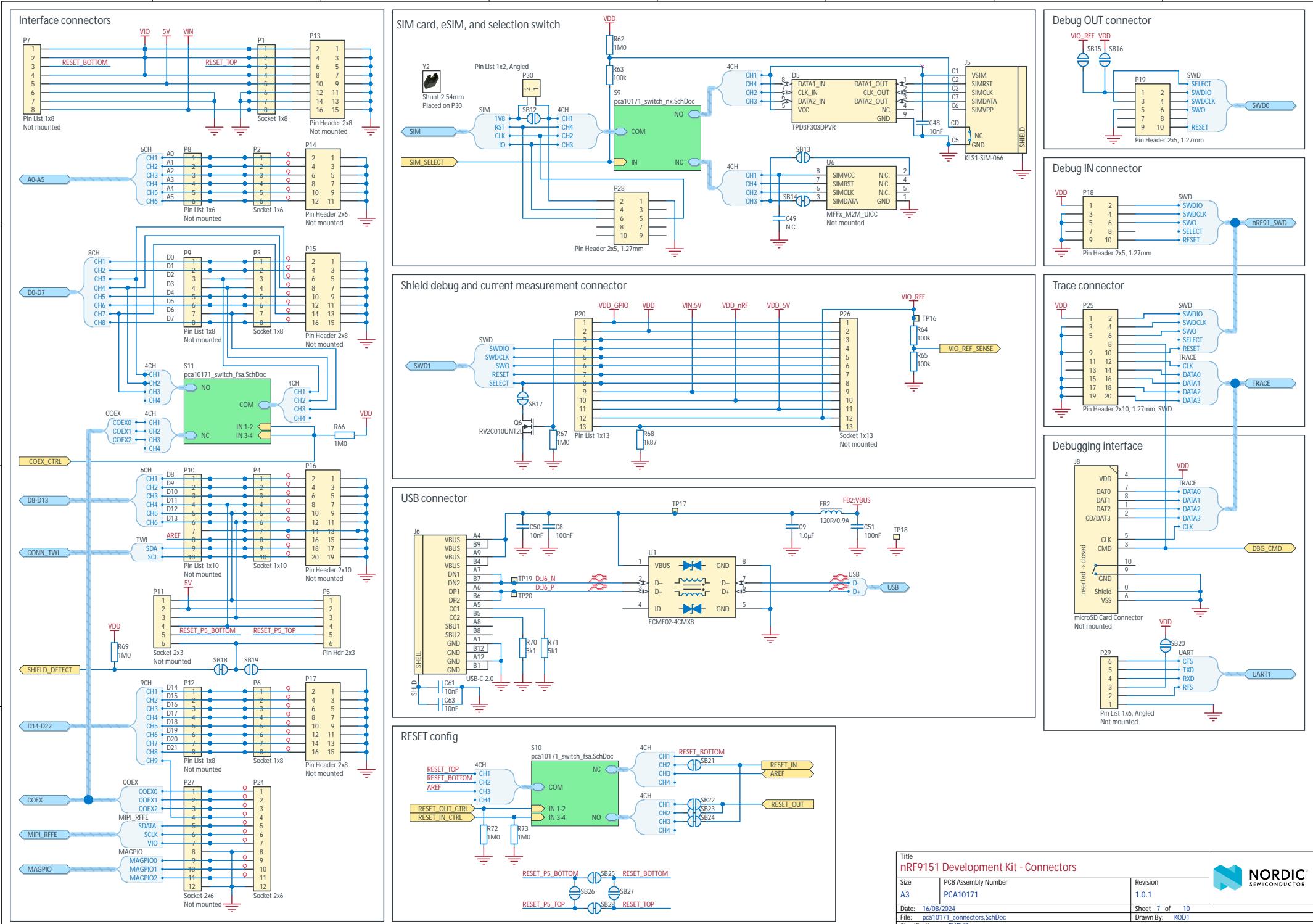
Size A3	PCB Assembly Number PCA10171	Revision 1.0.1
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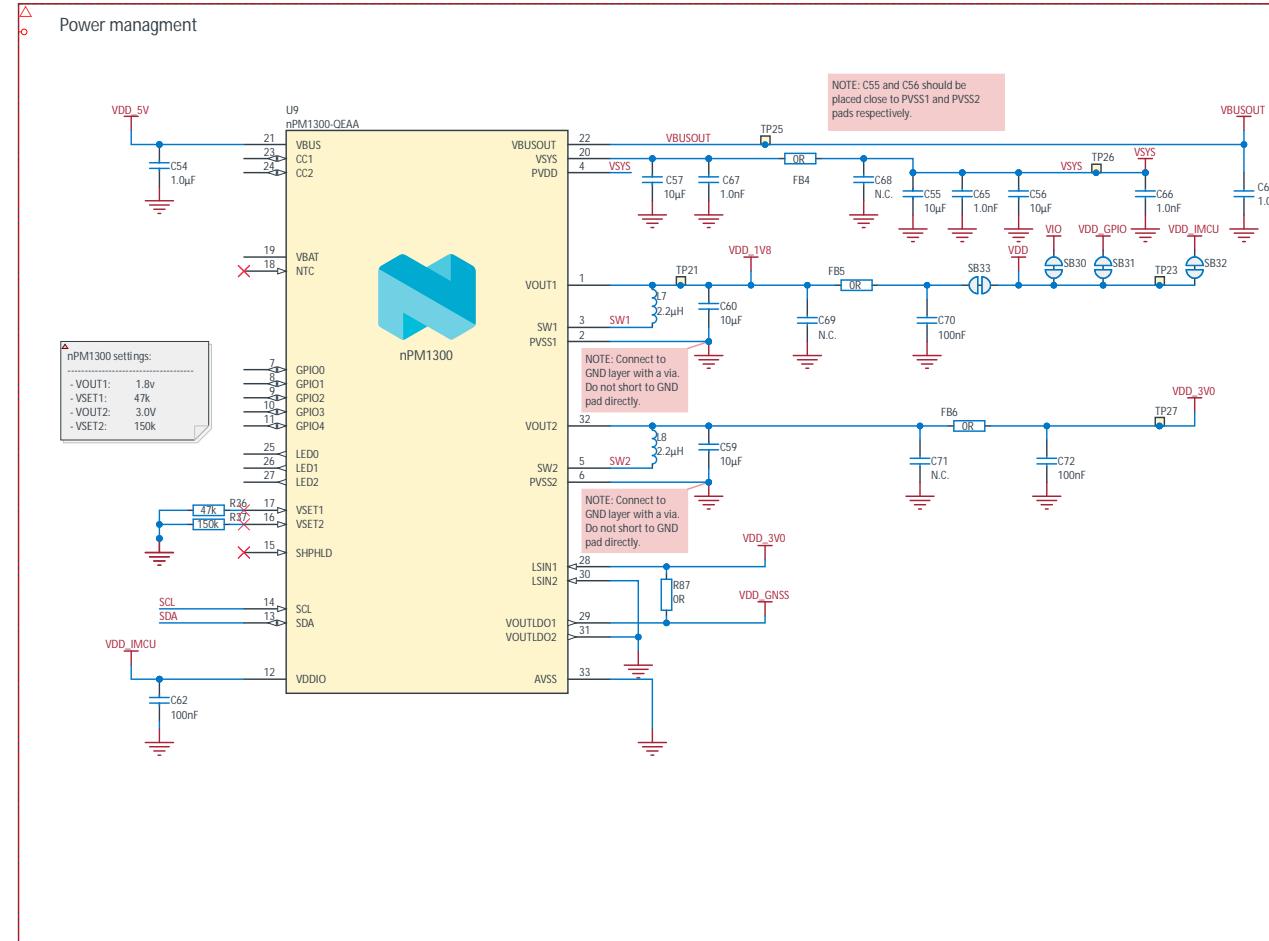
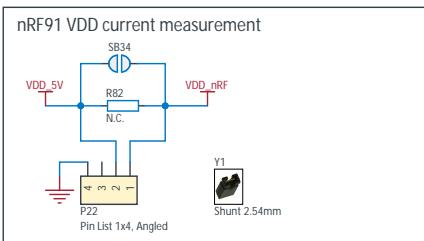
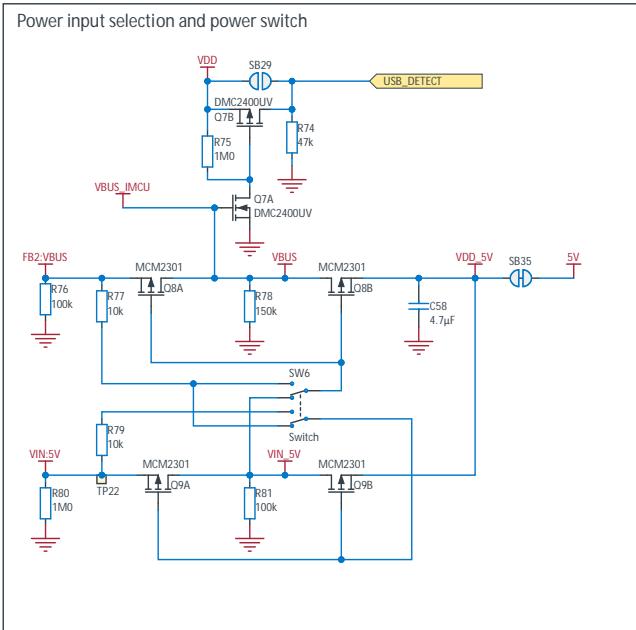
Date: 03/05/2024

File: pca10171_memory.SchDoc

Classification: PUBLIC







Instrument ground

Title
nRF9151 Development Kit - Power SupplySize **A3** PCB Assembly Number **PCA10171** Revision **1.0.1**Date: **13/11/2024**File: **pca10171_power_supply.SchDoc**Classification: **PUBLIC**Sheet **8** of **10**Drawn By: **KOD1**

A

A

B

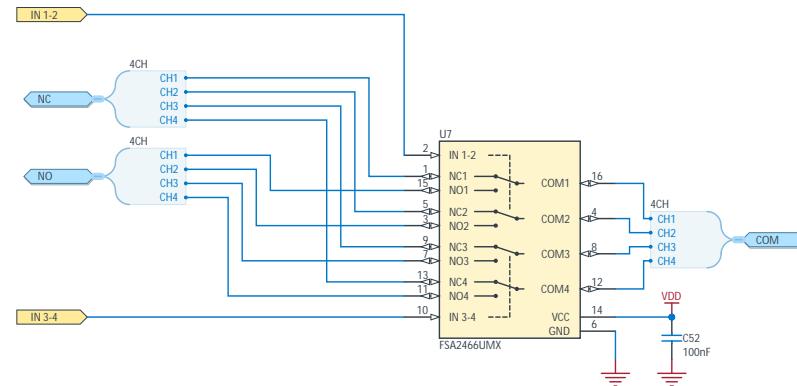
B

C

C

D

D



Title
nRF9151 Development Kit - Switch FSA

Size A3	PCB Assembly Number PCA10171	Revision 1.0.1
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Date: 03/05/2024

File: [pca10171_switch_fsa.SchDoc](#)

Classification: PUBLIC



104

A

104

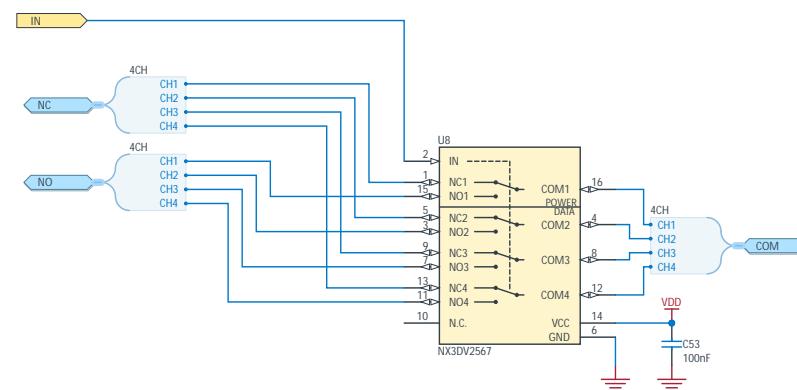
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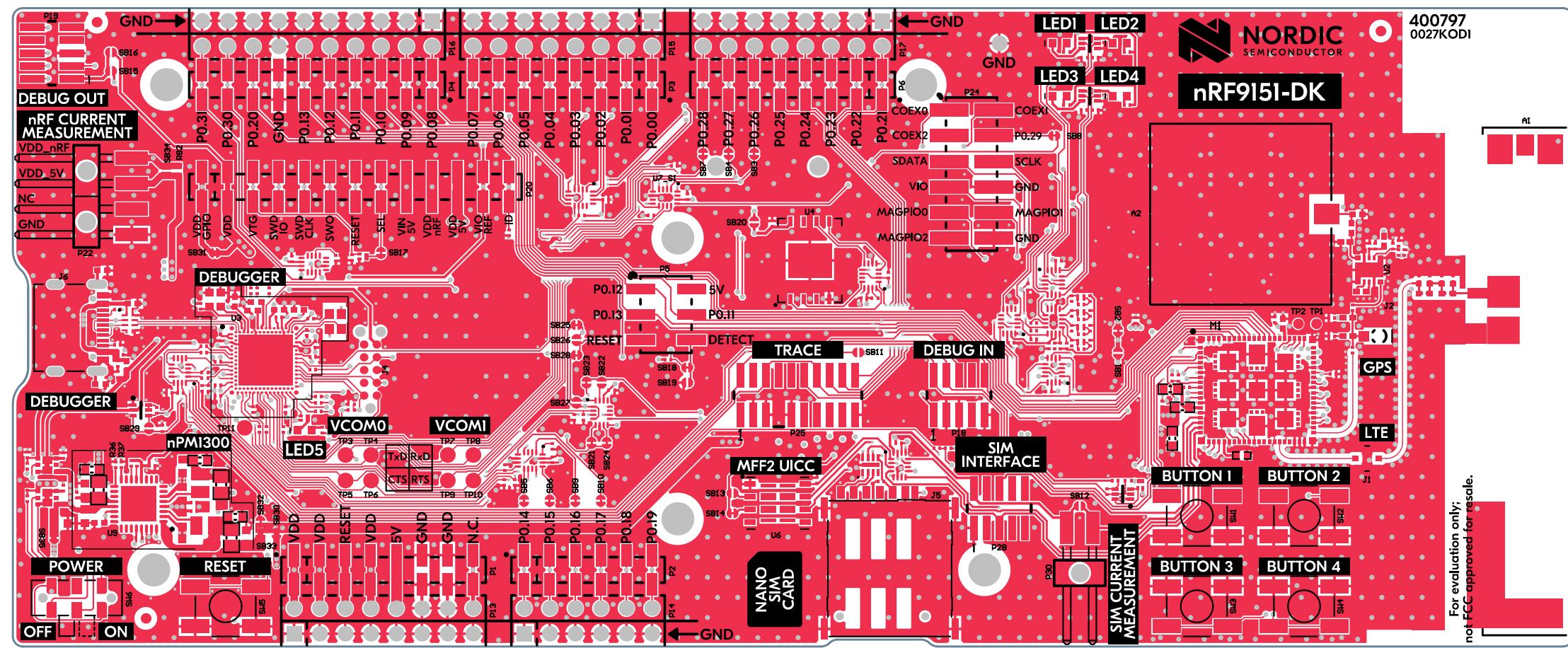
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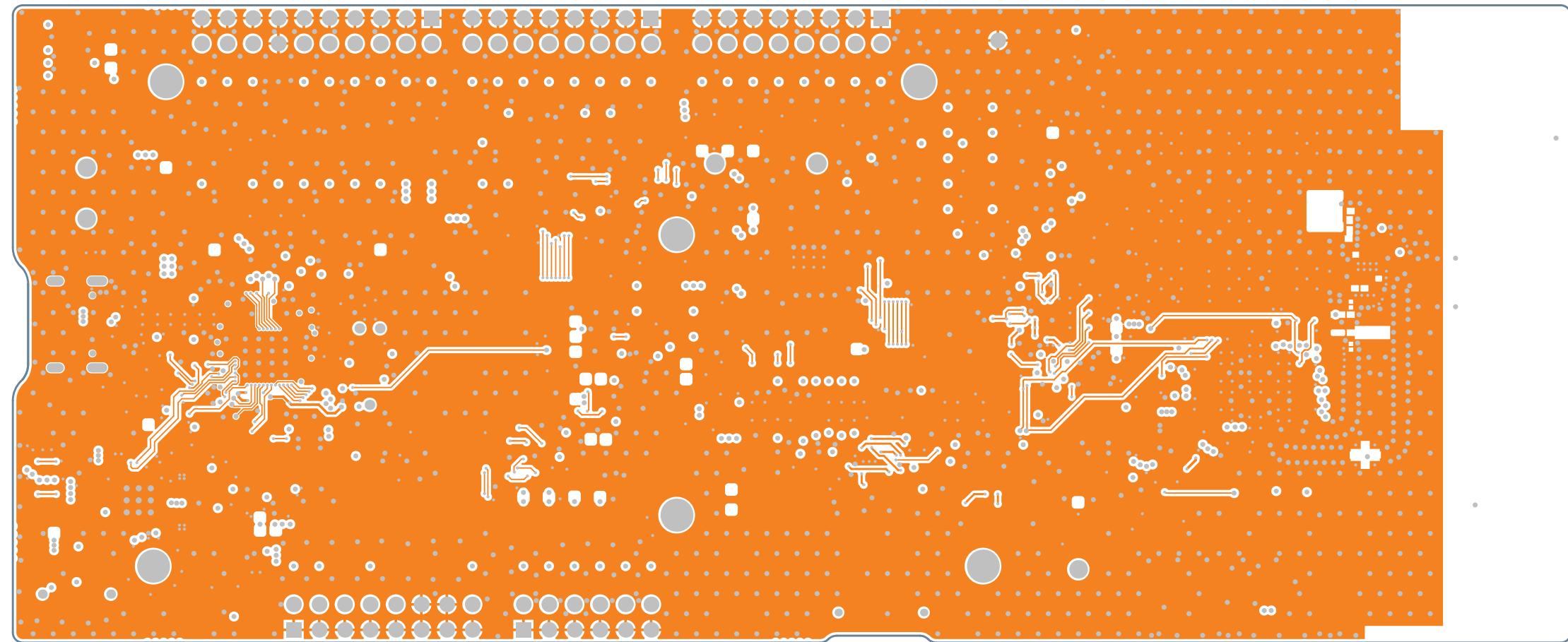
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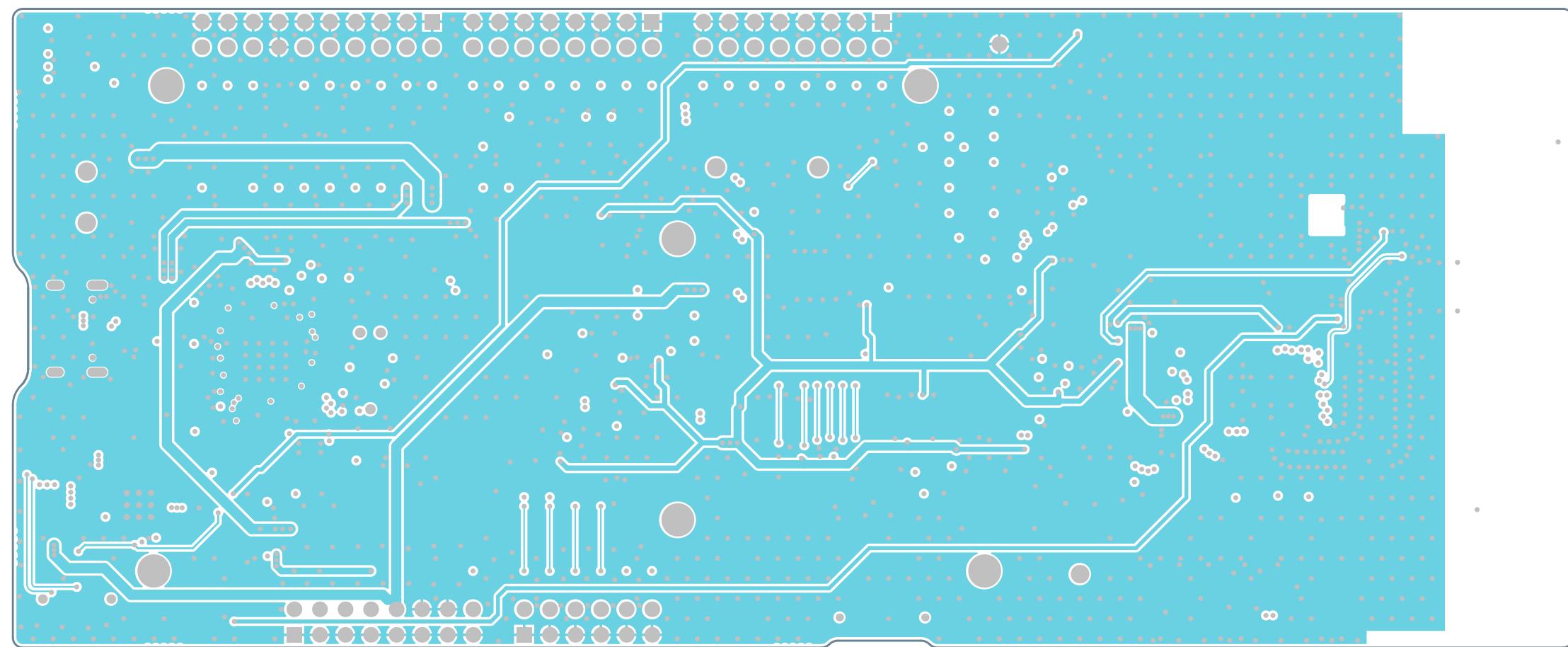
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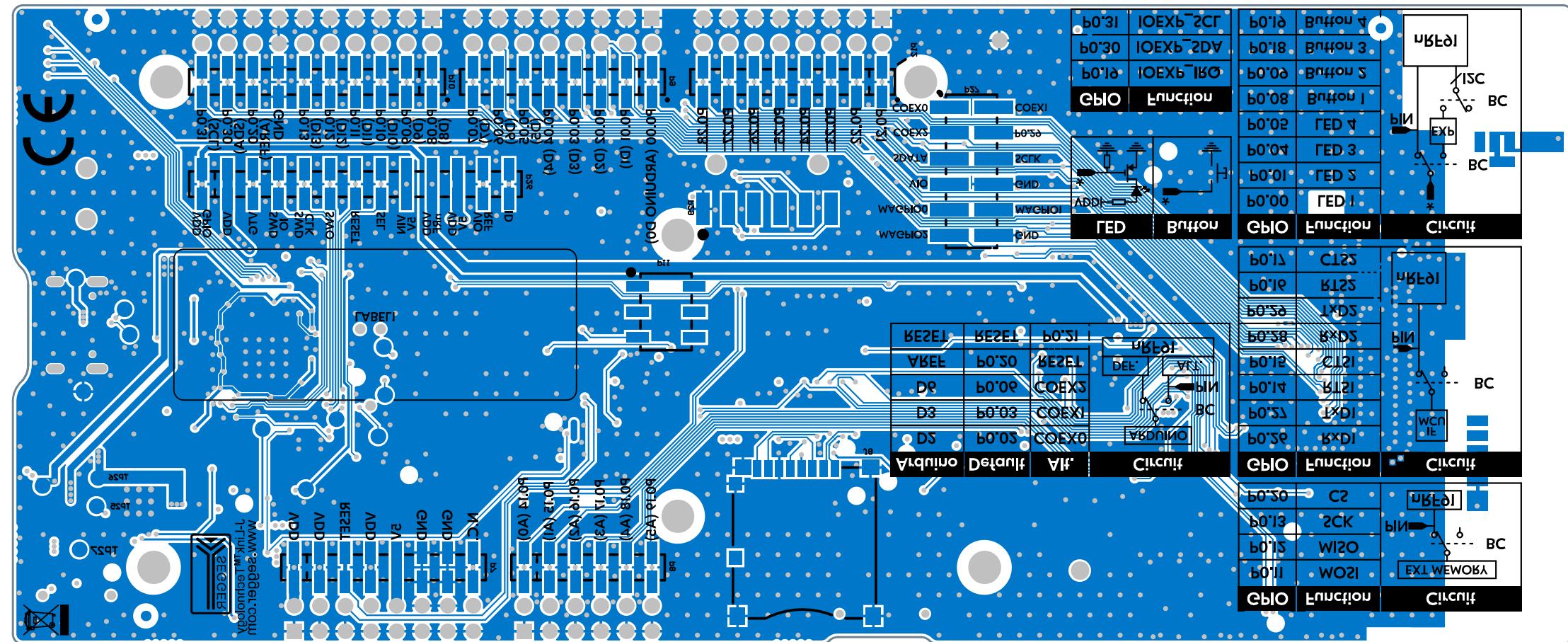


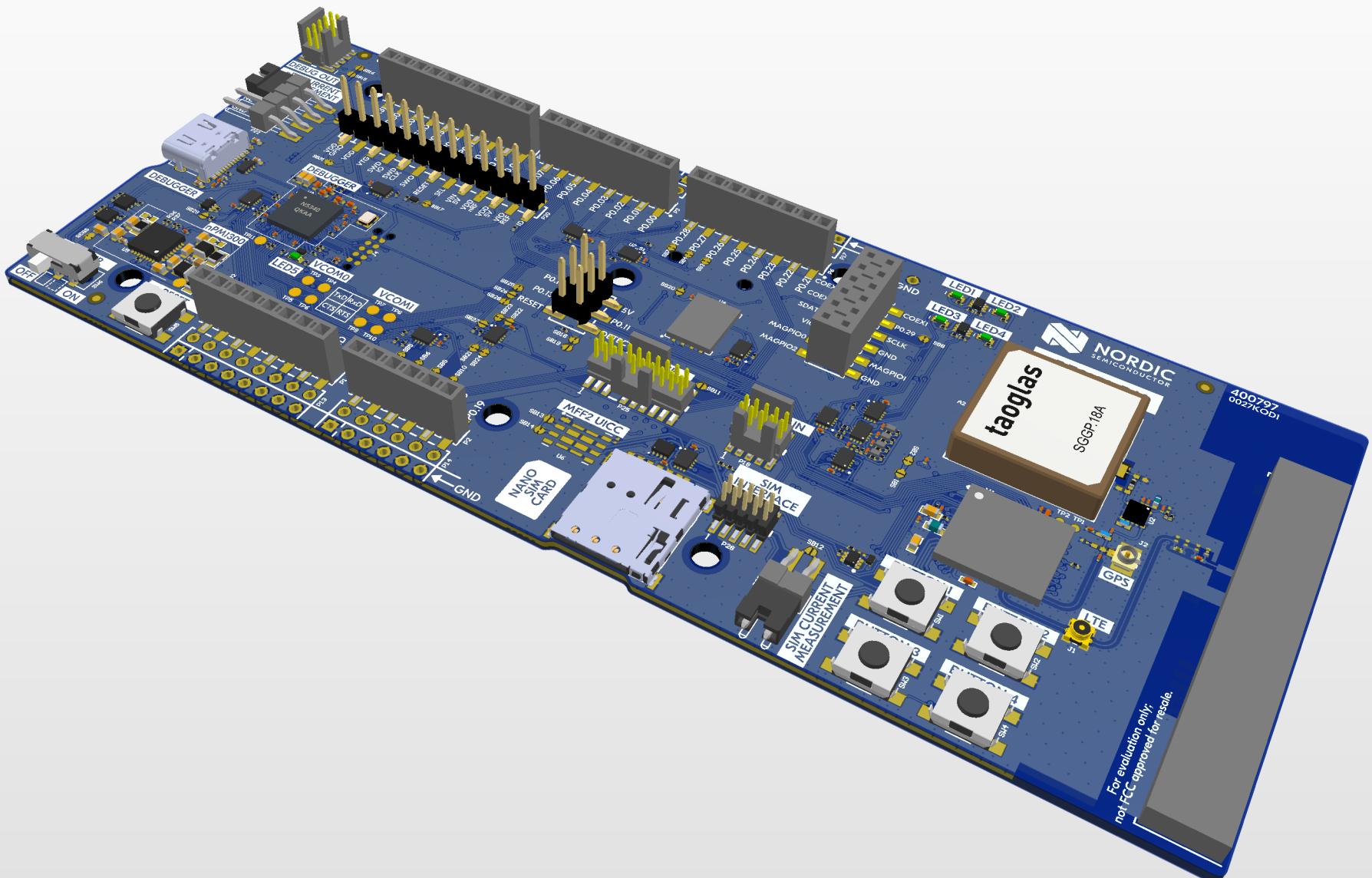
Title nRF9151 Development Kit - Switch NX			 NORDIC SEMICONDUCTOR
Size A3	PCB Assembly Number PCA10171	Revision 1.0.1	
Date 03/05/2024	Sheet 10 of 10	Drawn By KOD1	
File: PCA10171_Switch_NX.SchDoc			
Classification: PUBLIC			

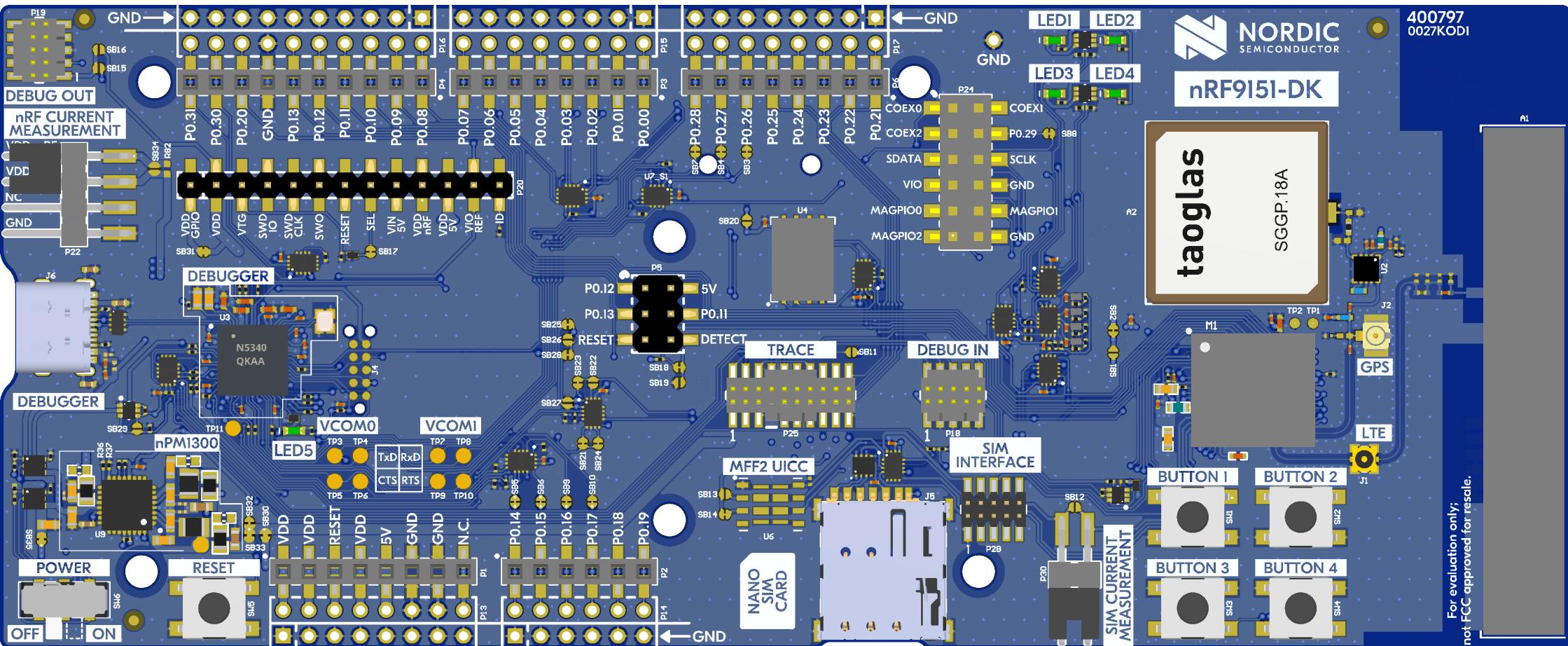












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