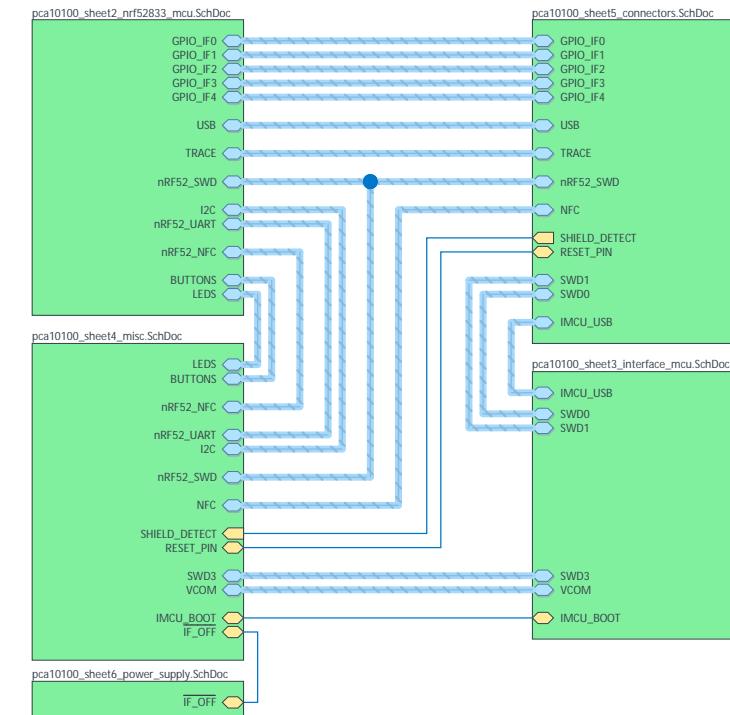


Nordic Semiconductor ASA

nRF52833 Bluetooth Low Energy/ANT/802.15.4/2.4GHz RF Development Board (PCA10100)

Sheet 1:
Sheet 2:
Sheet 3:
Sheet 4:
Sheet 5:
Sheet 6:

Cover
nRF52833 MCU
Interface MCU
Miscellaneous
Connectors
Power Supply



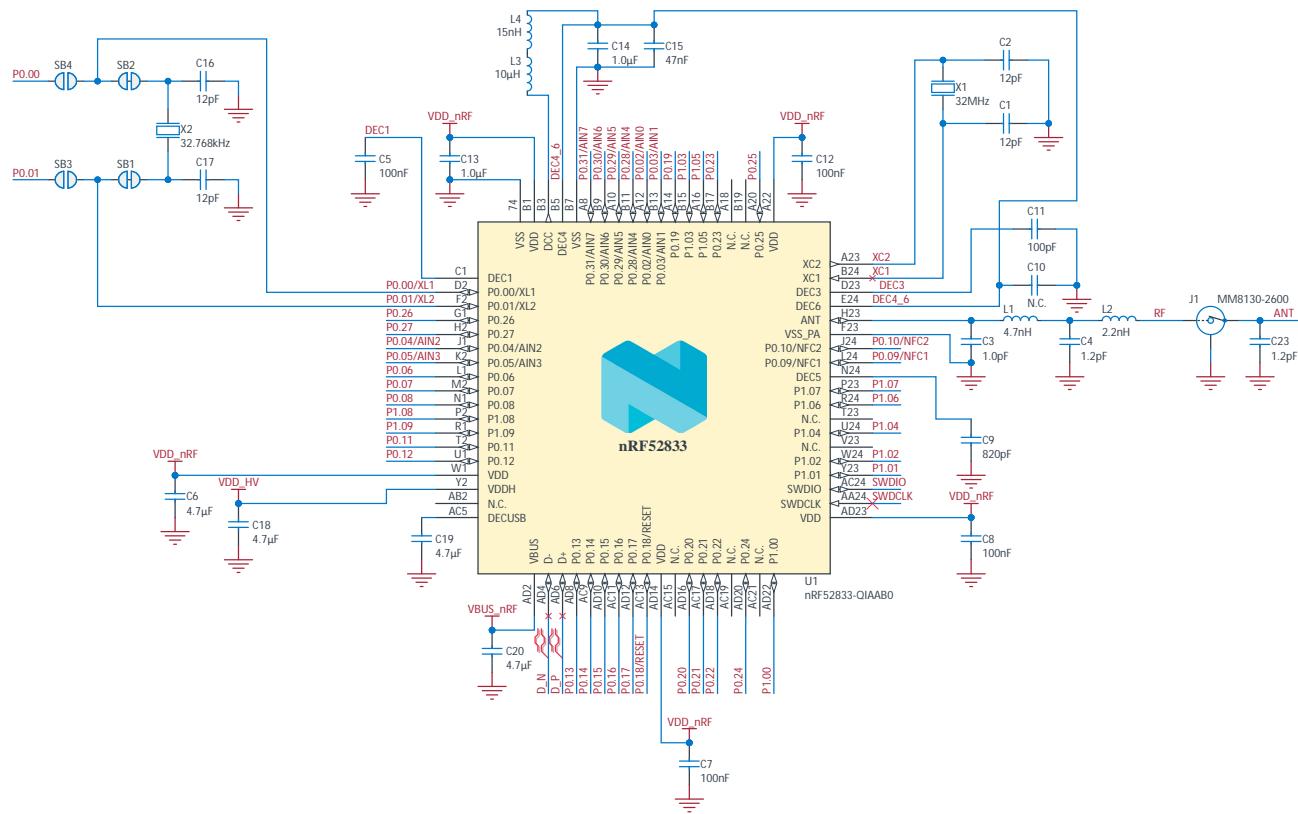
The No ERC object is a design directive.
This directive is placed on a node in the circuit to suppress harmless warnings and/or error violation conditions that are detected when the schematic project is compiled.

+

Title			Revision
nRF52833 Development Board - Cover		PCB Assembly Number	
Size	PCB Assembly Number	Revision	
A3	PCA10100	2.0.0	
Date: 2022.05.27	Sheet 1 of 6		
File: pca10100_sheet1_cover.SchDoc	Drawn By: RUBR/STL1		
Classification: Public			

A

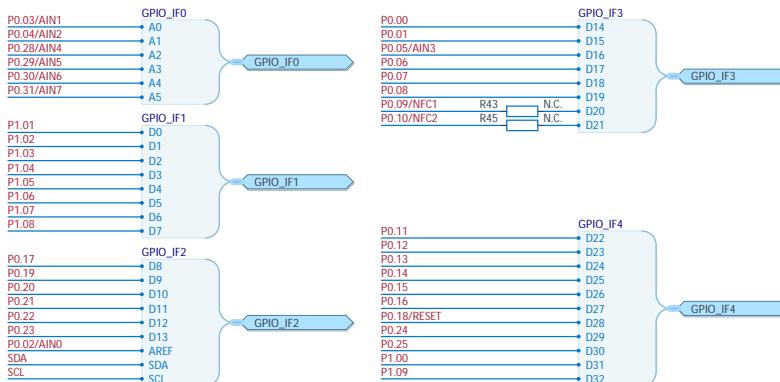
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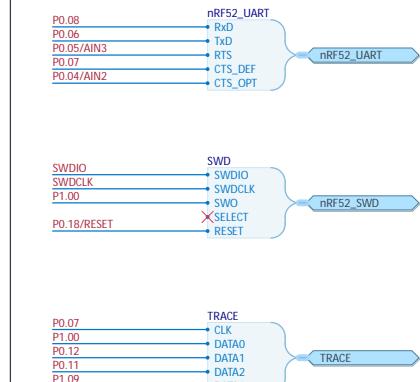
GPIO interface



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Debug interface



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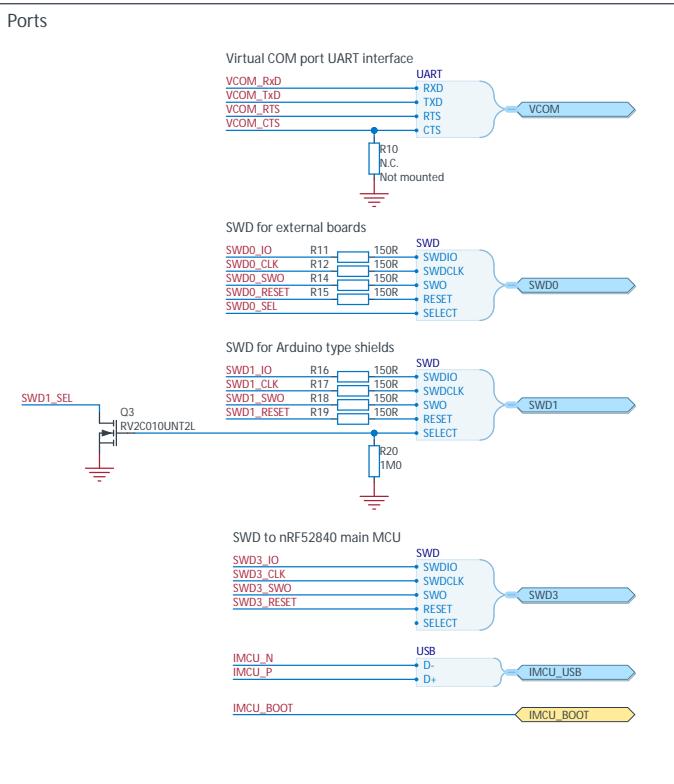
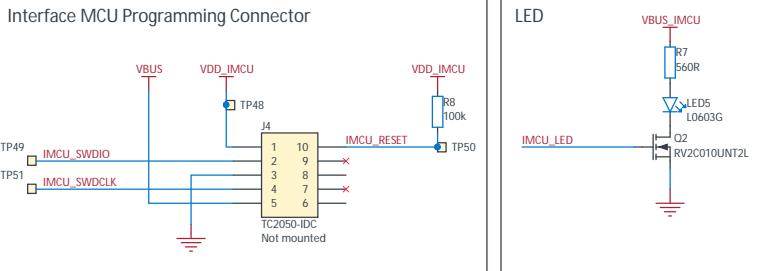
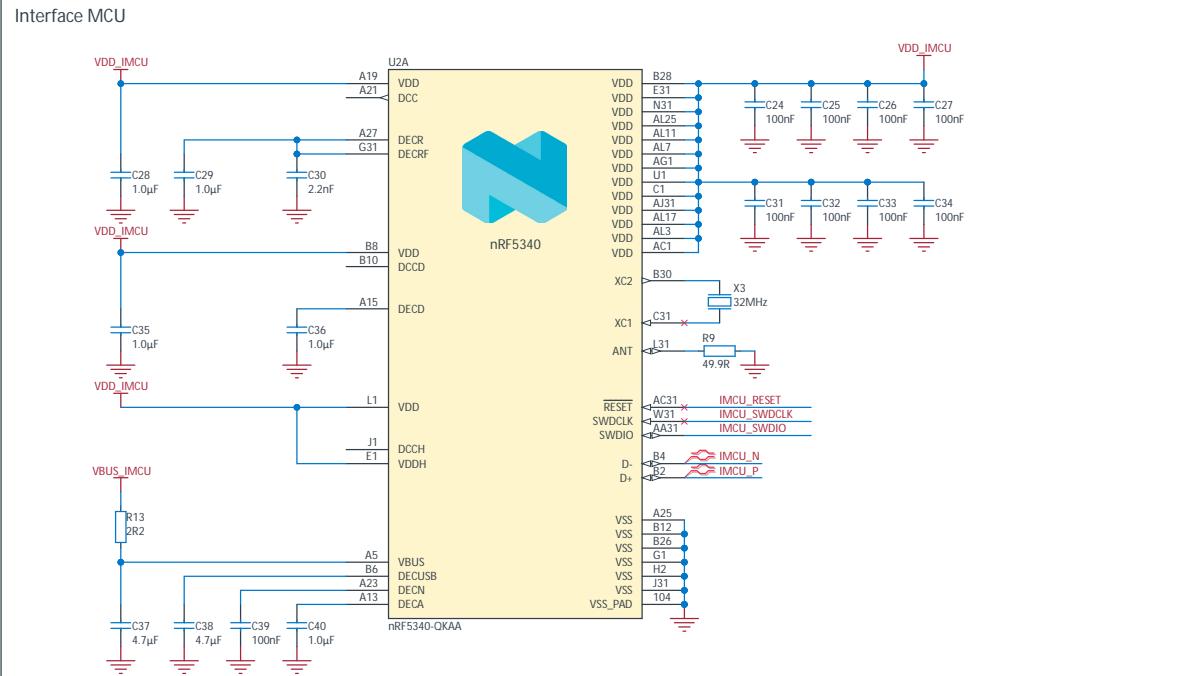
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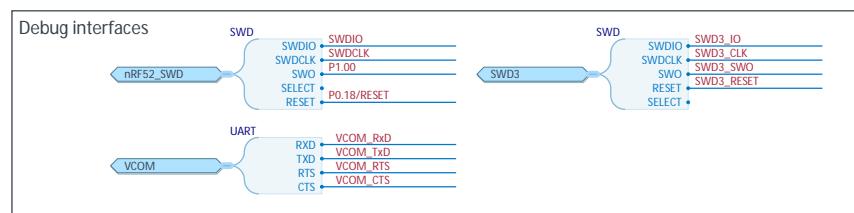
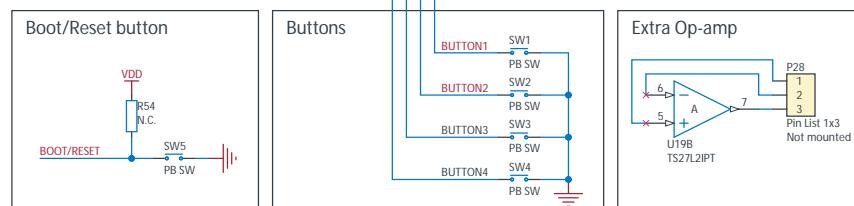
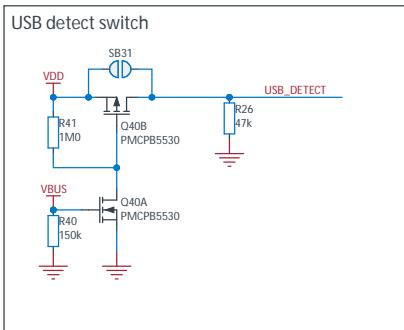
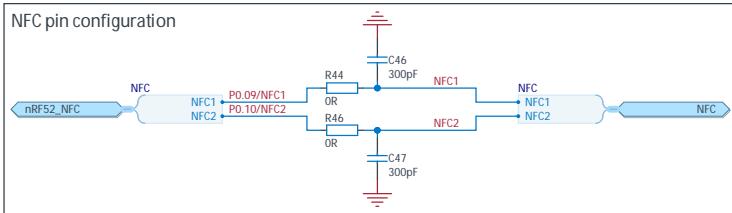
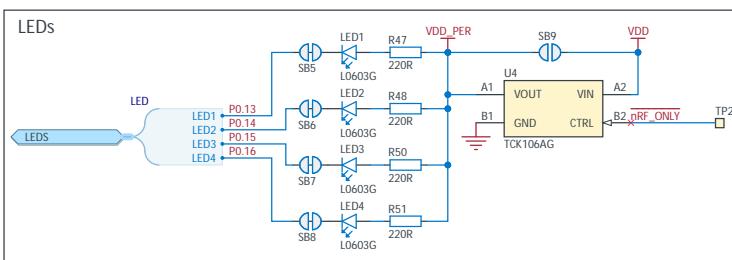
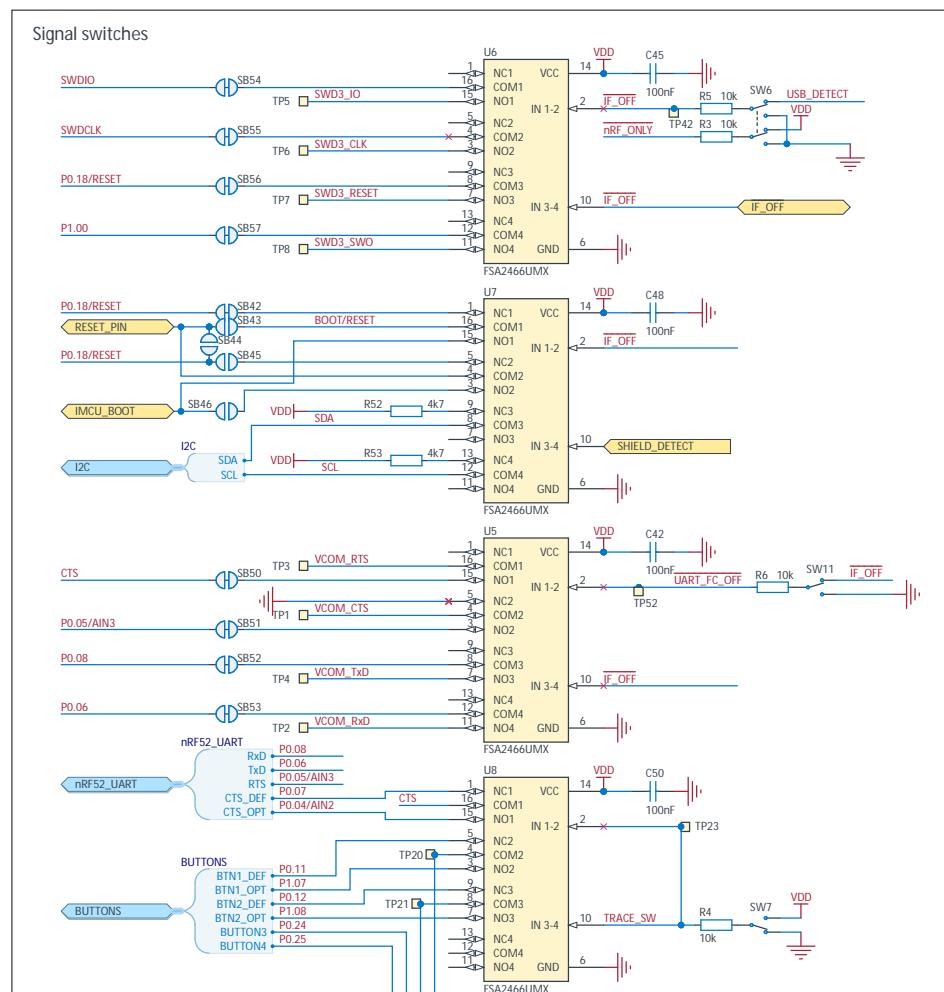
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Title nRF52833 Development Board - nRF52833 MCU			 NORDIC SEMICONDUCTOR
Size A3	PCB Assembly Number PCA10100	Revision 2.0	
Date: 2022-05-27		Sheet 2 of 6	
File: pca10100_sheet2_nrf52833_mcu.SchDoc		Drawn By:	RUBR/STL1
Classification: Public			



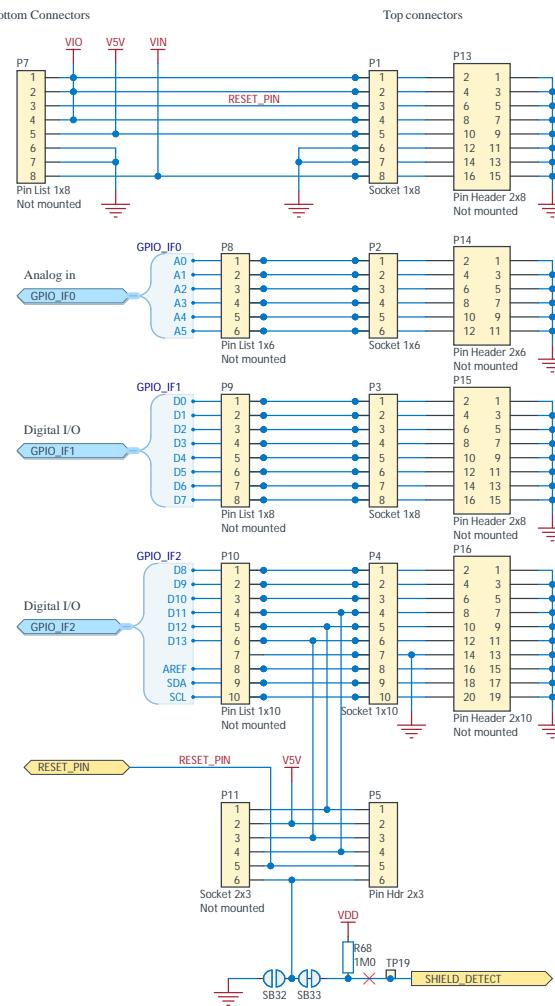


Title
nRF52833 Development Board - Miscellaneous

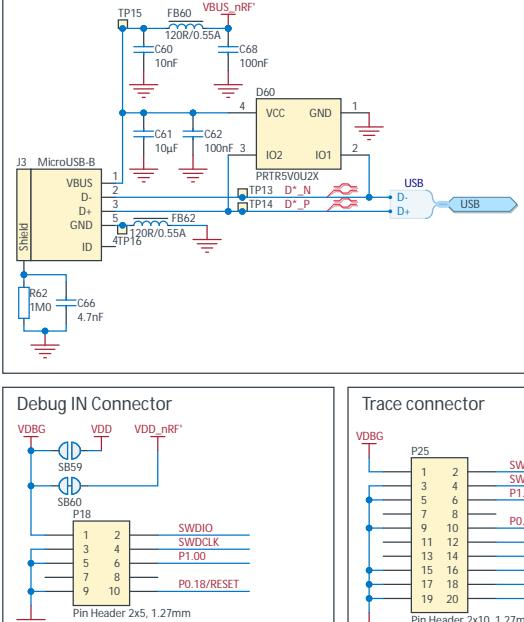
Size	PCB Assembly Number	Revision
A3	PCA10100	2.0.0
Date:	2022.05.27	Sheet 4 of 6
File:	pca10100_sheet4.msc.SchDoc	Drawn By: RUBR/STL1
Classification:	Public	



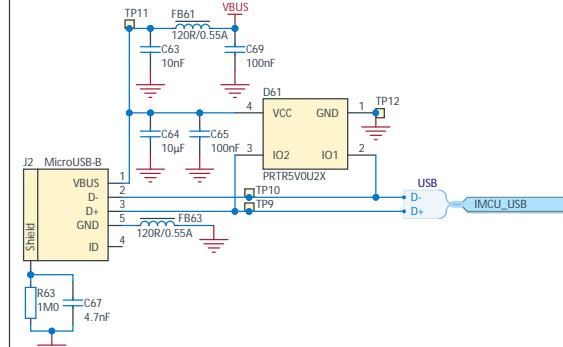
Arduino Interface Connectors



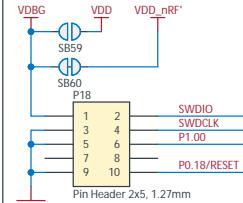
nRF USB Connector



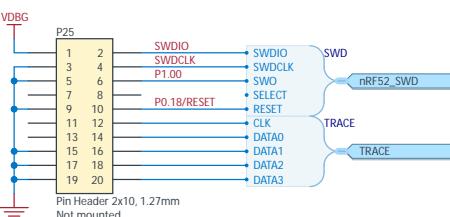
Interface MCU USB Connector



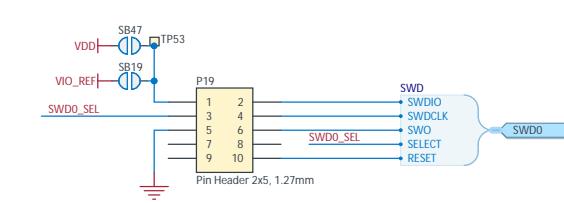
Debug IN Connector



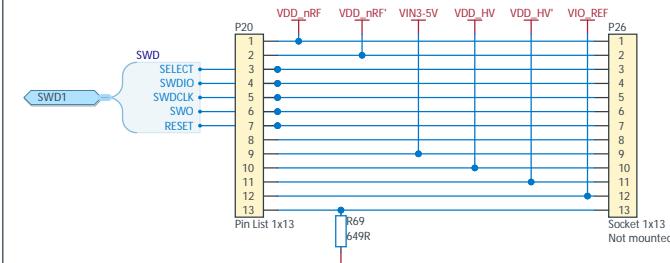
Trace connector



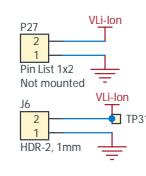
Debug OUT Connector



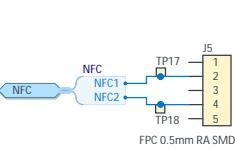
Shield Debug and Current measurement Connector



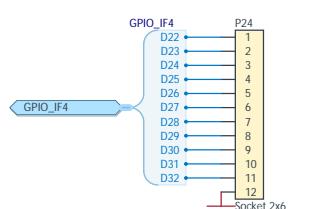
Li-ion connector



NFC Antenna Connector



Auxiliary Connectors



Title
nRF52833 Development Board - Connectors

Size	PCB Assembly Number	Revision
A3	PCA10100	2.0.0
Date:	2022.05.27	
File:	pca10100_sheet5_connectors.SchDoc	Sheet 5 of 6
Classification:	Public	Drawn By: RUBR/STL1



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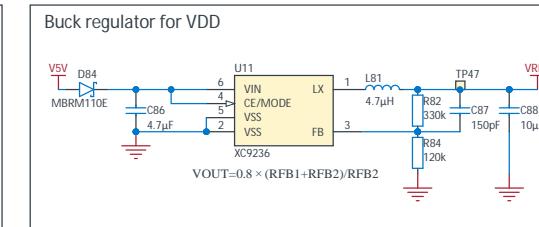
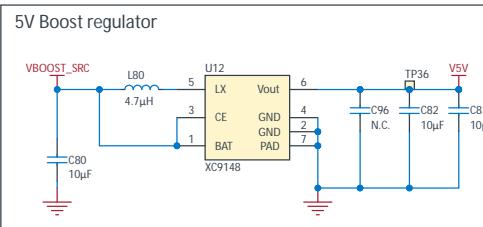
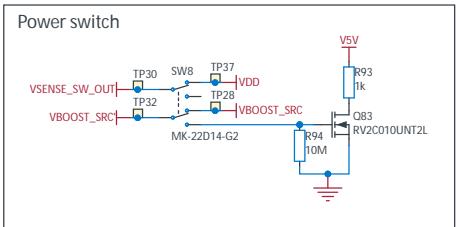
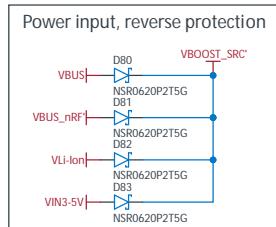
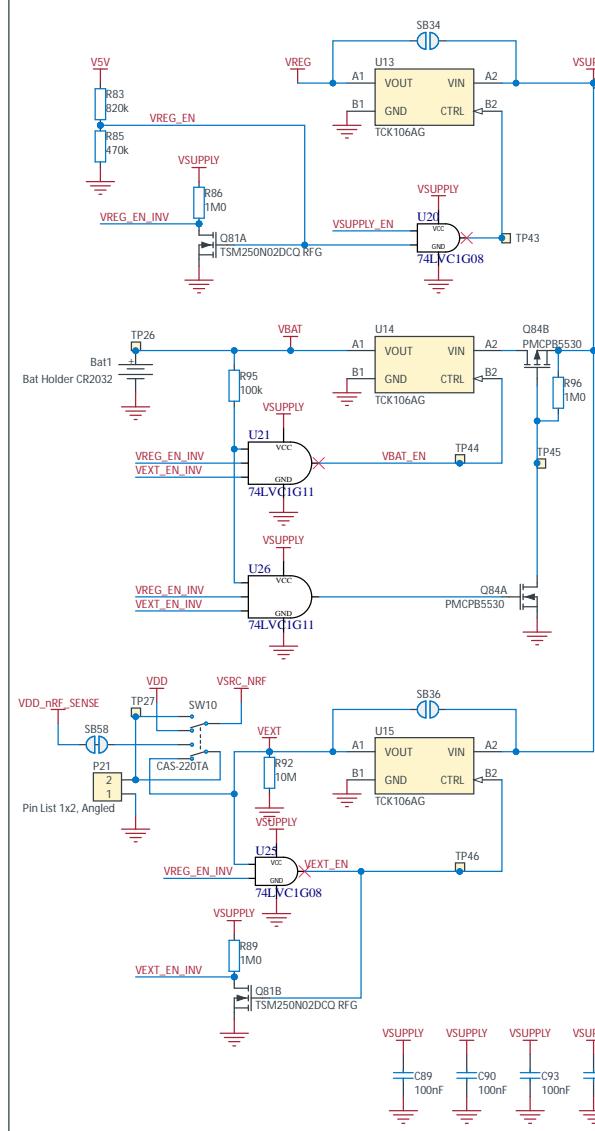
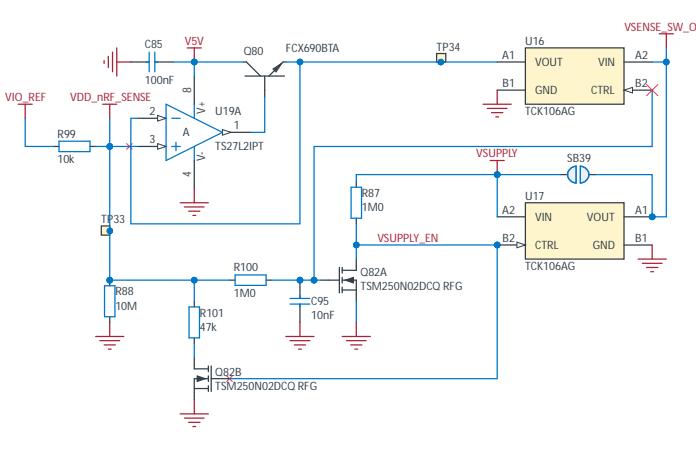
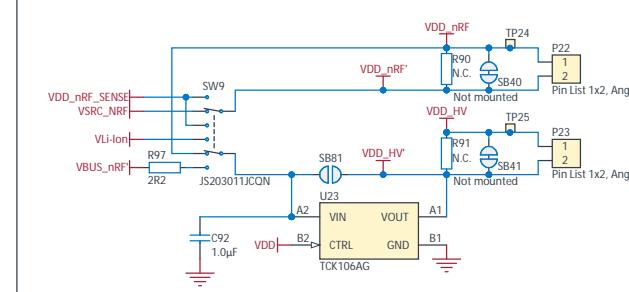
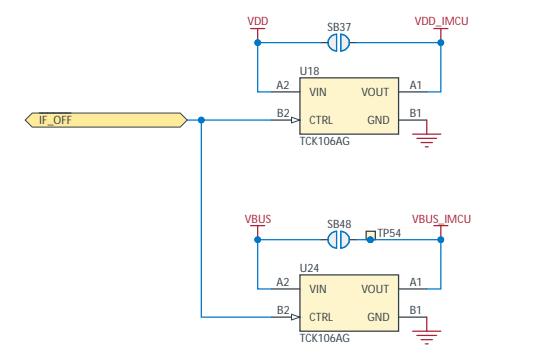
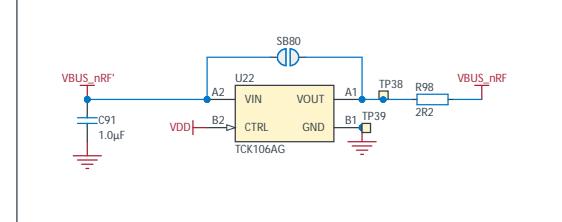
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**Power sources and switches****VDD_nRF sense buffer and switch****nRF power source select and current measurement****Interface MCU power switch****VBUS_nRF switch****Instrument ground**

Size	PCB Assembly Number	Revision
A3	PCA10100	2.0.0
Date:	2022.05.27	
File:	pca10100_sheet6_power_supply.SchDoc	
Classification:	Public	
	Sheet 6 of 6	Drawn By: RUBR/STL1



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not FCCC approved for resale.



nRF52833-DK

