

# Nordic Semiconductor ASA

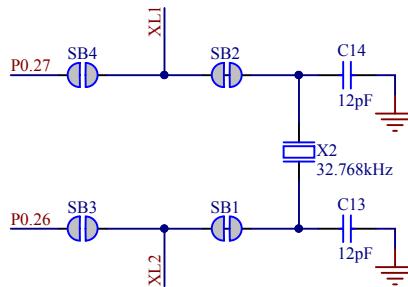
## nRF51 Bluetooth Smart/ANT/2.4GHz RF Development Board (PCA10028)

- Sheet 1: nRF Radio
- Sheet 2: Interface MCU
- Sheet 3: Buttons and LEDs
- Sheet 4: Connectors
- Sheet 5: Power Supply

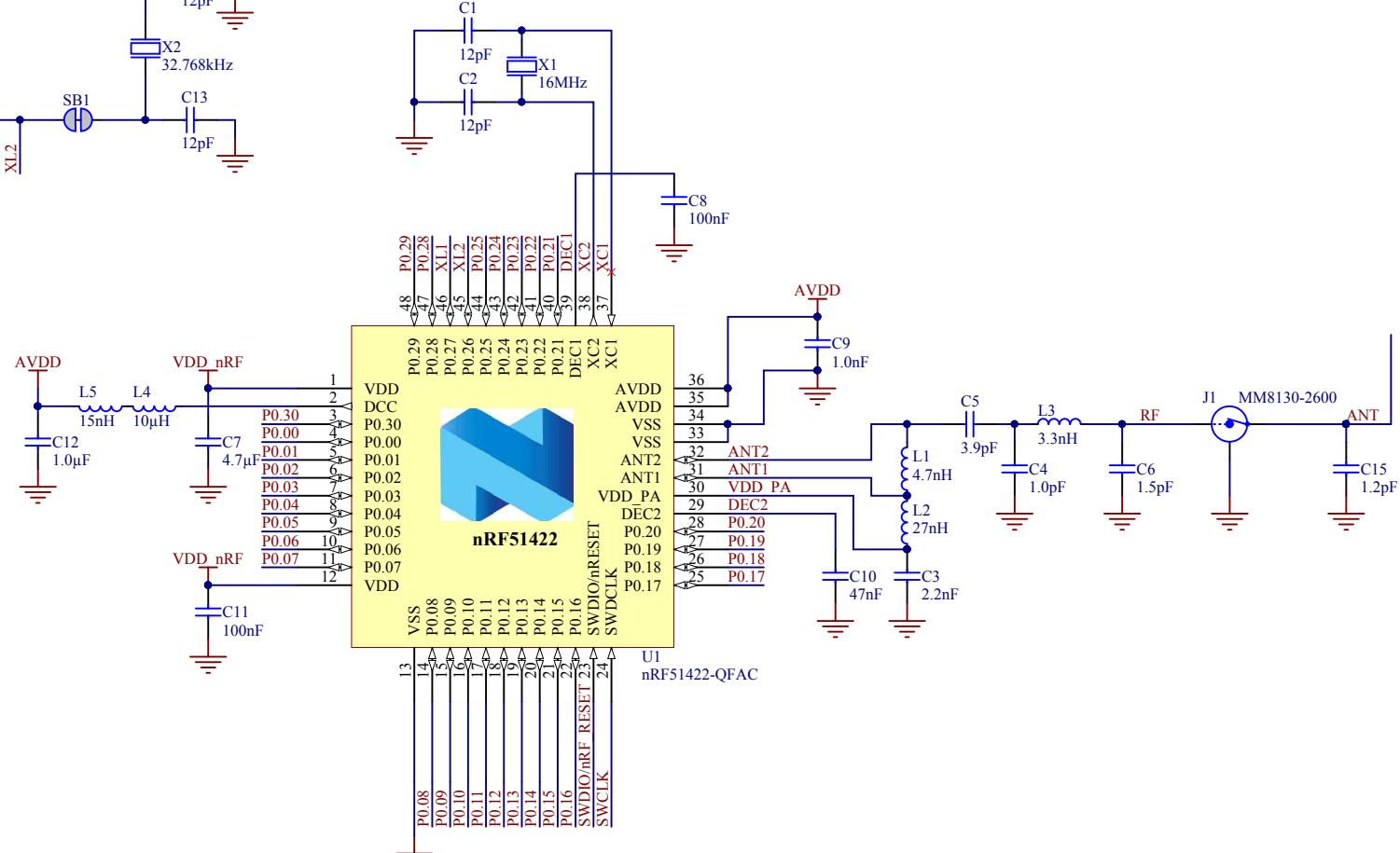
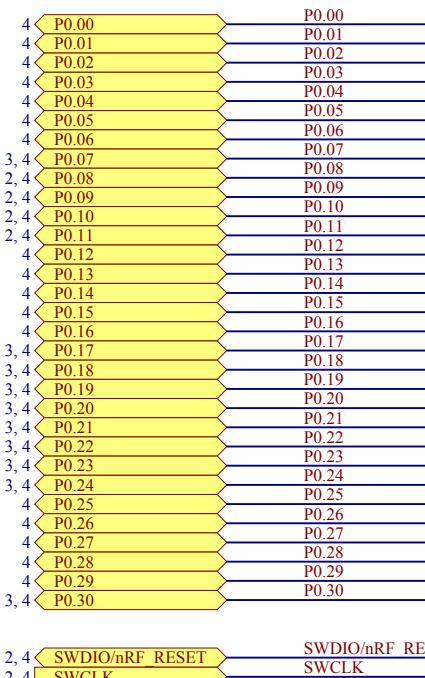


Title PCA10028 - Cover			D NORDIC SEMICONDUCTOR	
Size A4	Project Number 4403	Revision 1.2.0		
Date: 10/23/2015	Sheet 0 of 5			
File: pca10028_cover.SchDoc	Drawn By: RUBR			

A



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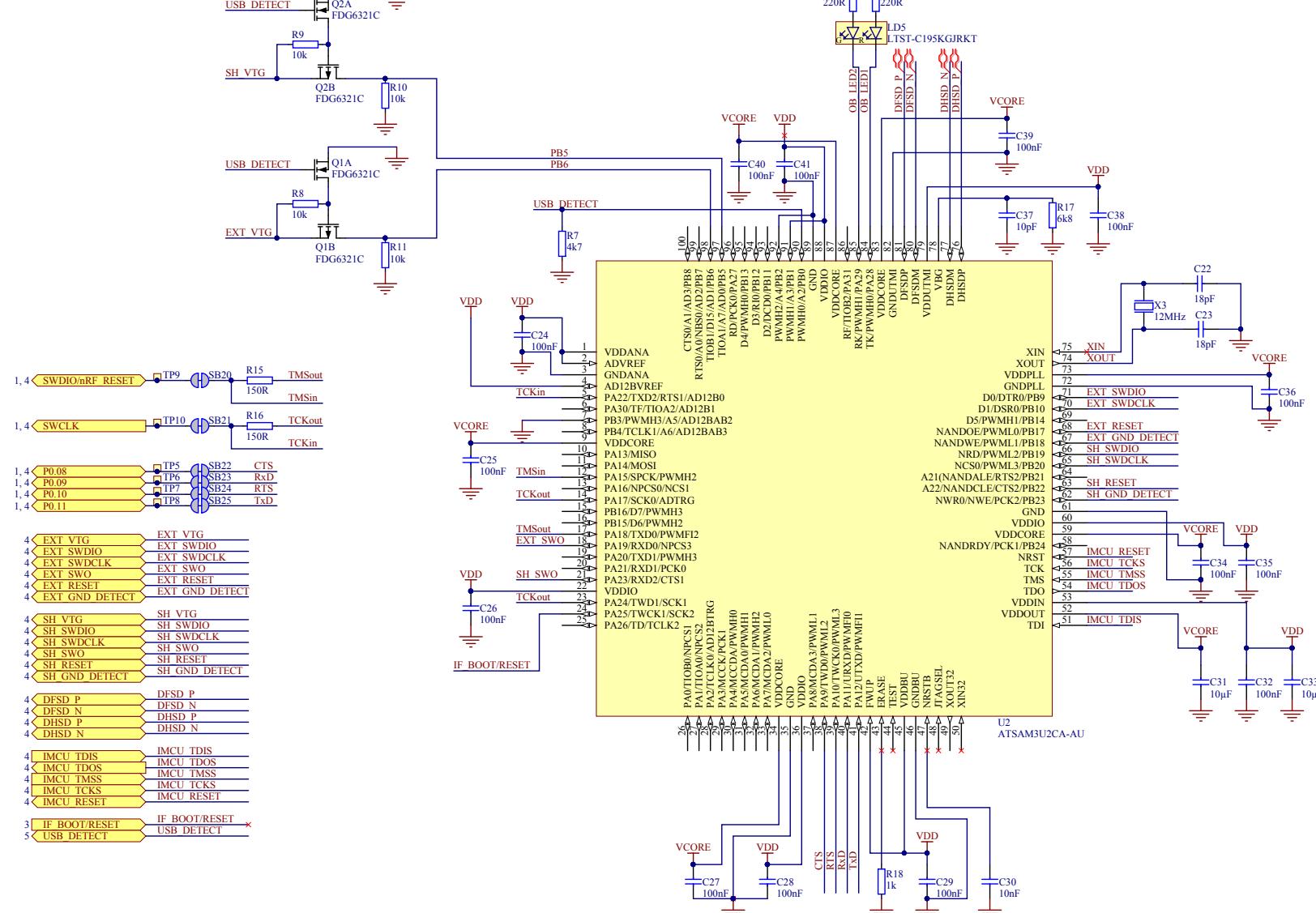


Title  
PCA100028 - Radio

Size A4	Project Number 4403	Revision 1.2.0
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Date: 11/2/2015	Sheet 1 of 5
File: pca100028_radio.SchDoc	Drawn By: RUBR





PCA10028 - Interface MCU

Size	Project Number
A3	4403
Date:	11/2/2015
File:	pca10028_interface_mcu.SchDoc



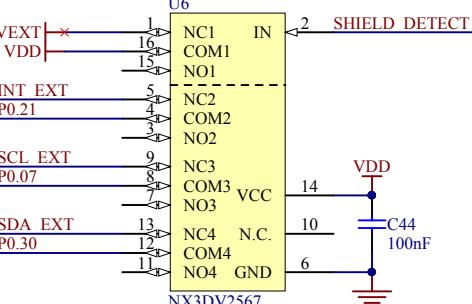
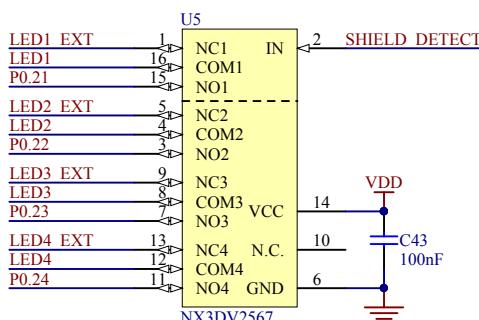
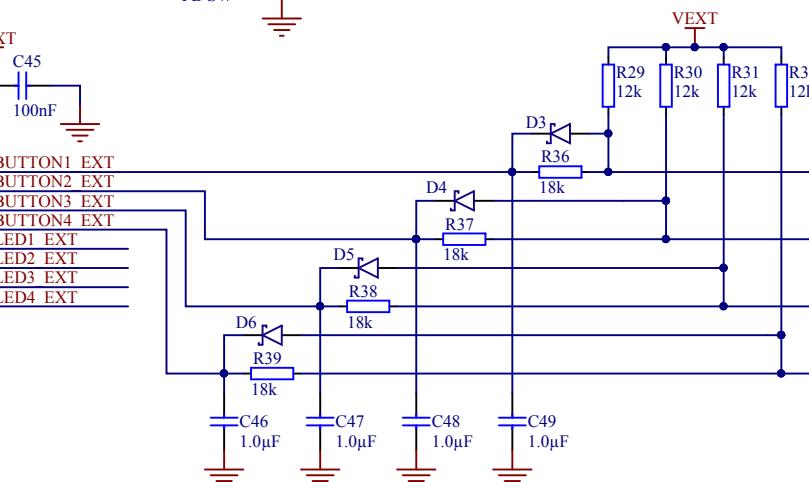
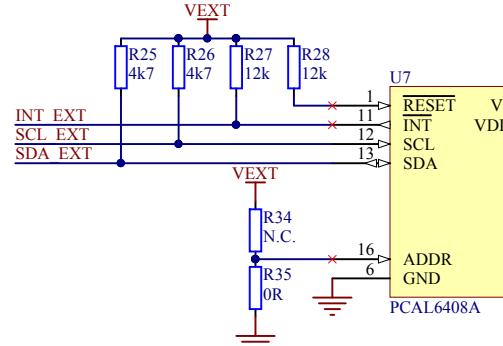
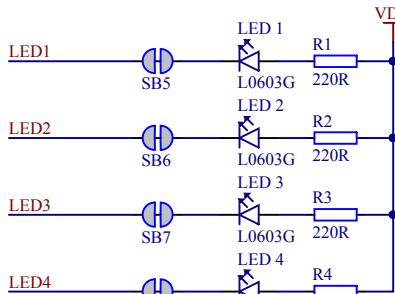
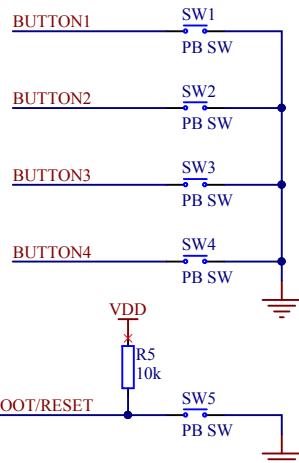
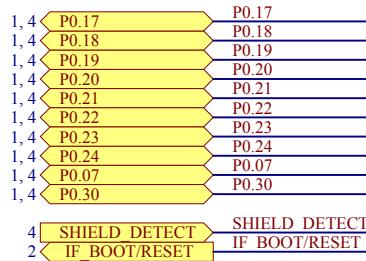
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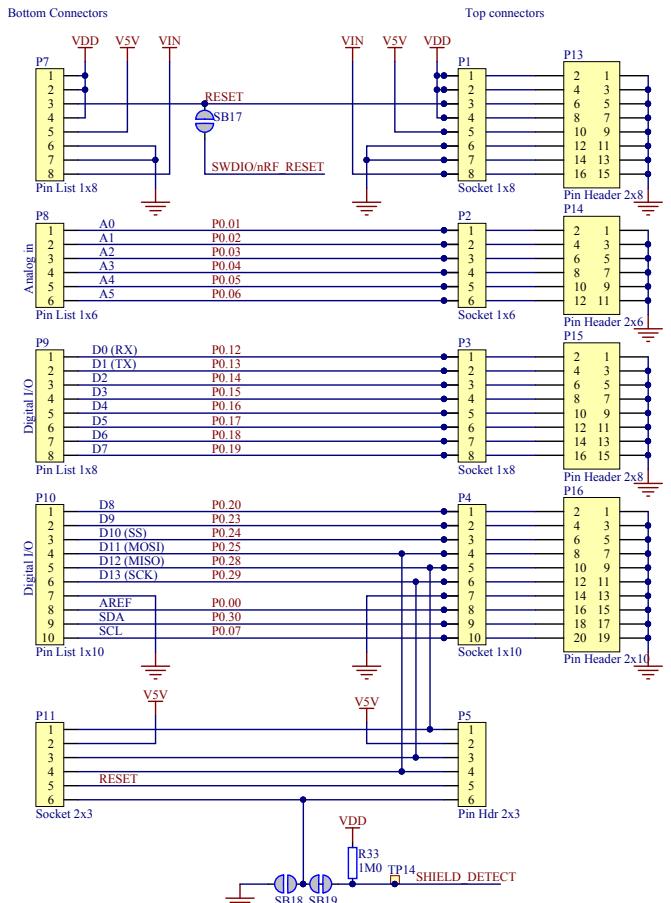


Title  
PCA10028 - Buttons and LEDs

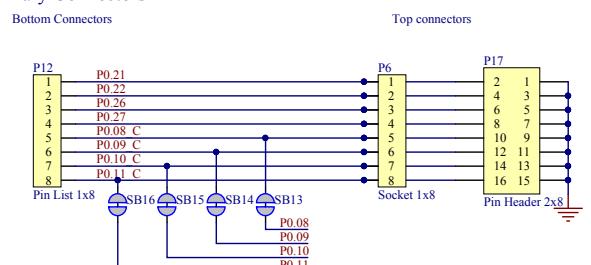
Size	Project Number	Revision
A4	4403	1.2.0
Date: 11/2/2015		Sheet 3 of 5
File: pca10028_buttons_and_leds.SchDoc		Drawn By: RUBR



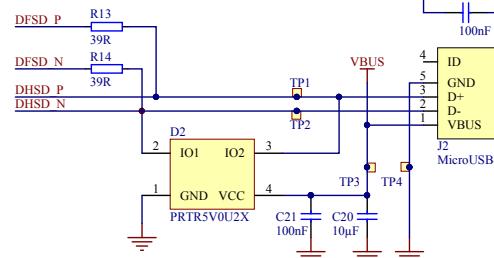
## Arduino Interface Connectors



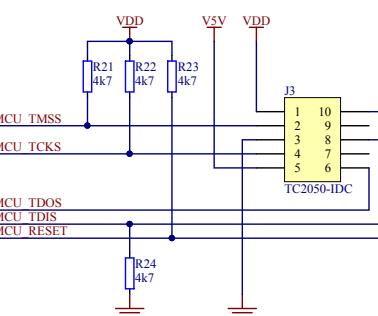
## Auxiliary Connectors



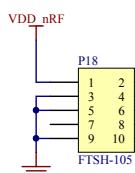
## USB Connector



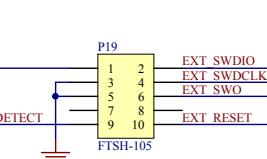
J-Link Prog Connector



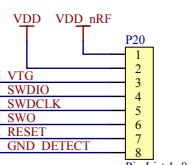
## Debug IN Connector



## Debug OUT Connector



Shield Debug and Current measurement Connector



BCA10028 Connectors

**PCA10028 - Connectors**

Size <b>A4</b>	Project Number <b>4403</b>	Revision <b>1.2.0</b>	 <b>NORDIC SEMICONDUCTOR</b>
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Date: **11/2/2015** Sheet **4** of **5**  
 File: **pea10028\_connectors.SchDoc** Drawn By: **RUBR**

A

A

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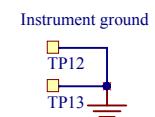
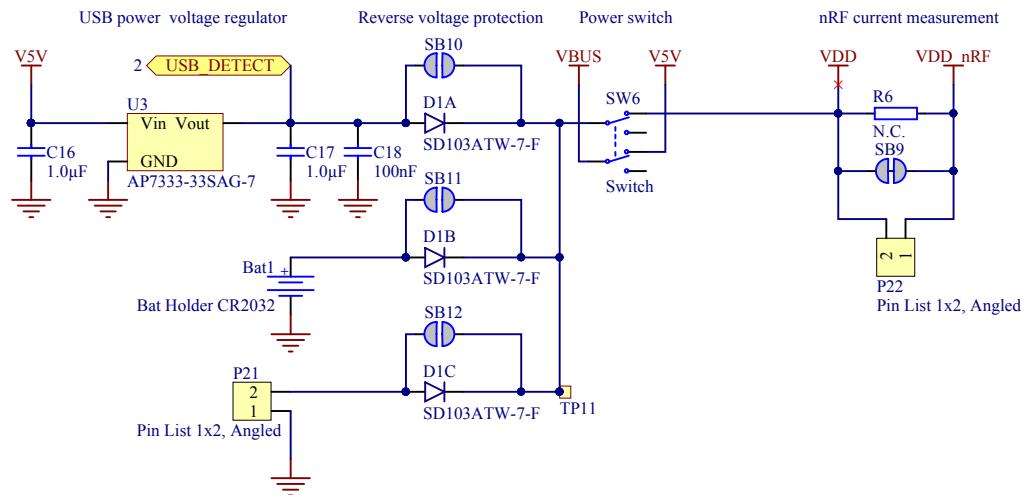
B

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D



Title  
**PCA10028 - Power Supply**

Size <b>A4</b>	Project Number <b>4403</b>	Revision <b>1.2.0</b>	<b>NORDIC</b> SEMICONDUCTOR
Date: 11/2/2015		Sheet 5 of 5	
File: pca10028_power_supply.SchDoc			Drawn By: RUBR

