


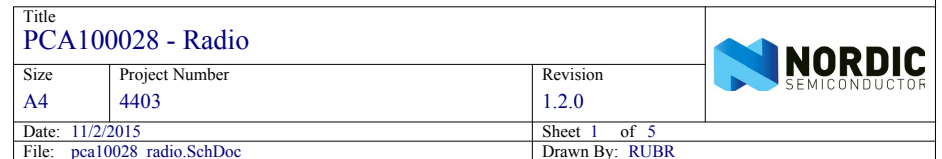
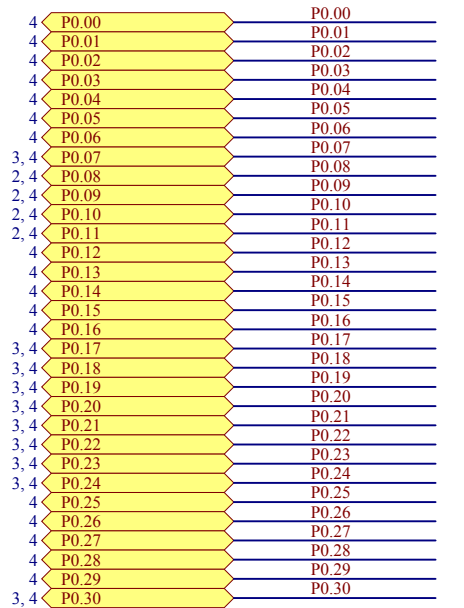
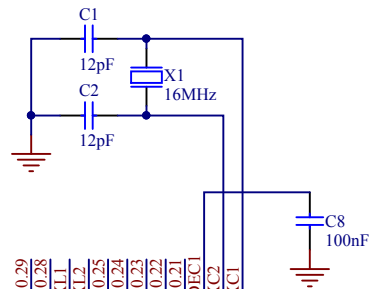
# Nordic Semiconductor ASA

## 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		
Size A4	Project Number 4403	
Date: 10/23/2015		Revision 1.2.0
File: pca10028_cover.SchDoc		Sheet 0 of 5
		Drawn By: RUBR



A

B

C

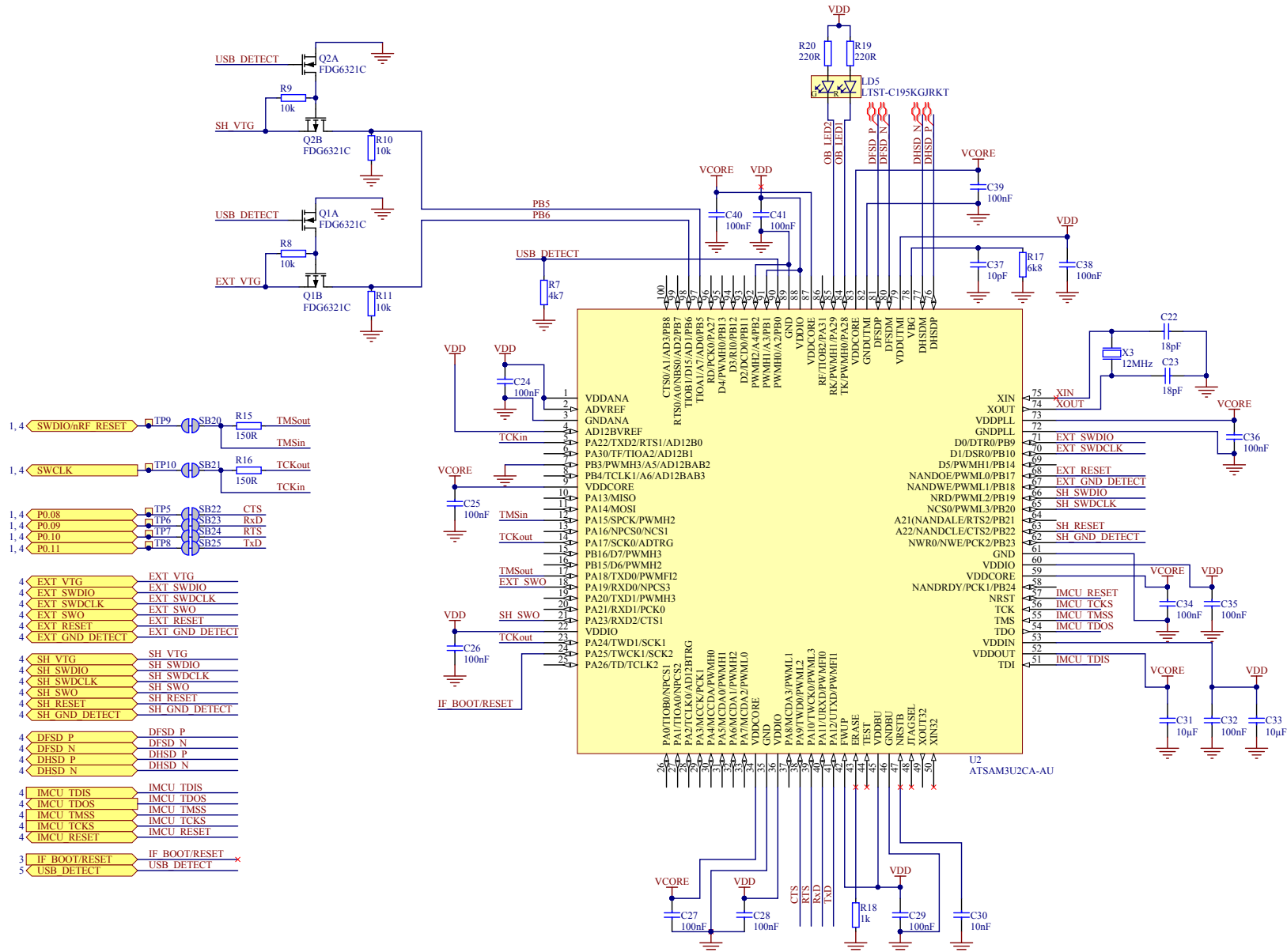
D

A

B

C

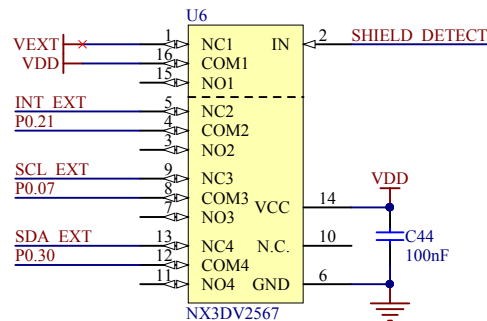
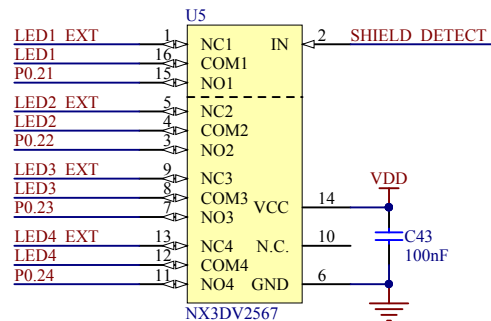
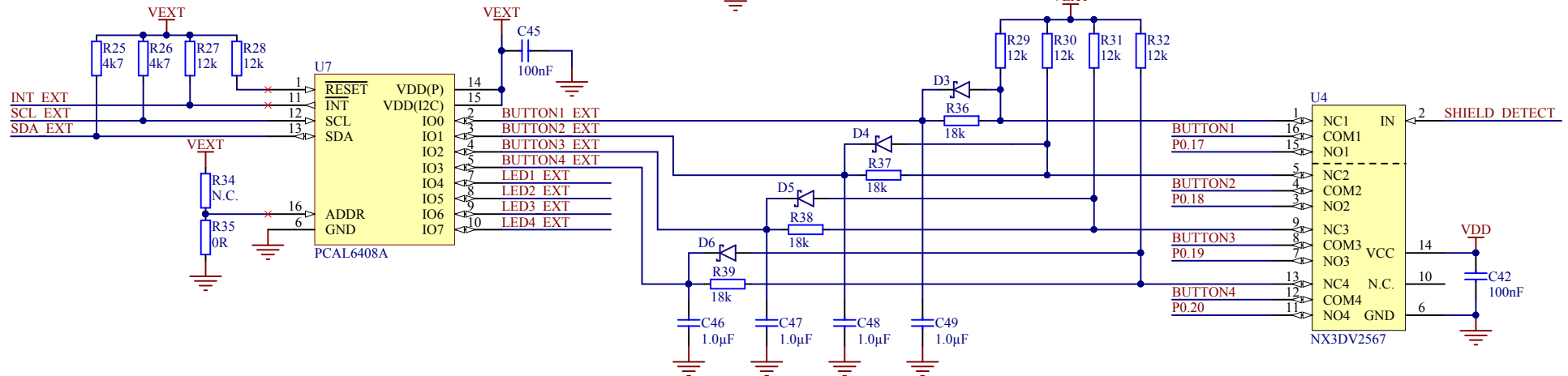
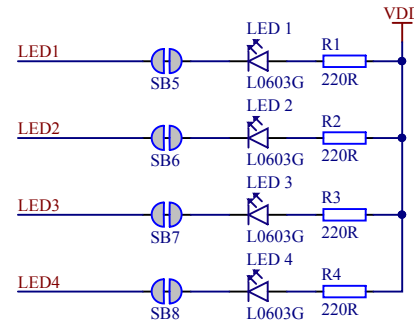
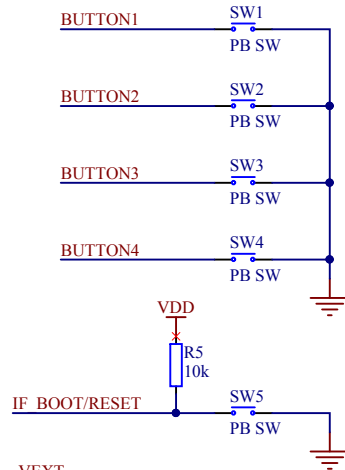
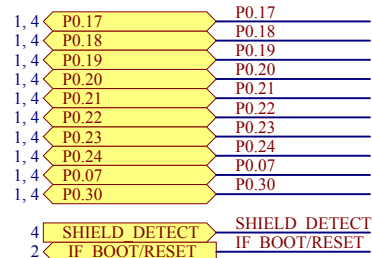
D



# PCA10028 - Interface MCU

Size	Project Number	Revision
A3	4403	1.2.0
Date: 11/2/2015	Sheet 2 of 5	
File: pca10028_interface_mcu.SchDoc	Drawn By: RUBR	





# PCA10028 - Buttons and LEDs

Size A4  
Project Number 4403

Revision 1.2.0

Date: 11/2/2015  
File: pca10028\_buttons\_and\_leds.SchDoc

Sheet 3 of 5  
Drawn By: RUBR



## A




## D

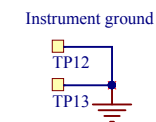
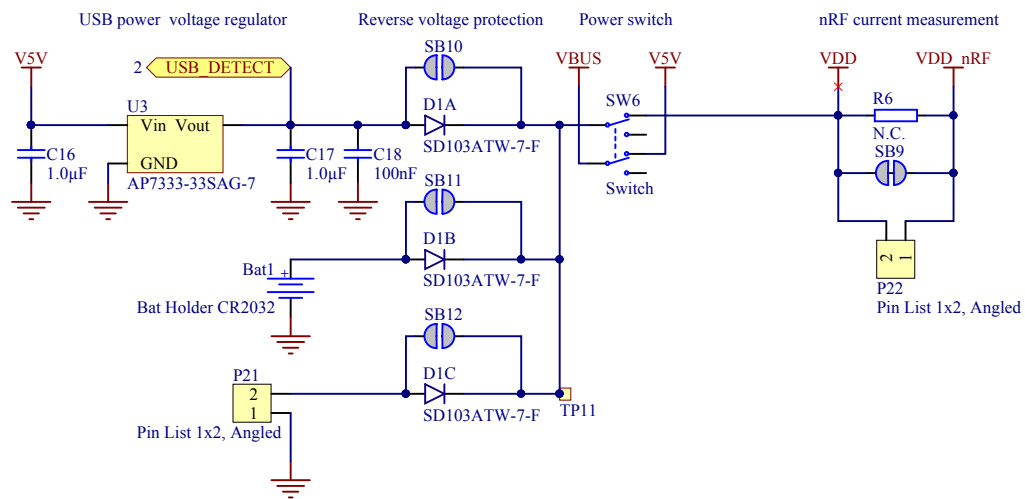



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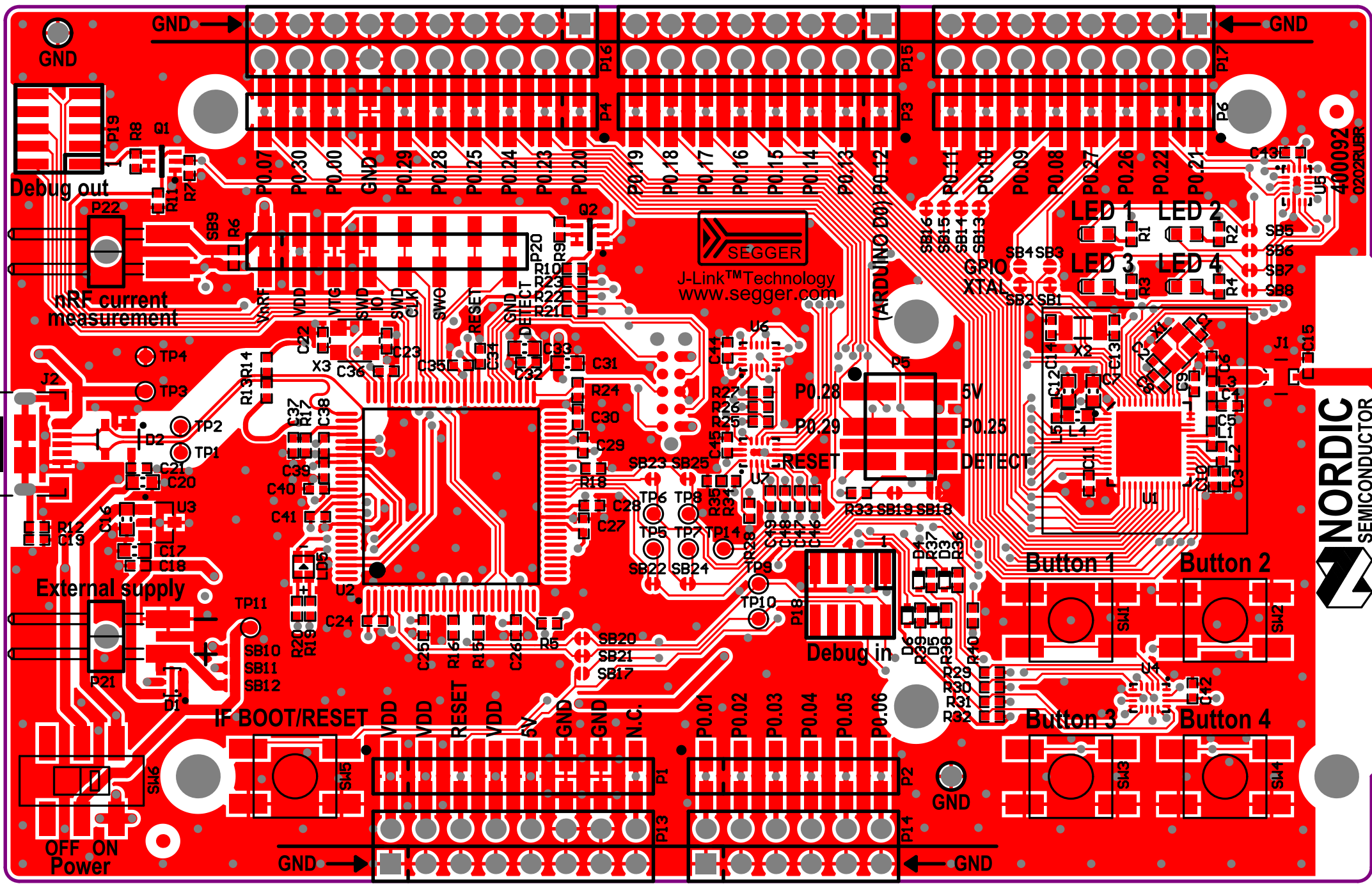


Size <b>A4</b>	Project Number <b>4403</b>	Revision <b>1.2.0</b>	
Date: 11/2/2015		Sheet 4 of 5	
File: <a href="#">pca10028_connectors.SchDoc</a>		Drawn By: RUBR	



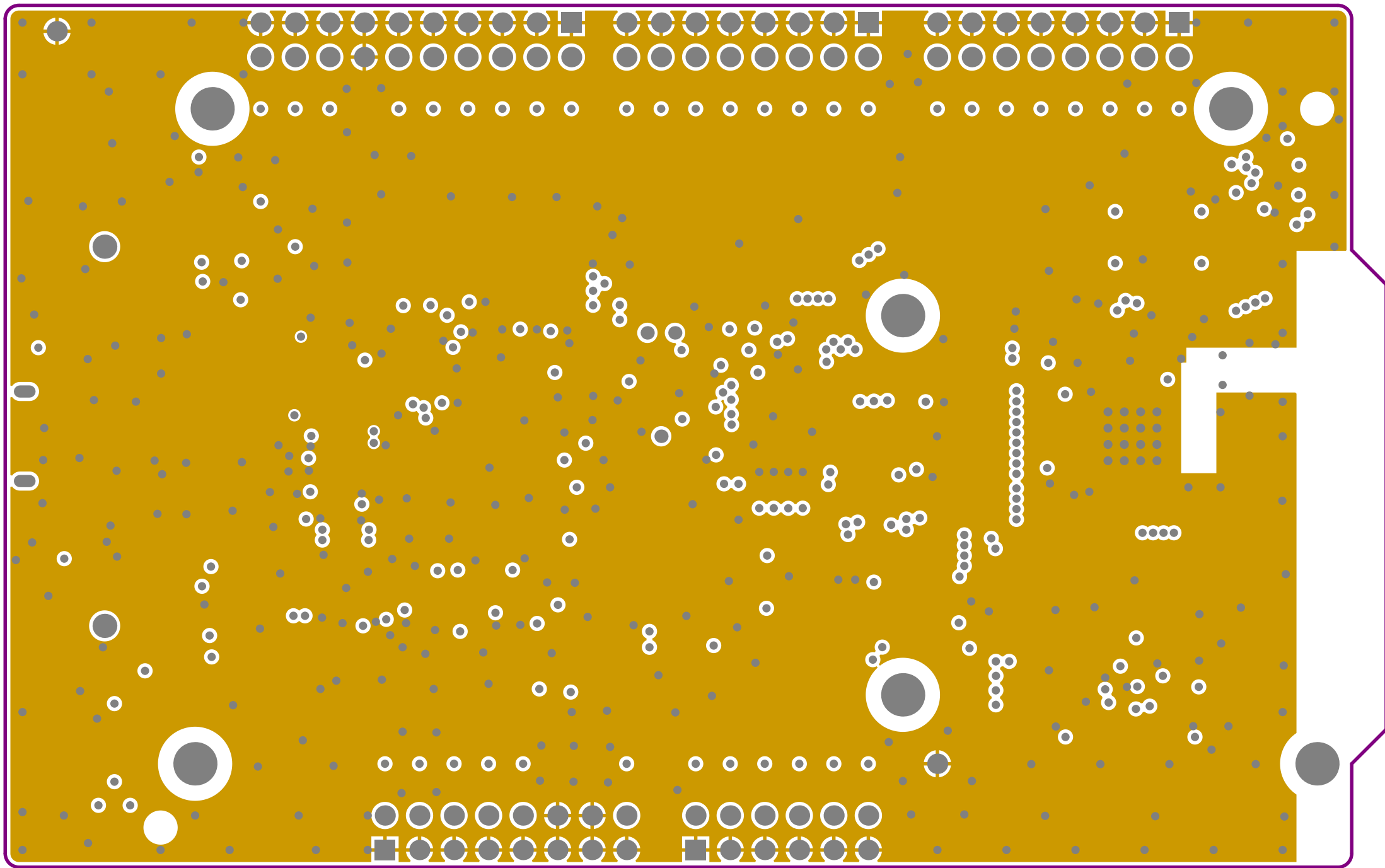


Title PCA10028 - Power Supply			
Size A4	Project Number 4403	Revision 1.2.0	
Date: 11/2/2015			Sheet 5 of 5
File: pca10028_power_supply.SchDoc			Drawn By: RUBR

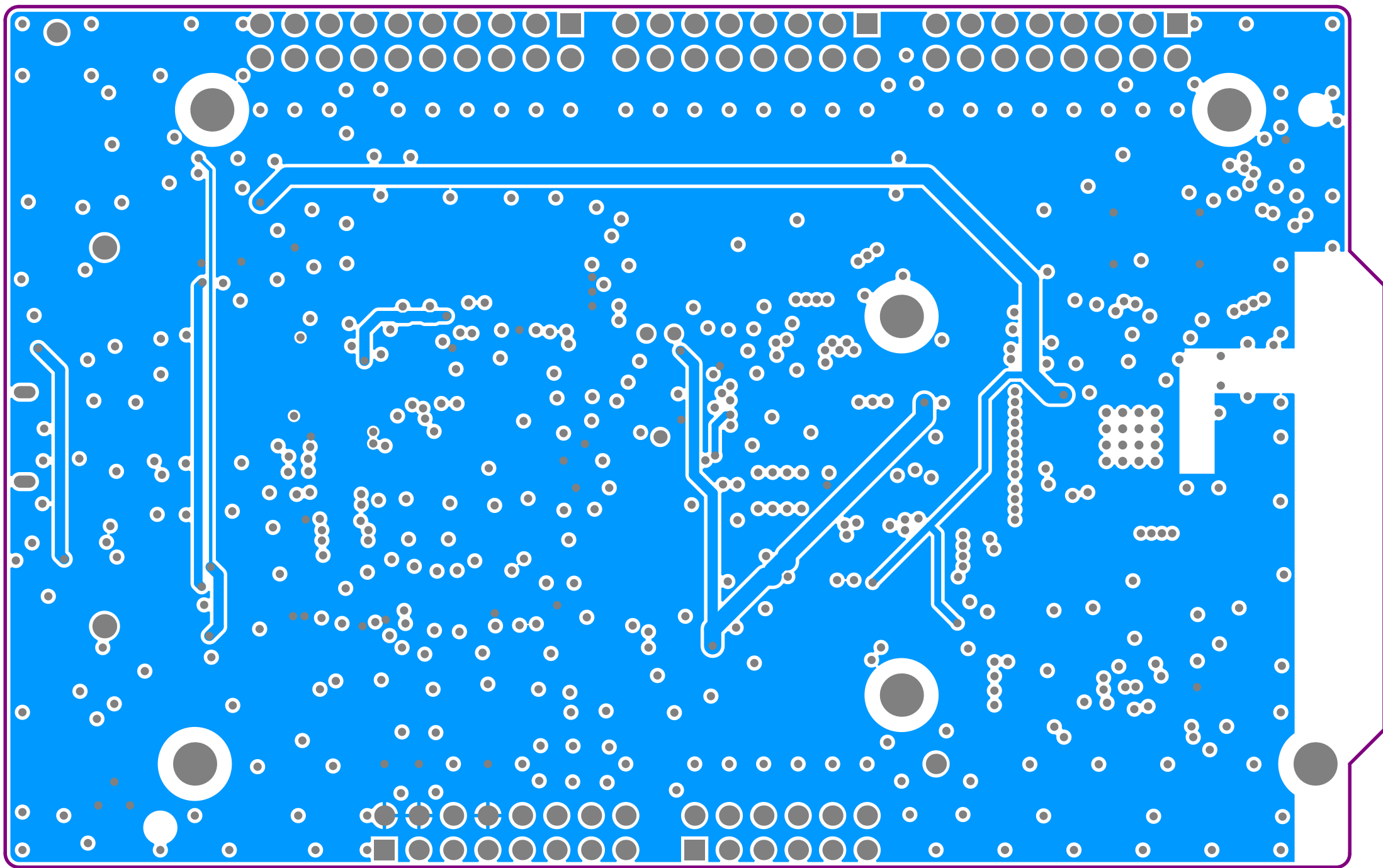


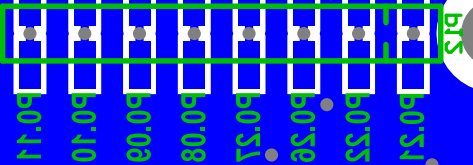
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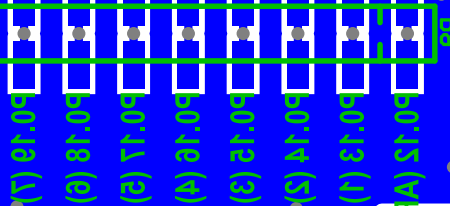




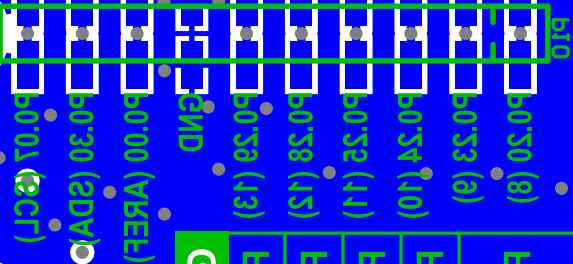


GPIO	Function	Short	HW	I/O EXPANDER
P0.54	FED4	2B8		
P0.53	FED3	2B7		
P0.55	FED5	2B6		
P0.51	FED1	2B2		
P0.50	EMF004			
P0.49	EMF003			
P0.18	EMF002			
P0.17	EMF001			

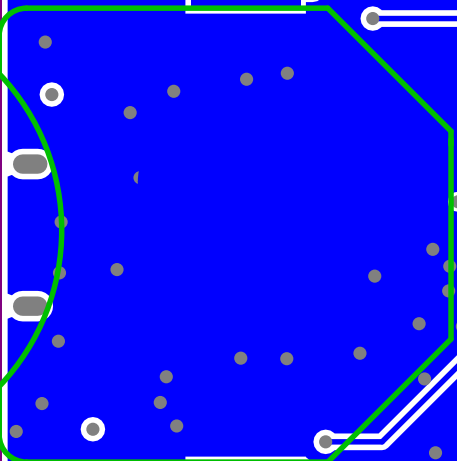
GPIO	Function	Short	HW
P0.15	ARDUINO D0		
P0.13			
P0.14			
P0.12			
P0.16			
P0.11			



P0.51	XCL	2B4		
P0.50	XCL	2B5		
P0.54	XCL	2B3		
P0.11	RXD	2B10/52		
P0.10	C12	2B12/54		
P0.00	LXD	2B14/53		
P0.08	FE2	2B13/55		



GPIO	Function	Short	HW
P0.00	AREF		
P0.10	SDA		
P0.01	GCT		



ARM

