

Nordic Semiconductor ASA

Direction Finding Antenna Board (PCA20054)

Sheet 1:	Cover Page
Sheet 2:	Block Diagram
Sheet 3:	Antenna Switches
Sheet 4:	Power and Control
Sheet 5:	Connectors

DESIGN NOTES LEGEND

DESIGN NOTE:
Informational notes are Text Frames
with a grey medium frame.
Use 20 mil Text Margin.

DESIGN NOTE:
Cautionary notes are Text Frames
with a yellow medium frame.
Use 20 mil Text Margin.

DESIGN NOTE:
Debug notes are Text Frames
with an orange medium frame.
Use 20 mil Text Margin.

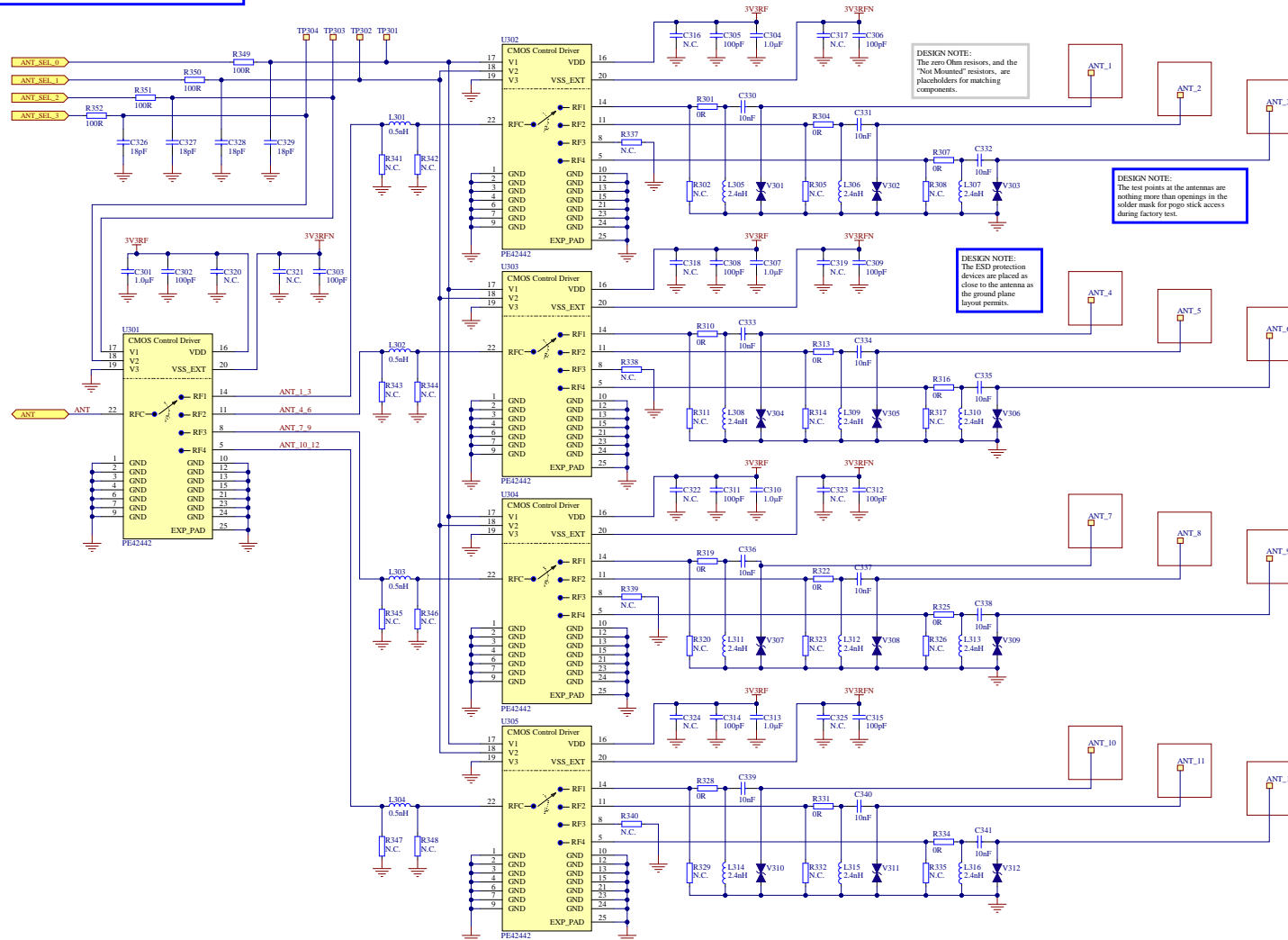
DESIGN NOTE:
Critical notes are Text Frames
with a red large frame.
Use 10 mil Text Margin.

DESIGN NOTE:
Critical layout notes are Text Frames
with a blue medium frame.
Use 20 mil Text Margin.



PCA20054 - Cover					
Size	Project Number	Revision			
A3	4467	1.0.0			
Date:	2020-02-19	Sheet 1 of 5			
File:	pca20054_sheet1_cover.SchDoc	Drawn By: KJP			

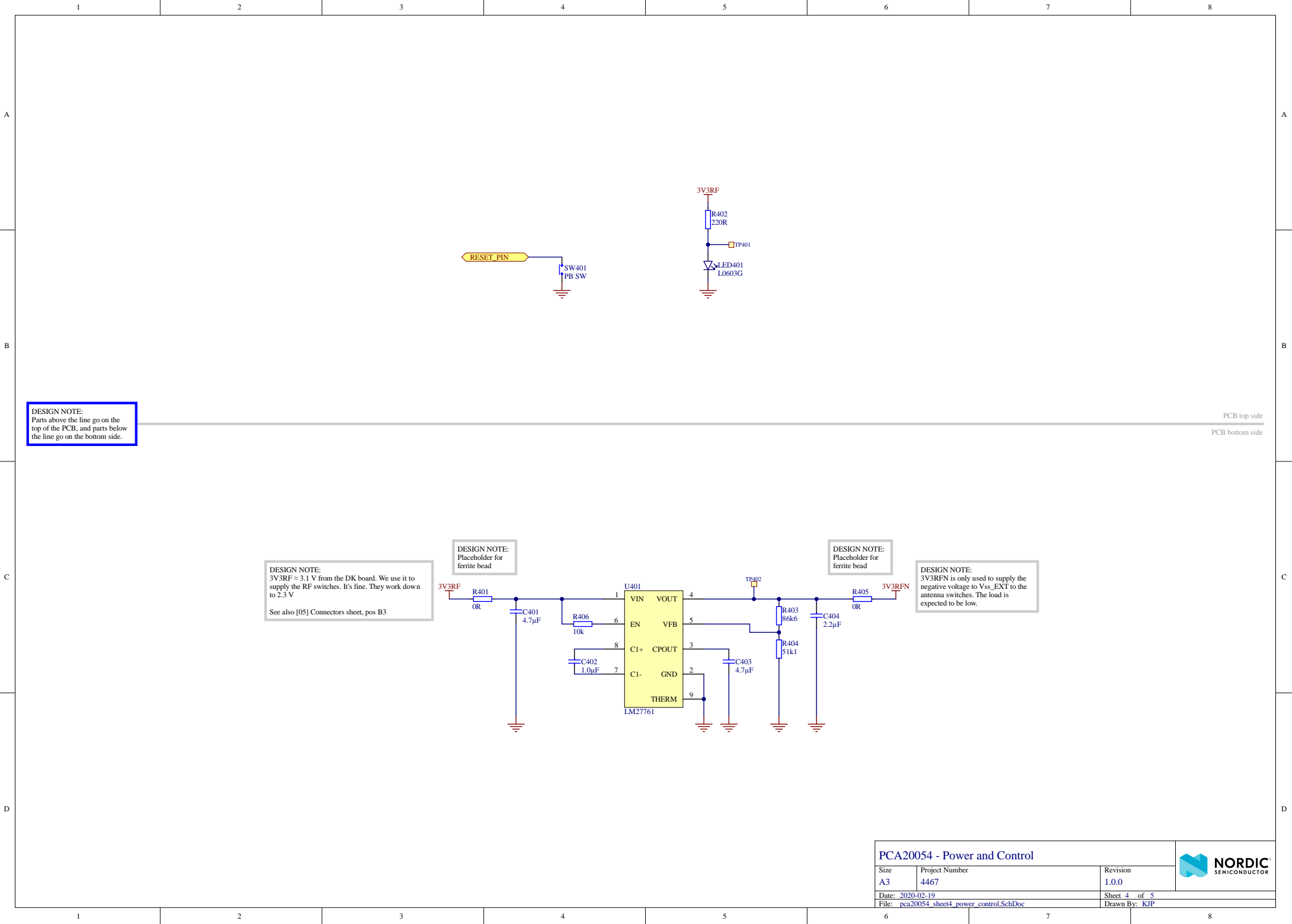
DESIGN NOTE:
Place the ferrite beads and caps as close to the switches as practical. R349, R350, C329, and C328 can be placed close to all the switches U302 to U305. Place them where the signal traces branch off the first time.



PCA20054 - Antenna Switches

Size	Project Number	Revision
A2	4467	1.0.0
Date:	2020-02-19	Sheet 1 of 5
File:	pcsa20054_sheet3_antenna_switches.SchDoc	Drawn By: KJP





A

B

C

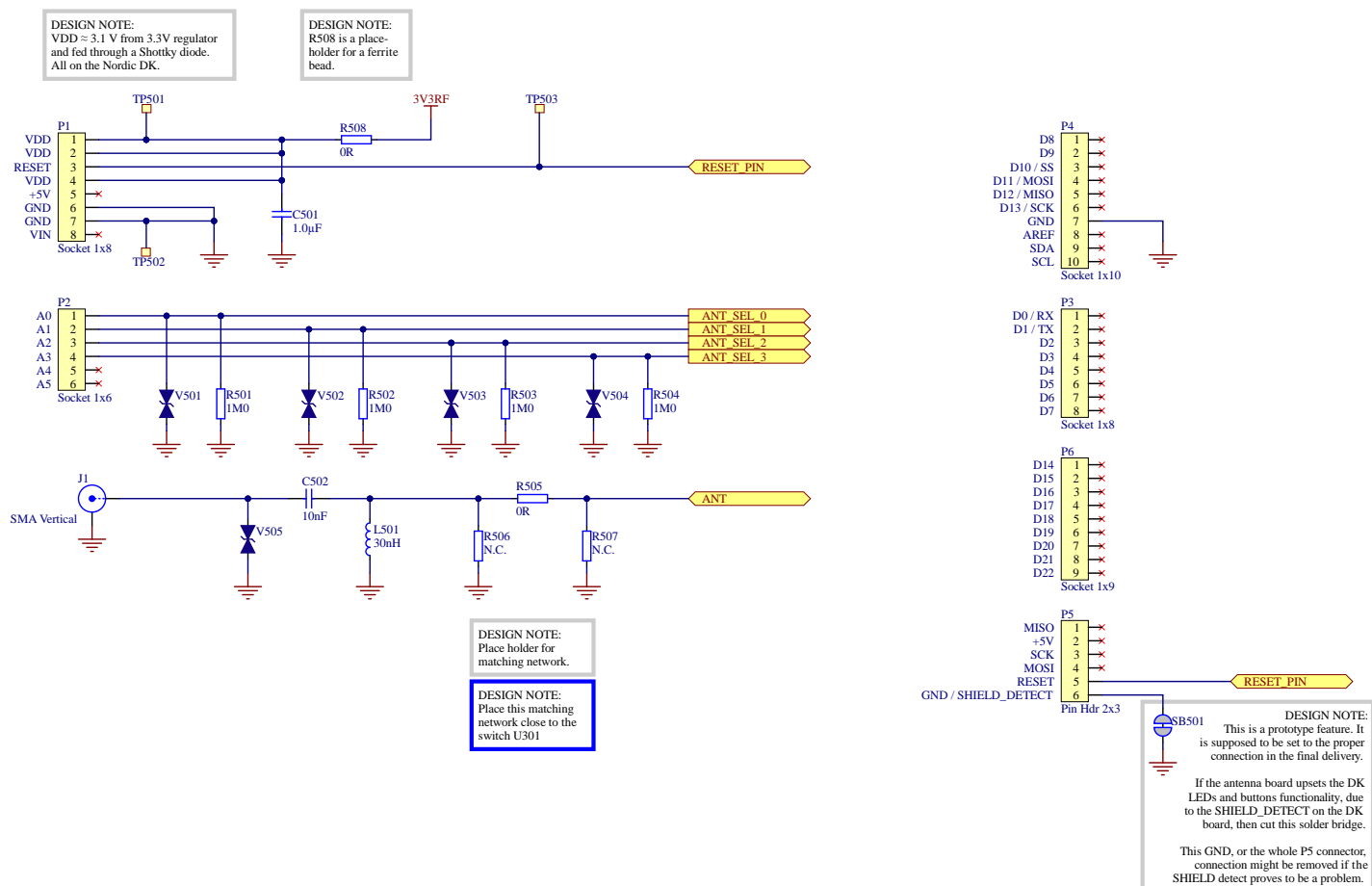
D

A

B

C

D



PCA20054 - Connectors

Size	Project Number	Revision
A3	4467	1.0.0
Date: 2020-02-19	File: pca20054_sheet5_connectors.SchDoc	Sheet 5 of 5
		Drawn By: KJP



