

RELEASED

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DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational
design notes .

DESIGN NOTE:
Example text for critical
design notes.

DESIGN NOTE:
Example text for cautionary
design notes.

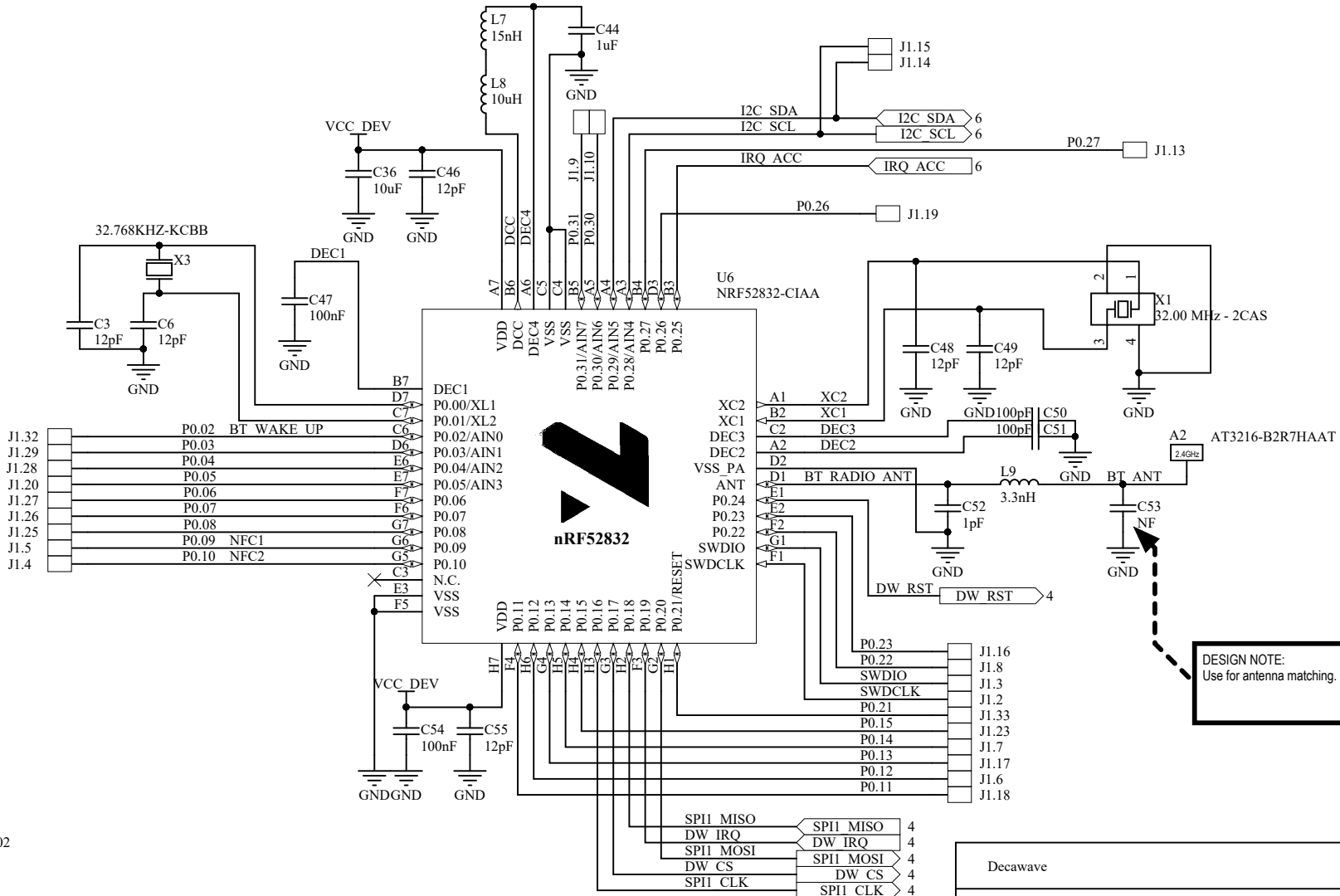
LAYOUT NOTE:
Example text for critical
layout guidelines.

Decawave			
Title: DWM1001			
Page Contents: [01] - COVER PAGE.SchDoc		Checked by JK.TDK.AI	
Size: A4	DWG NO	Revision: D1.1	
Date: 17-APR-2018		Sheet 1 of 6	

A



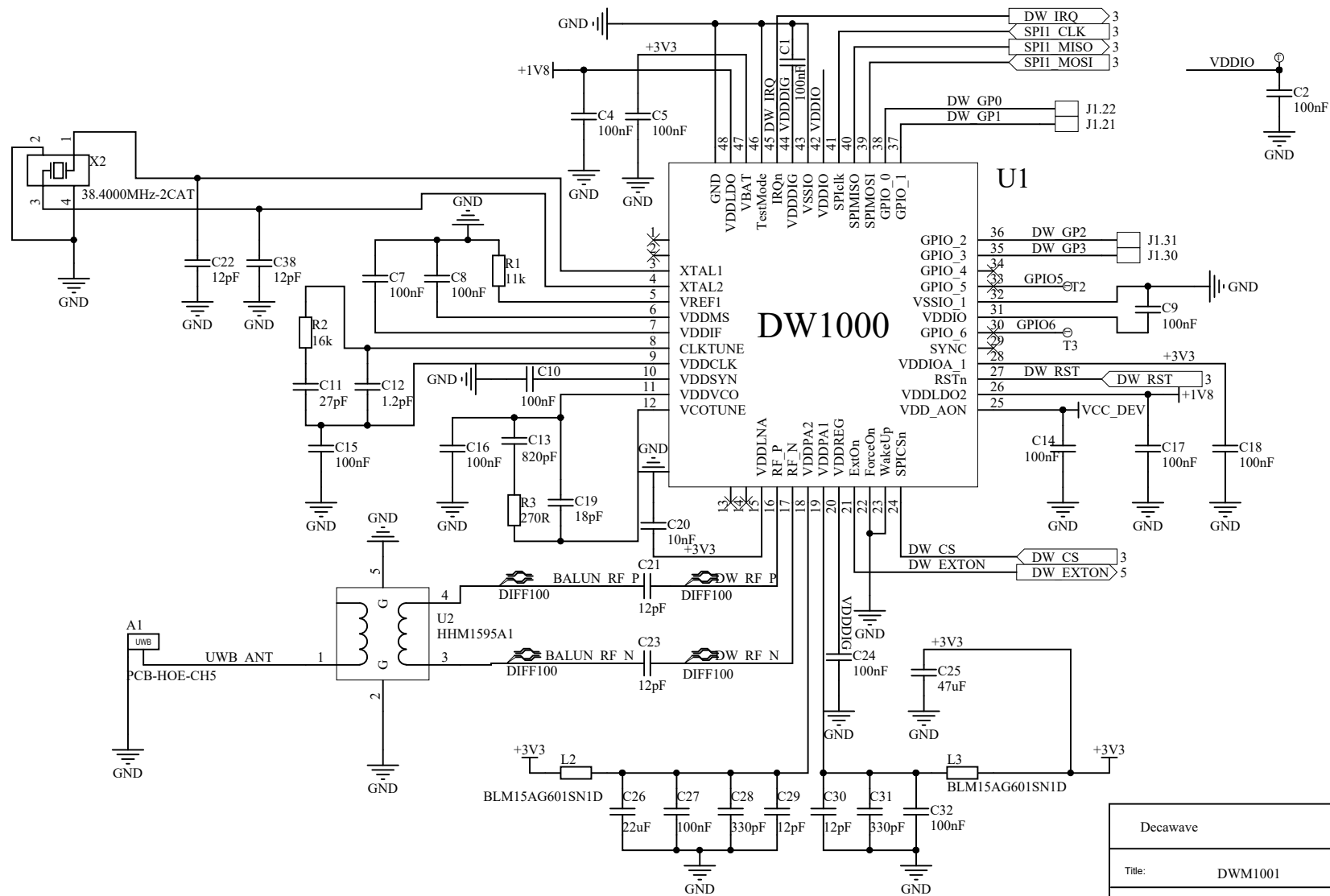
Core MCU



DESIGN NOTE:
Use for antenna matching.

Decawave			
Title: DWM1001			
Page Contents: [03] - CORE MCU.SchDoc			
Size: A4		Revision: D1.1	
Date: 17-APR-2018		Sheet 3 of 6	

DW1000

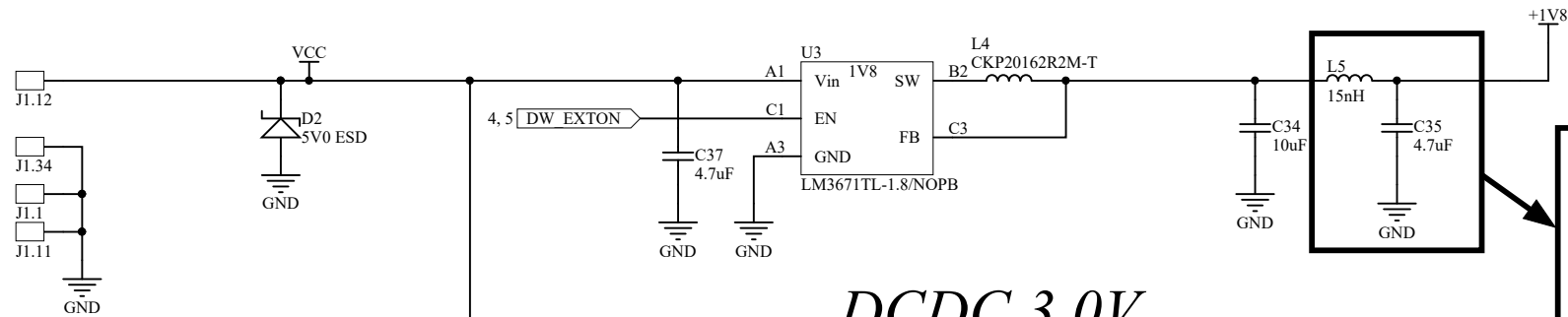


DESIGN NOTE:
Use test point for high voltage OTP
programming
Vmin 3.7V Vmax 3.9V

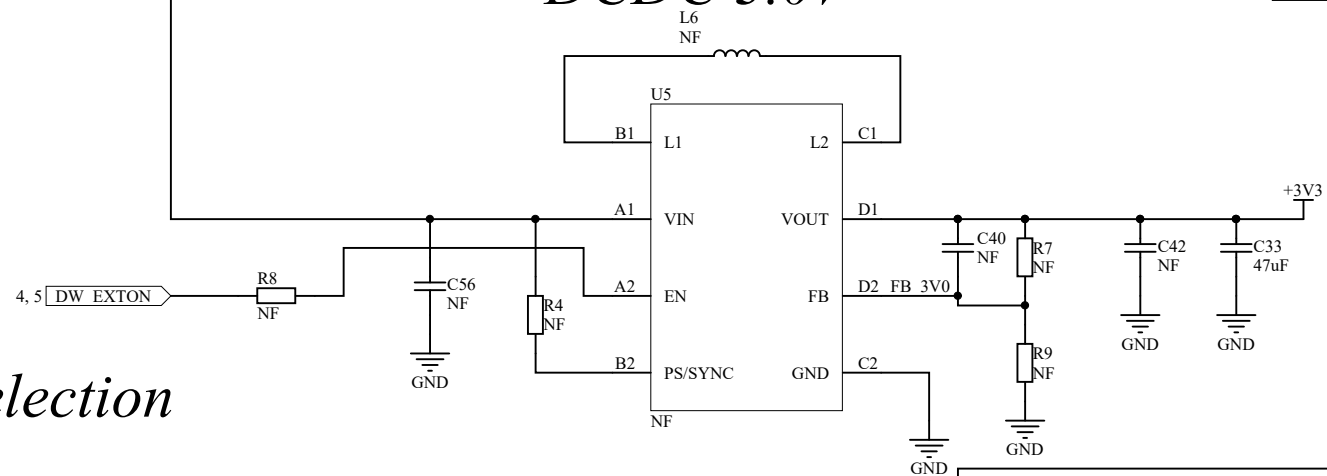
Decawave			
Title: DWM1001			
Page Contents: [04] - DW radio.SchDoc			
Size: A4	DWG NO		Revision: D1.1
Date: 17-APR-2018	Sheet 4 of 6		

Power supply

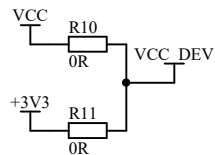
DCDC 1.8V



DCDC 3.0V



Power supply selection

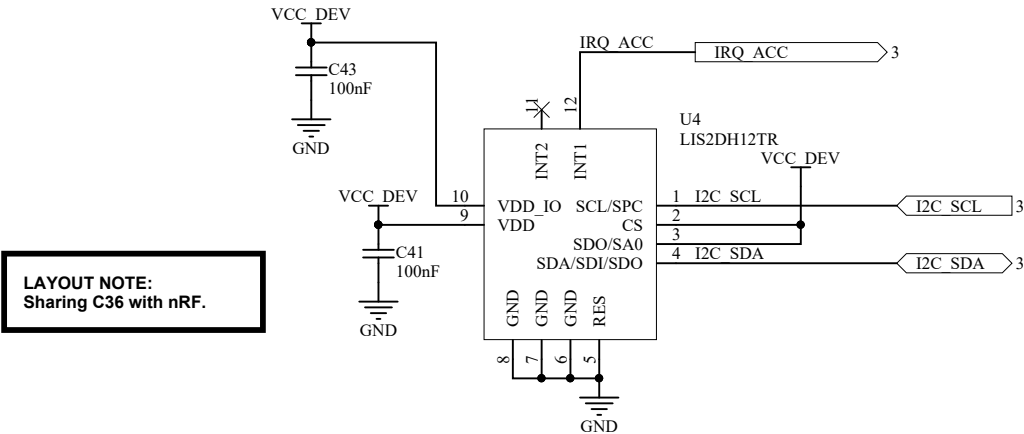


Decawave			
Title: DWM1001			
Page Contents: [05] - Power supply.SchDoc			
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I2C/SPI devices

LIS2DH12

3-Axes Accelerometer



DESIGN NOTE:
Interchangeable with LIS2DE12

DESIGN NOTE:
I2C address 0011001b = 0x19

Decawave			
Title: DWM1001			
Page Contents: [06] - SPI I2C devices.SchDoc			
Size: A4	DWG NO		Revision: D1.1
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