



ST25R3911B-DISCO



Title ST25R3911B-DISCO				 life.augmented
Size: A4	Number: 1	Revision: B1		
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			MDG NFC & Reader Competence Center	

ST25R3911B-DISCO

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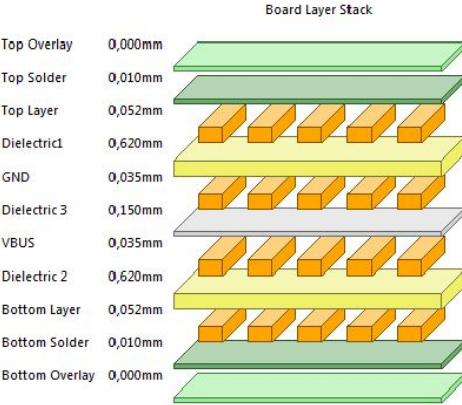
Sheet 4: USB & PMU Schematic

Sheet 5: STM32L4 Schematic

Sheet 6: ST25R3911B Schematic

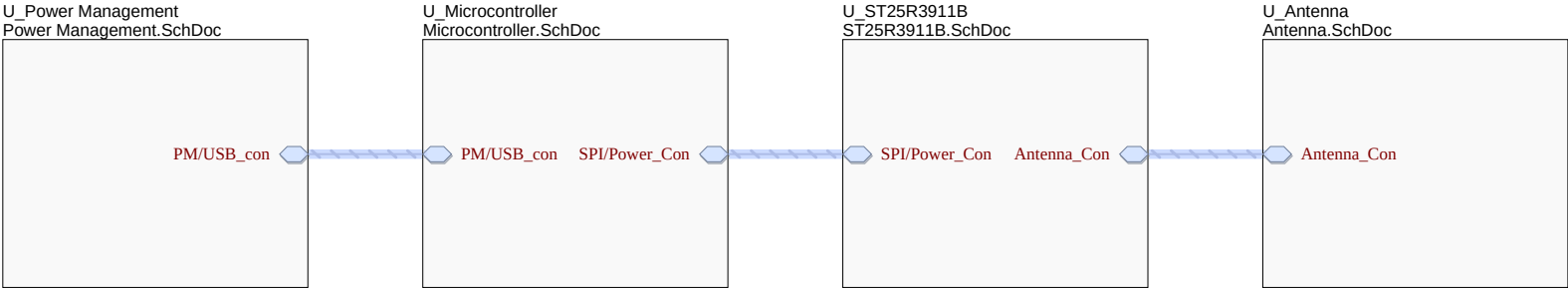
Sheet 7: Matching and Antenna Circuit Schematic

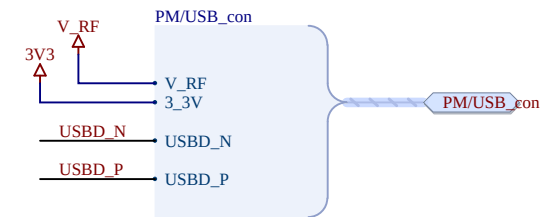
PCB Stackup



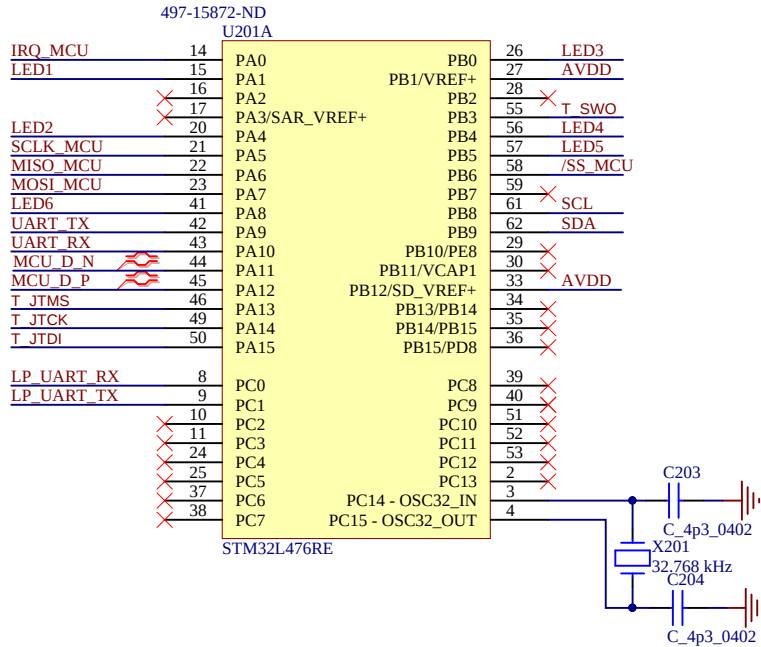
Revision History

Revision	Release Date	Design Changes
A1	31/03/2017	Internal Release
B1	06/06/2017	Official Release

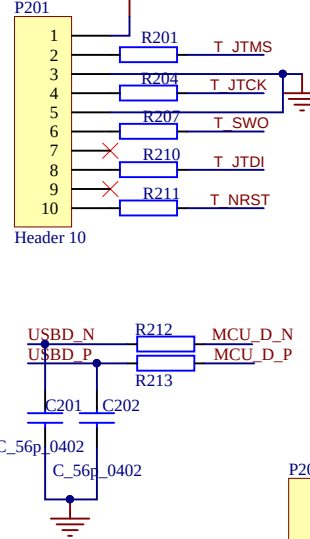




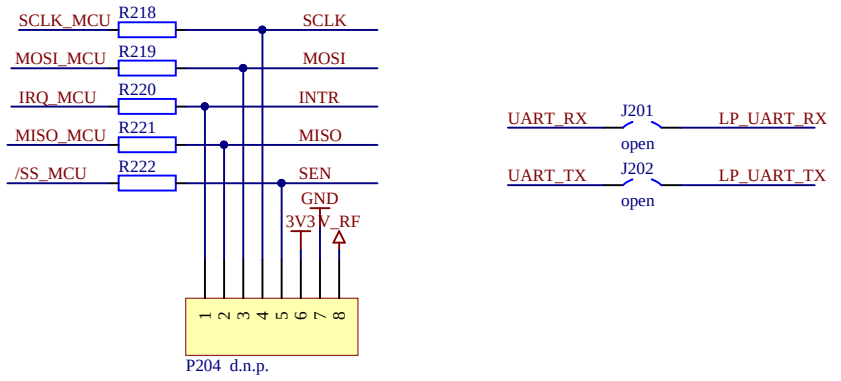
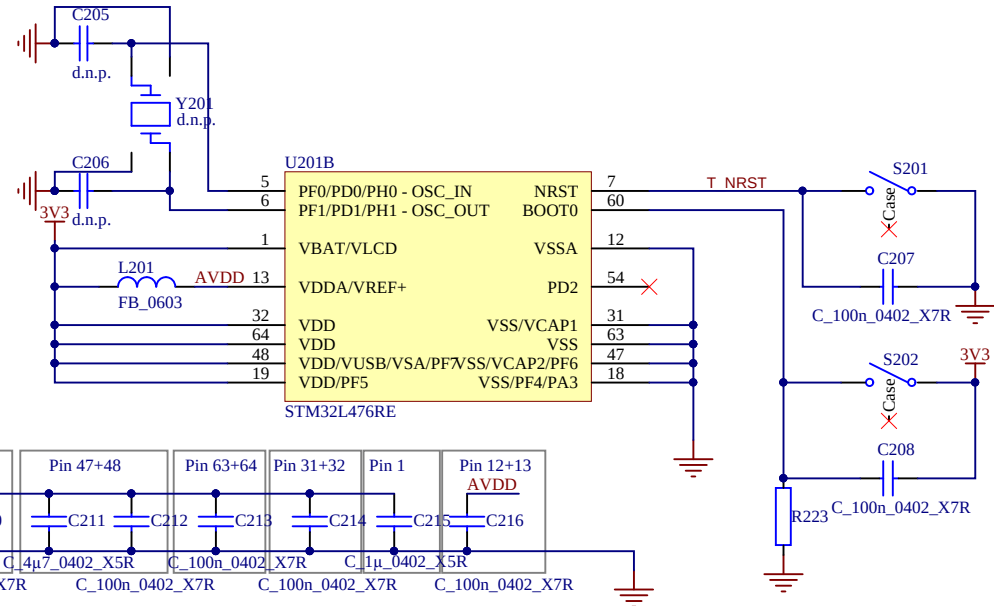
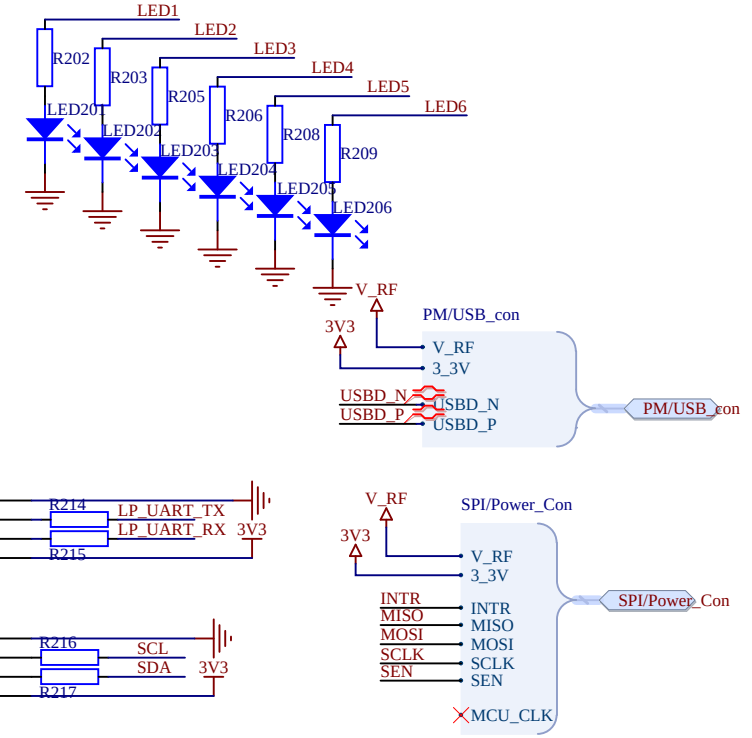
Microcontroller



SWD



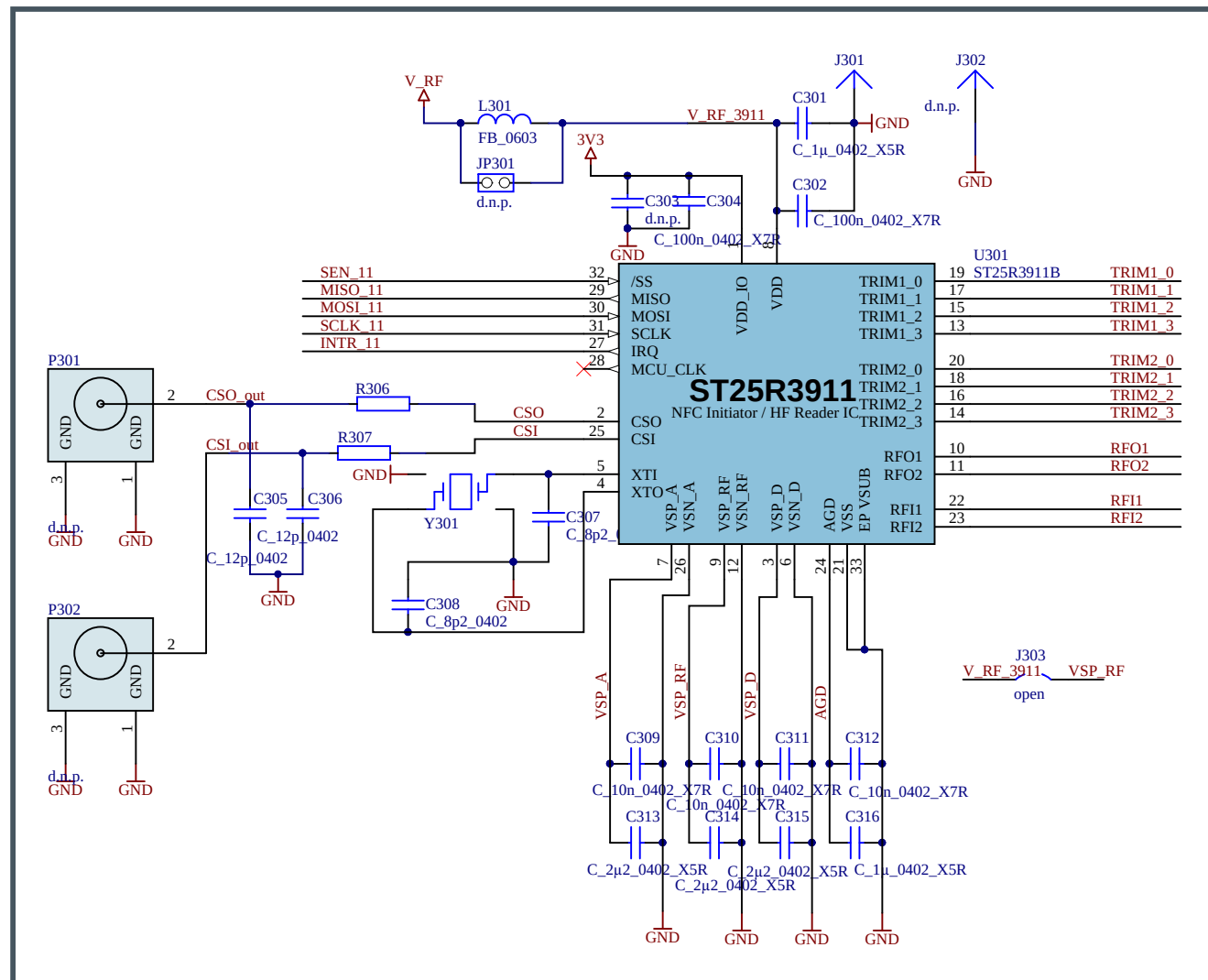
Interface



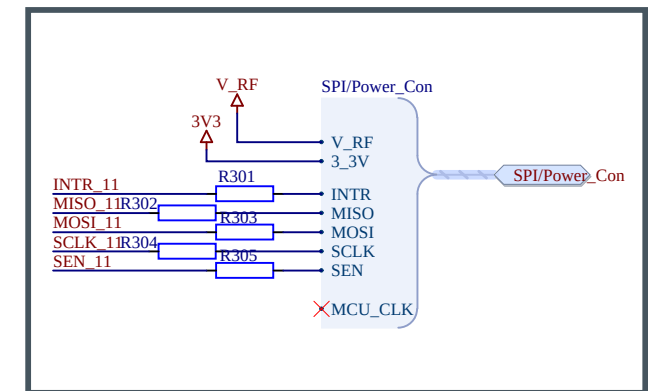
Title ST25R3911B-DISCO				
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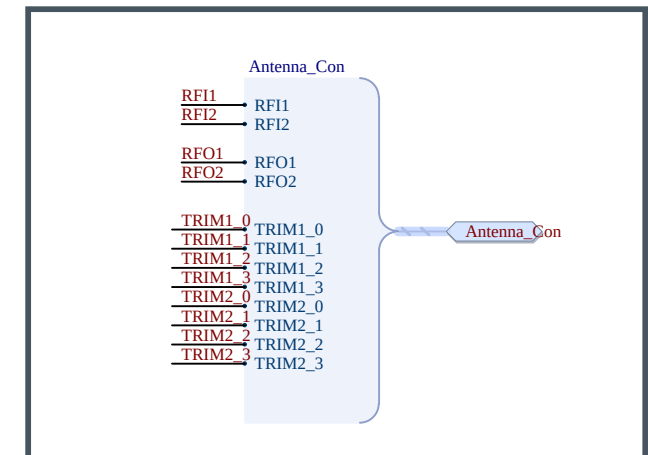
ST25R3911 NFC Initiator / HF Reader



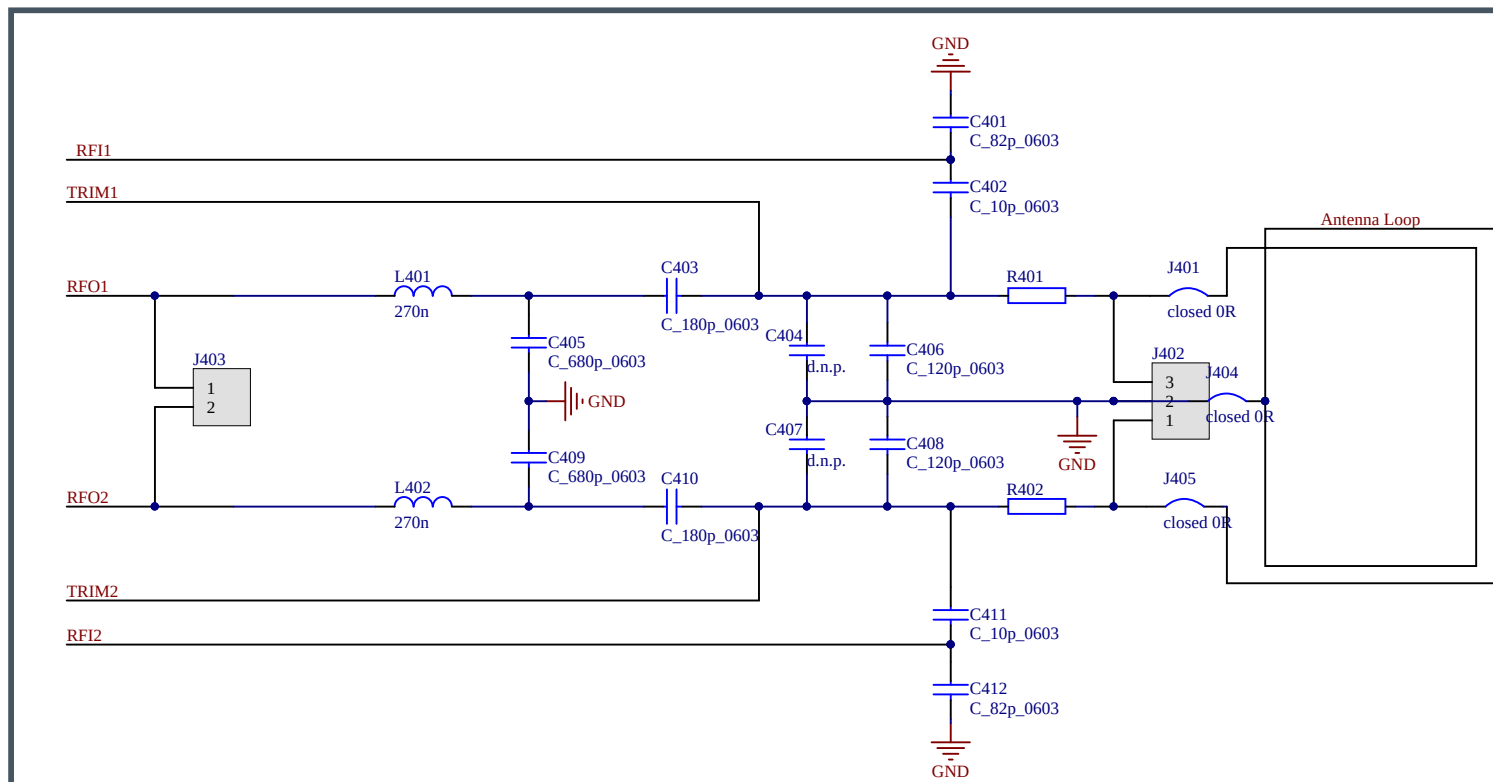
Controller Interface



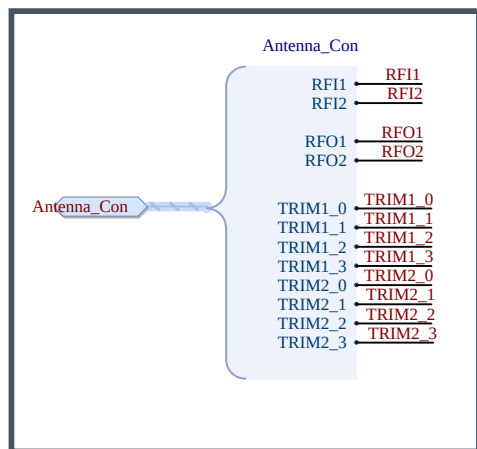
Antenna Connection



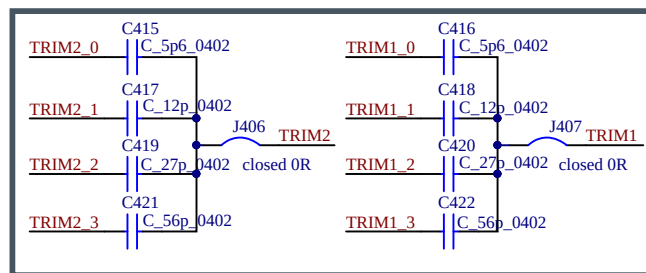
Antenna Circuit incl. EMI Filter and Matching



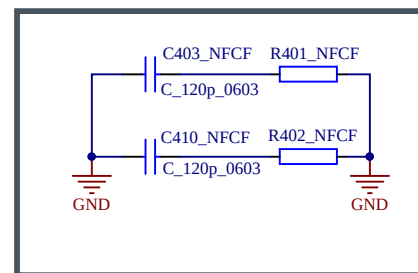
Antenna Connection



Trim Capacitor Banks



NFC Forum matching



Title ST25R3911B-DISCO

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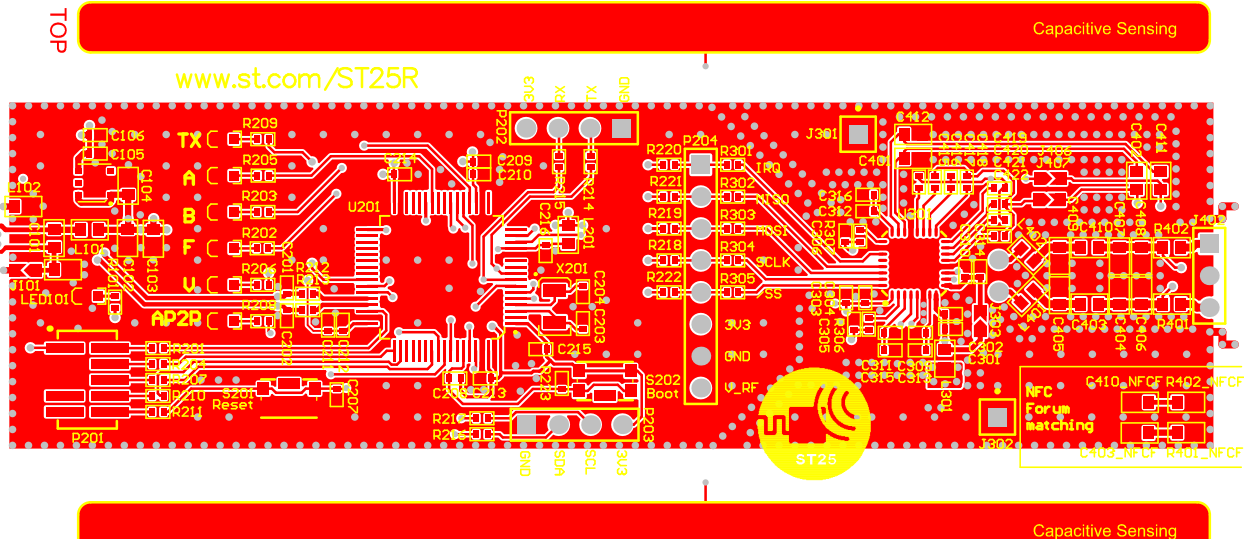
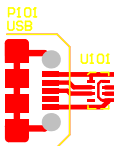
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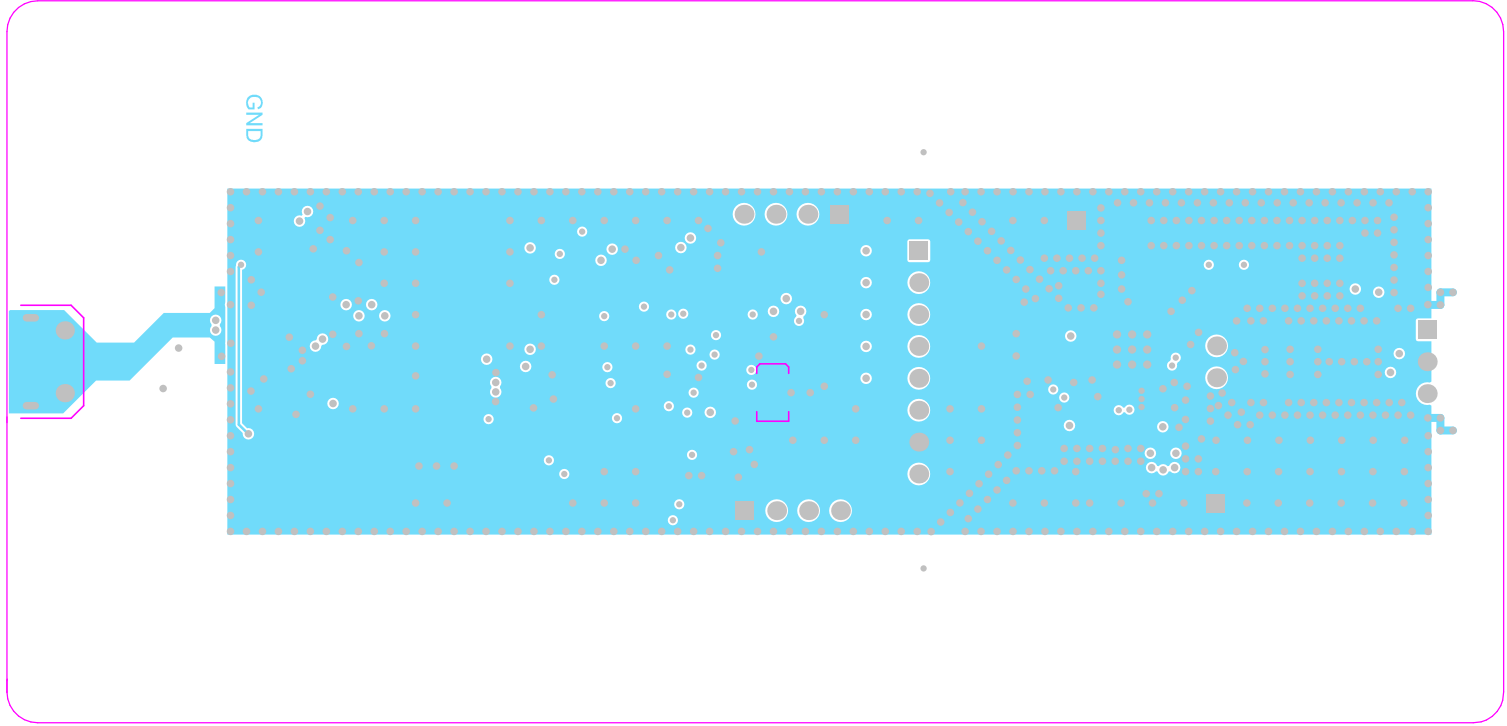
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File: Antenna.SchDoc

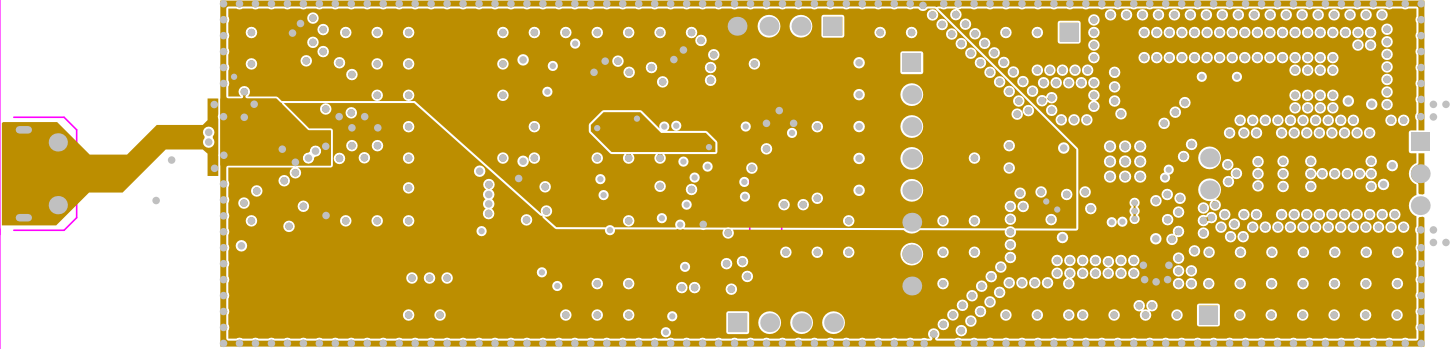


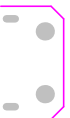
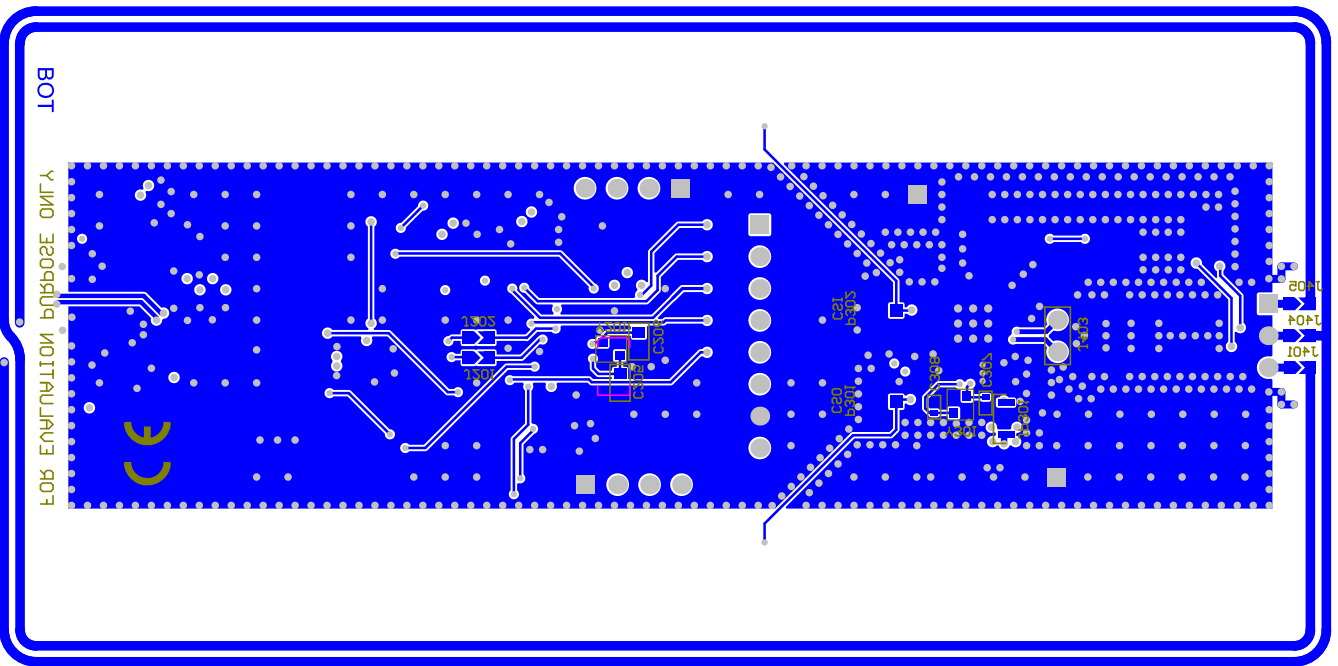
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PWR





**SHOW
COMPLIMENT
BOOTH**

FCCID: YC925T29Y :C02BD11BD2C0
C02BD11E2A2T2-Ad7e8 :C02BD11BD2C0



P101

USB

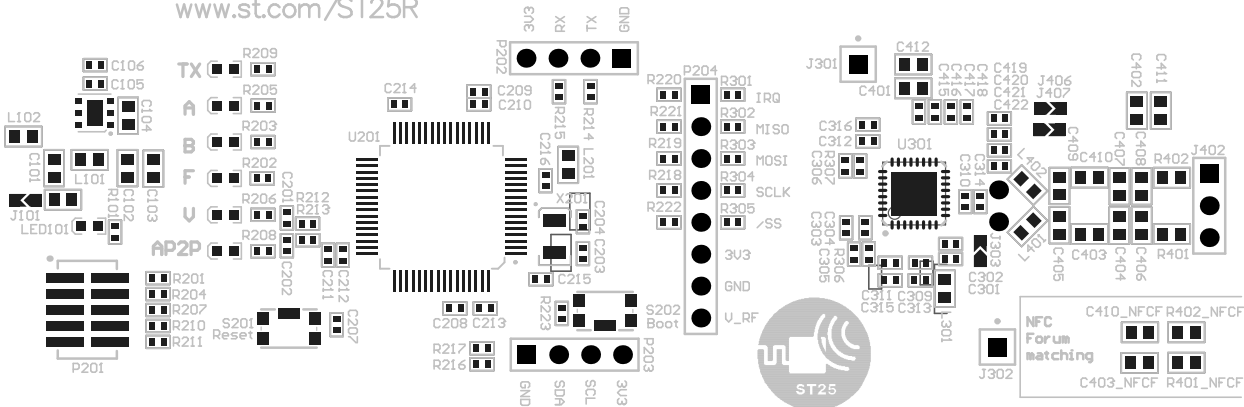


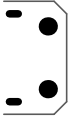
U101

ST25R3911B-DISCO

MB1325-B

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FOR EVALUATION PURPOSE ONLY



IC: 8876A-2152F3D1BD12CO
ECCID: YCP2152F3D1BD12CO

10S1
10S1



CS02
CS02
10S1
CS08



C20
b30f
C21
b30S

C308

10E1
10E1

1b30f

C301

1403

1401
1404
1402