

1

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A

A

B

B

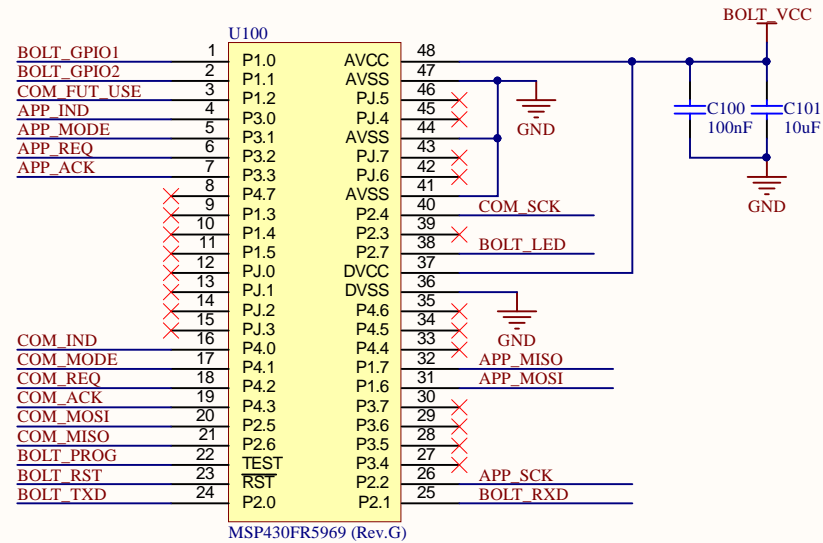
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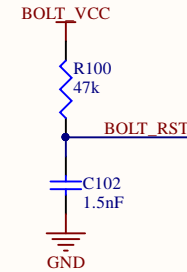
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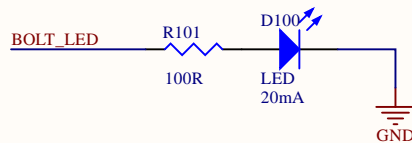
Microcontroller



Reset Circuit



Debug LED



Support LEDs with a forward voltage of 2V at a supply voltage of 2.2 - 3.3V. The current should be below 20mA at 3.3V and at least 2mA at 2.2V. Therefore, a resistor value between 65 and 100 ohm is suitable.

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Zeichnungs Titel:

DPP2 - Bolt

Zeichnungsnummer: *

Rev. 1.0

Format: Institut: Computer Engineering Group, TIK

Projekt: Bolt.SchDoc

Datum: 17/08/2017 10:45:18

A4 Q

Ersteller: Reto Da Forno

Seite 1 von 4

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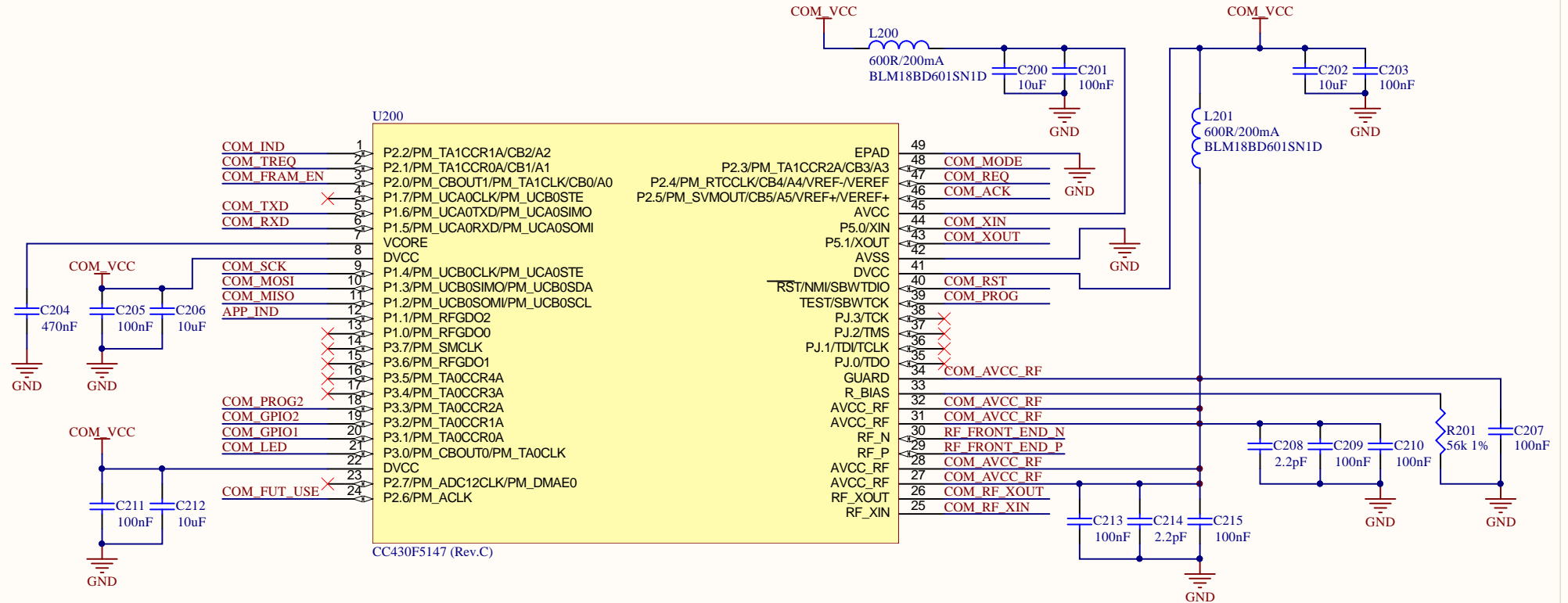
1

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Microcontroller



Coplanar Waveguide

Substrate: FR4 ($\epsilon_r = 4.6$)
 Substrate Thickness: 1mm
 Substrate Loss Tangent: 0.015
 Metal Thickness: 35um
 Track Width: 0.76mm
 Track Spacing: 0.125mm
 Frequency: 868MHz
 Impedance: 50.0063Ohm



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Zeichnungs Titel:

DPP2 - Communication Processor (RF SoC)

Zeichnungsnummer: * Rev. 1.0

Format: Institut: Computer Engineering Group, TIK

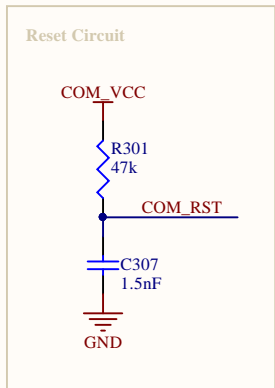
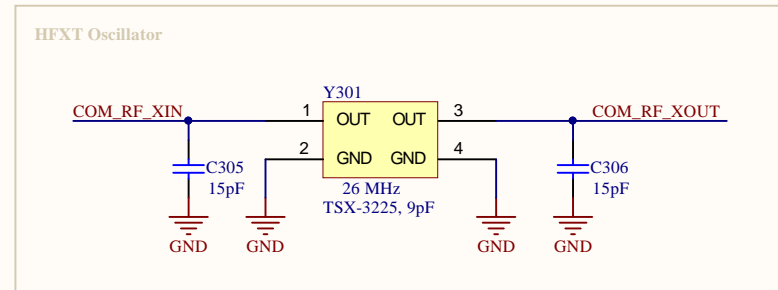
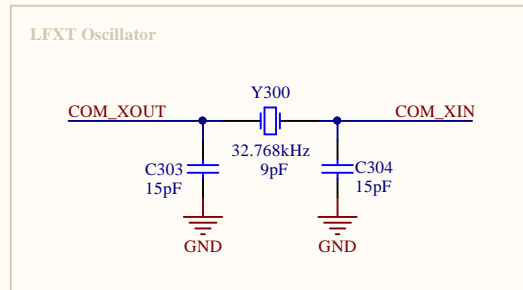
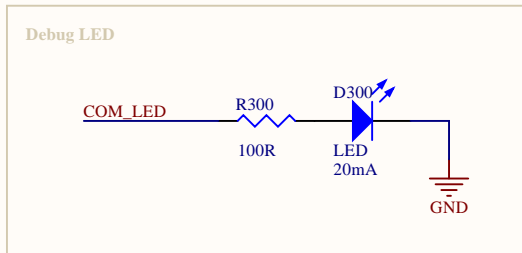
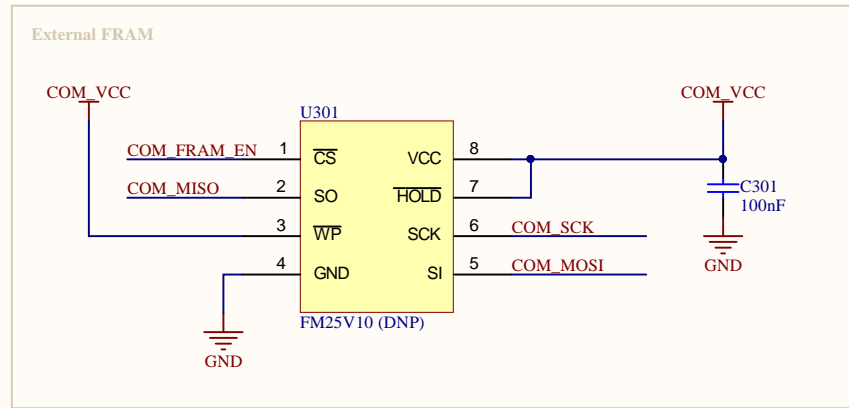
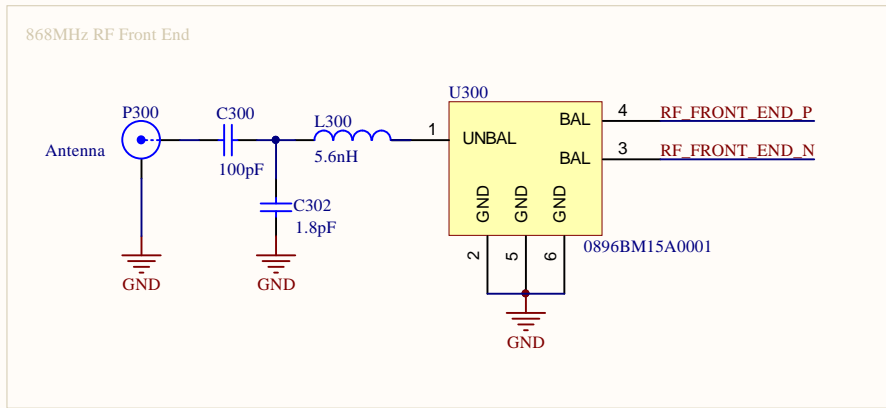
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Datum: 17/08/2017 10:45:18

A4 Q Ersteller: Reto Da Forno

Seite 2 von 4

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ETH

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Swiss Federal Institute of Technology Zurich

Zeichnungs Titel:

DPP2 - Communication Processor Peripherals

Zeichnungsnummer: *

Rev: 1.0

Format: Institut: Computer Engineering Group, TIK

Projekt: Com_Peripherals.SchDoc

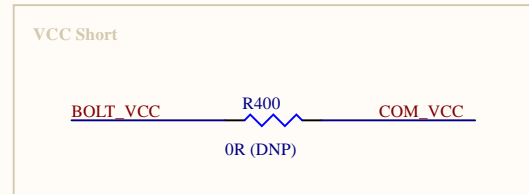
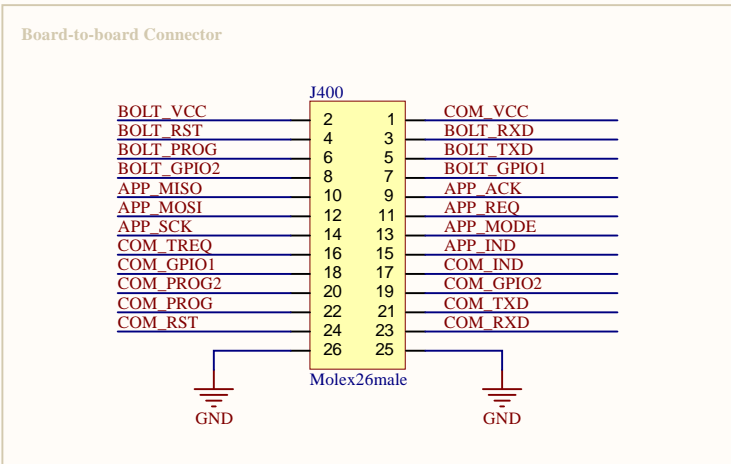
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Zeichnungsnummer: *	Rev: 1.0	Format: A4 Q	Institut: Computer Engineering Group, TIK
Datum: 17/08/2017 10:45:19		Ersteller: Reto Da Forno	Projekt: Interface.SchDoc
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