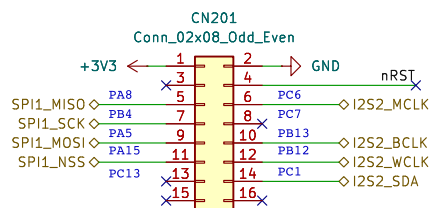


Orange Marked = Arduino UNO Standard Pinout
 Yellow Marked = Nucleo144 Expansion to Arduino Standard

Expansion Connector of:
 STM32F469I-DISCO



Arduino Standard Connector sadly doesn't offer enough pins
 with advanced features such as:
 I2S, microSD, more SPI and so on...

So less standard pinouts have to be used.
 -> lots of jumpers to make it configurable.

Sheet: /Pinout CPU/
 File: pinout.kicad_sch

Title:

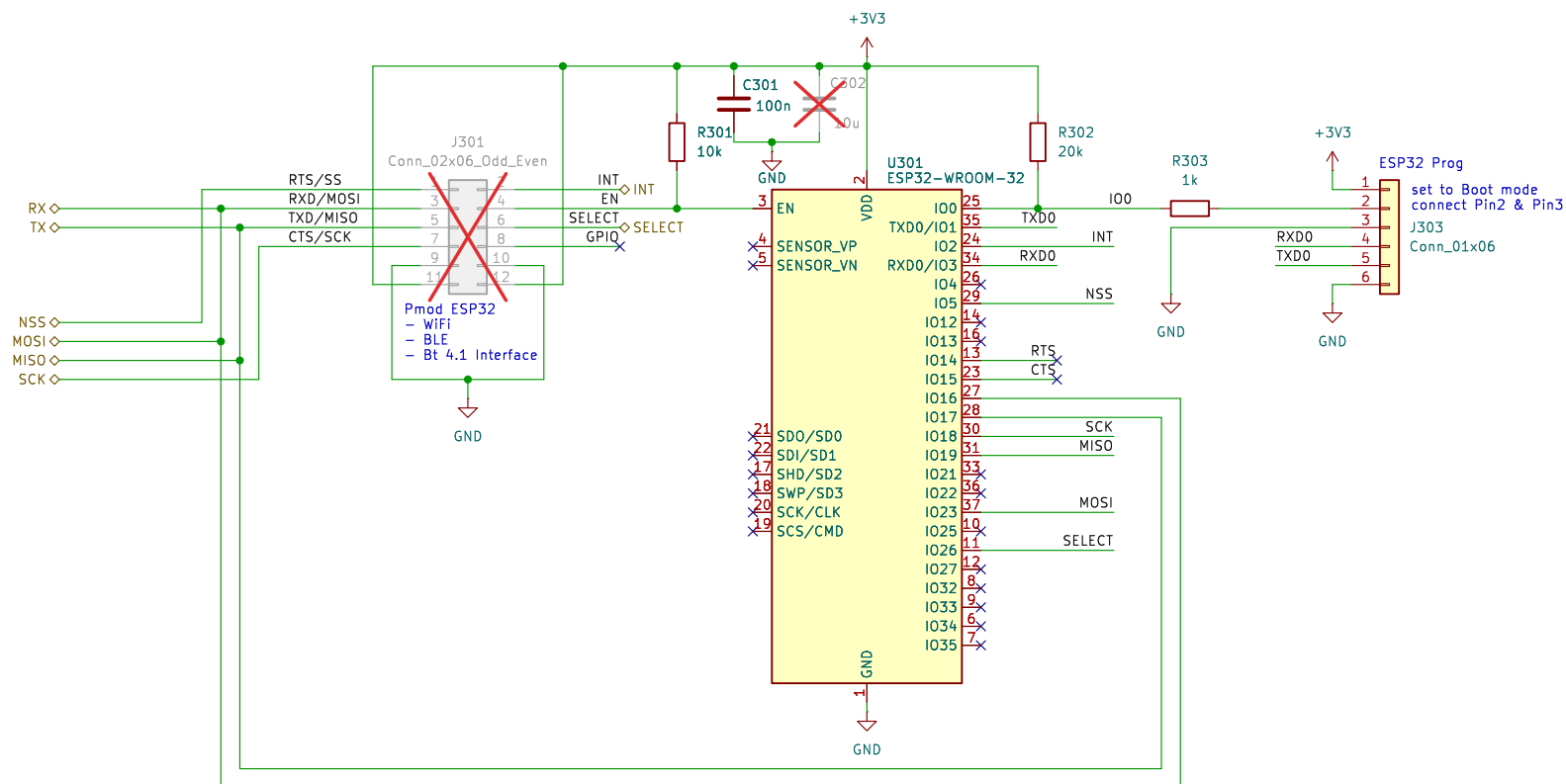
Size: A4

Date:

Rev:

KiCad E.D.A. 9.0.2

Id: 2/8



Sheet: /Wireless Connectivity/
File: wireless.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.2

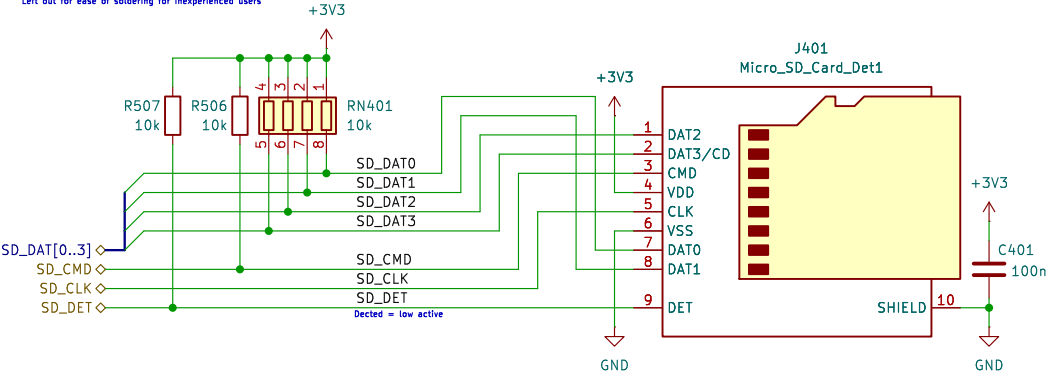
Date:

Rev:

Id: 3/8

Micro SD-Card

ESD-Protection for production Version required
Left out for ease of soldering for inexperienced users



Sheet: /nucleo144_extensions/
File: nucleo144_ext.kicad_sch

Title:

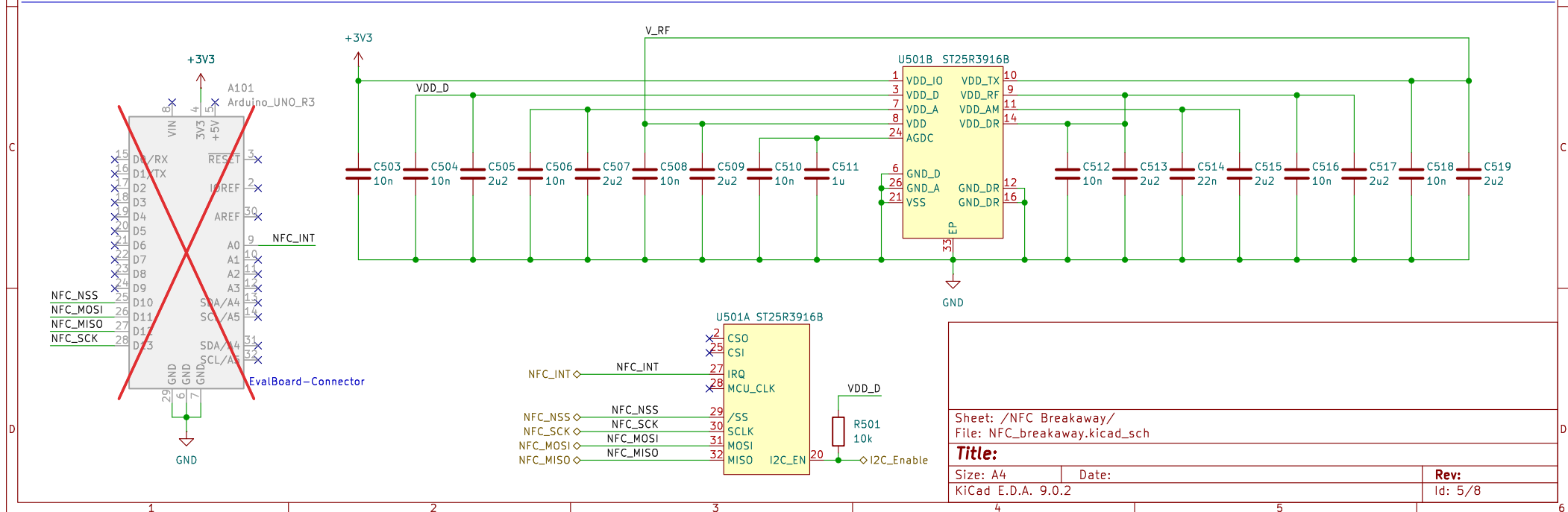
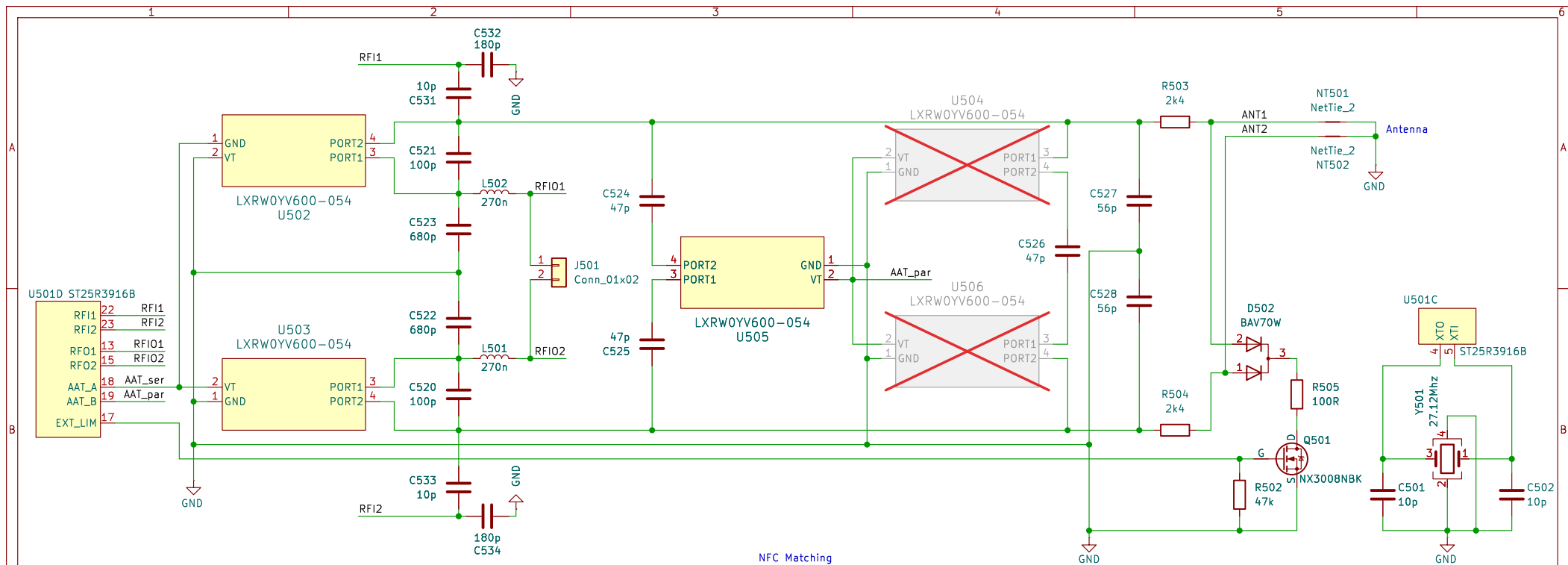
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Date:

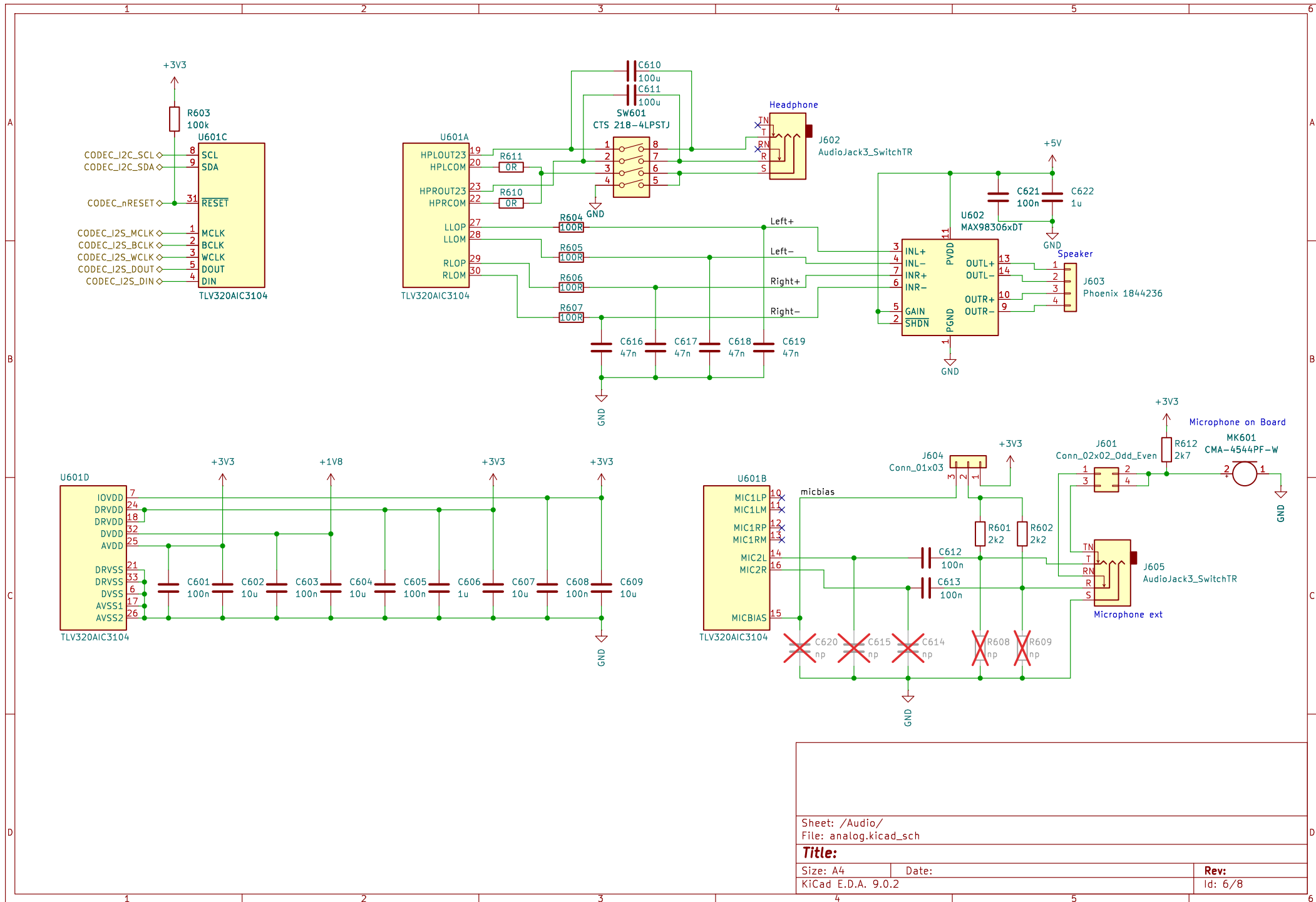
Rev:

KiCad E.D.A. 9.0.2

Id: 4/8



Sheet: /NFC Breakaway/	
File: NFC_breakaway.kicad_sch	
Title:	
Size: A4	Date:
KiCad E.D.A. 9.0.2	Rev: Id: 5/8



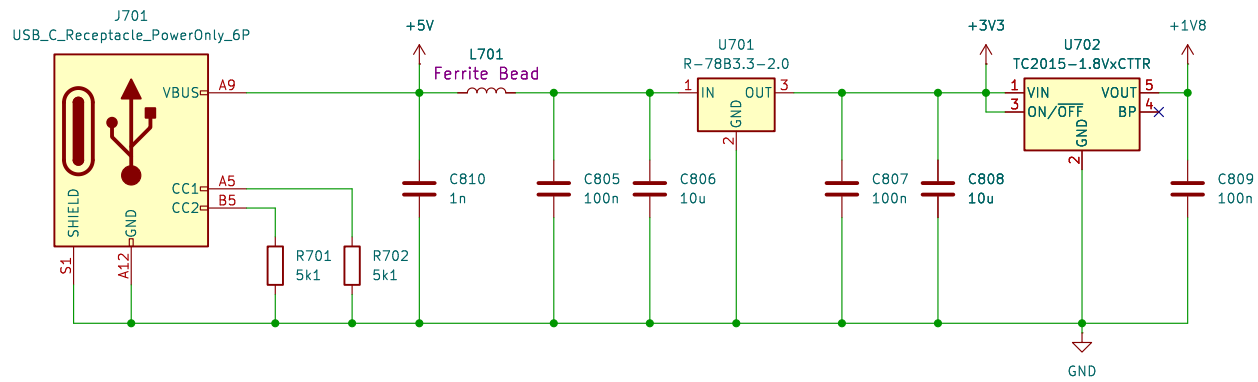
Sheet: /Audio/
File: analog.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.2

Date:

Rev:
Id: 6/8



Sheet: /Powersupply/
File: powersupply.kicad_sch

Title:

Size: A4

Date:

KiCad E.D.A. 9.0.2

Rev:

Id: 7/8

