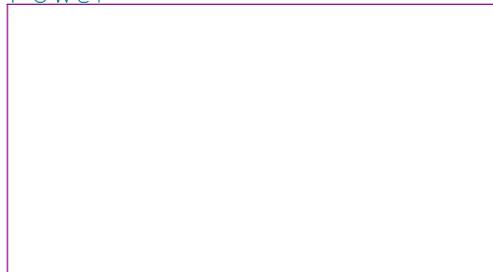
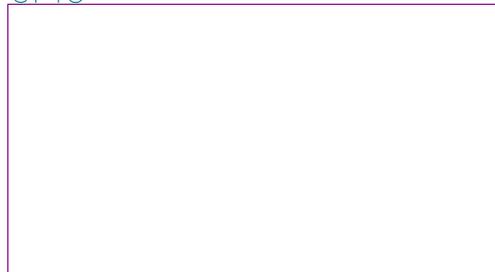


Power



Radioberry-PWR.sch

GPIO

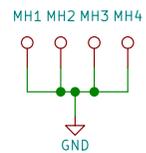


Raspberry-GPIO.sch

Frontend



Radioberry-Frontend.sch



PA3GSB  
AppMind

Sheet: /  
File: Radioberry.sch

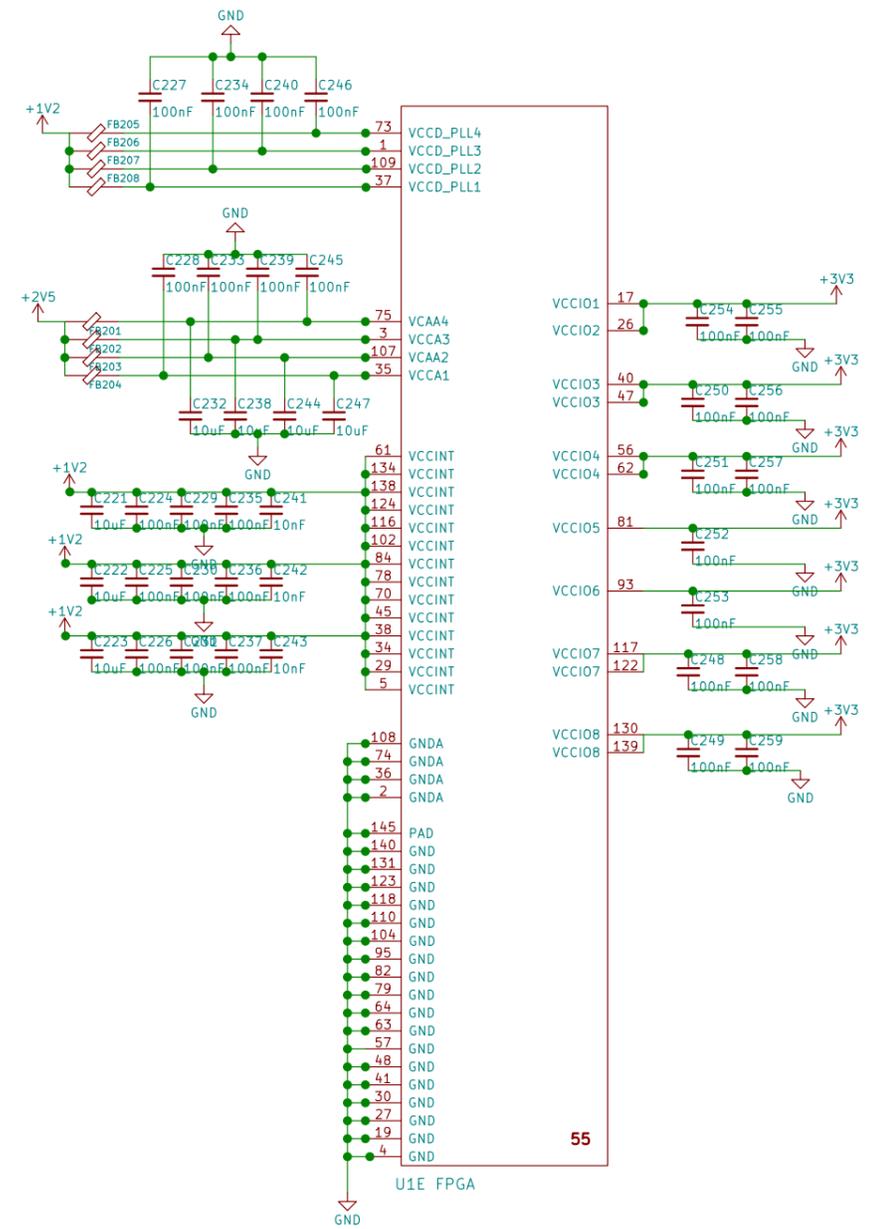
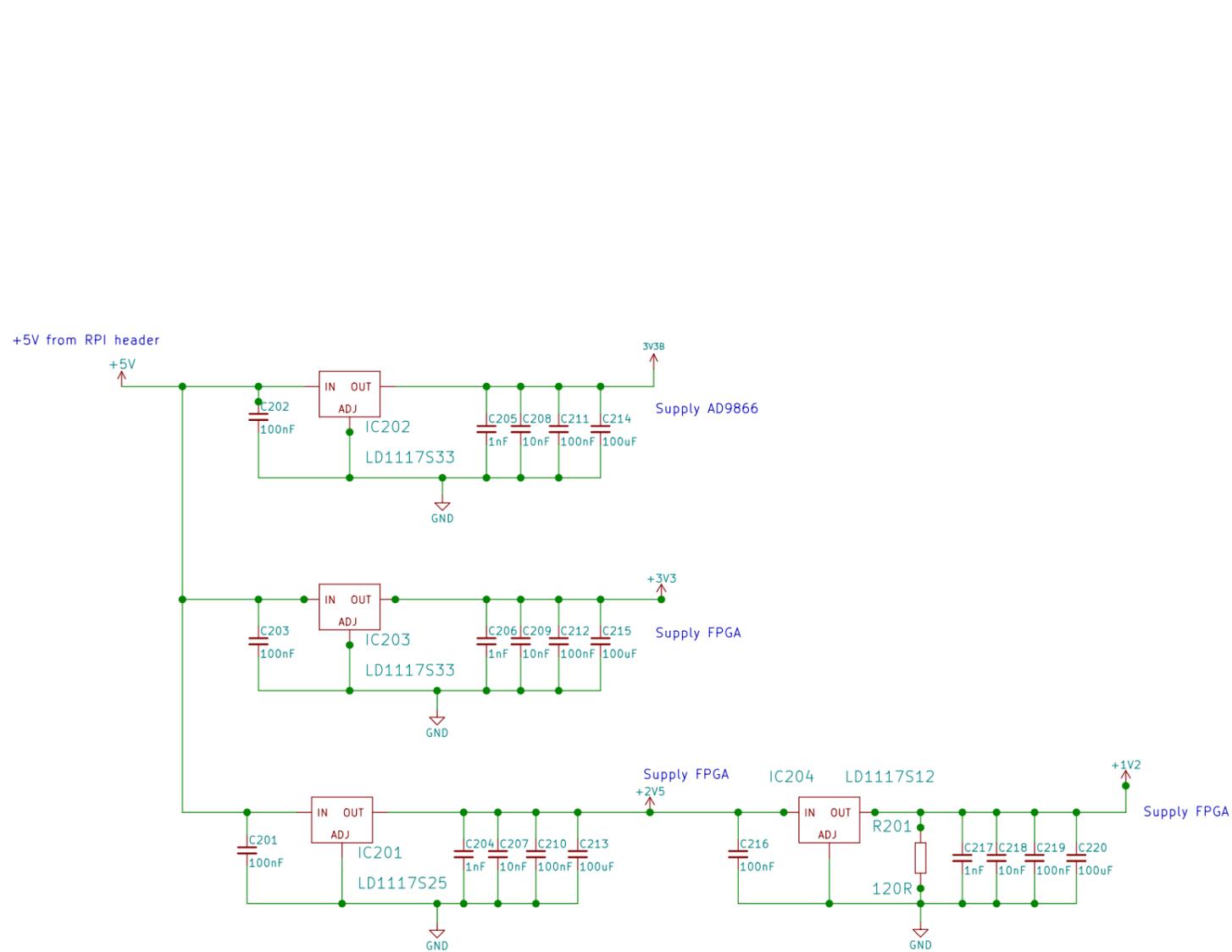
**Title: RadioBerry V2.0**

Size: A4 Date: 2017-11-29

KiCad E.D.A. kicad 4.0.6

Rev: beta2

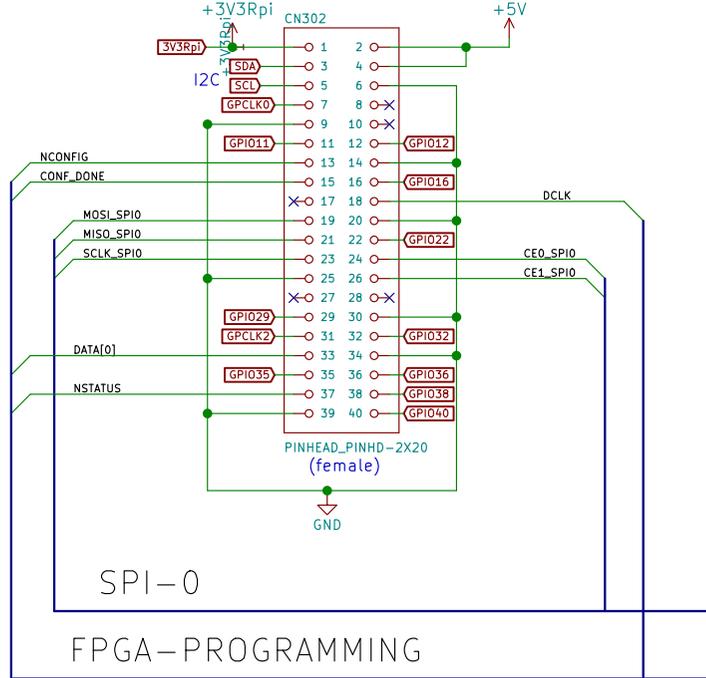
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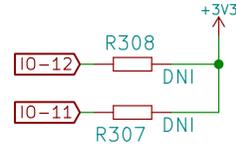
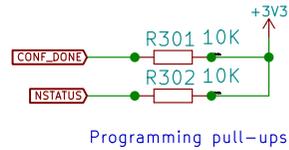
Cyclone 10LP : Possible use : 10CL016 or 10CL025

# Attach to RPI GPIO Header connector

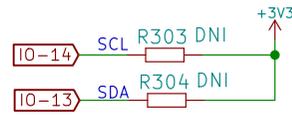
PWR\_FLAG  
+3V3Rpi  
+3V3Rpi



SPI-0  
FPGA-PROGRAMMING



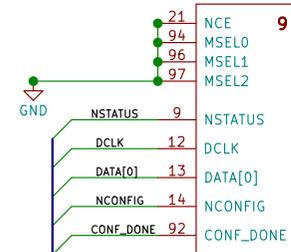
Option pull-ups  
(internal FPGA pull up to large / avoiding speed problems)



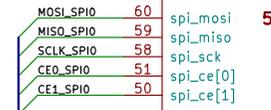
Option I2C by FPGA



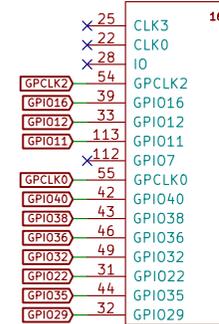
Option LVDS - Termination



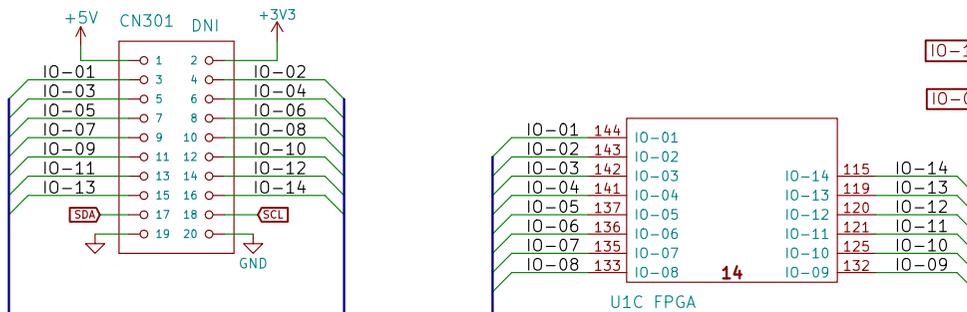
U1A FPGA  
FPGA-PROGRAMMING



U1B FPGA  
SPI-0



U1D FPGA

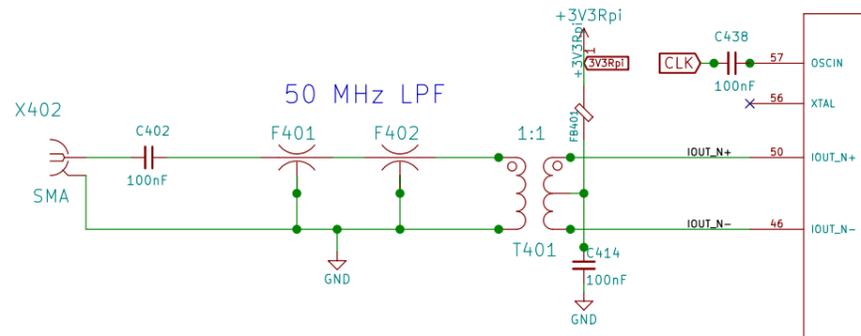


Input-Output

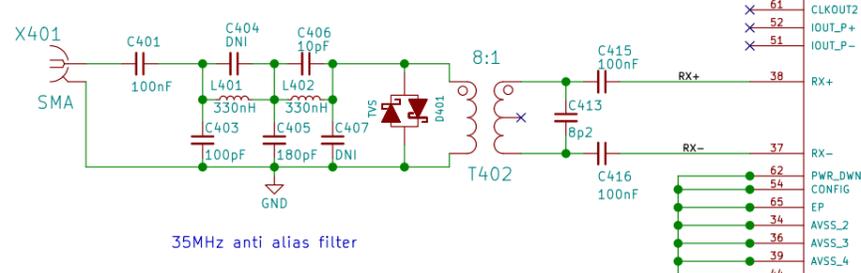
PA3GSB  
AppMind  
Sheet: /GPIO/  
File: Raspberry-GPIO.sch

**Title:**  
Size: A4 Date:  
KiCad E.D.A. kicad 4.0.6 **Rev: rev 2.0-beta1**  
Id: 3/4

RF-OUT



RF-IN



AD9866

IC401

