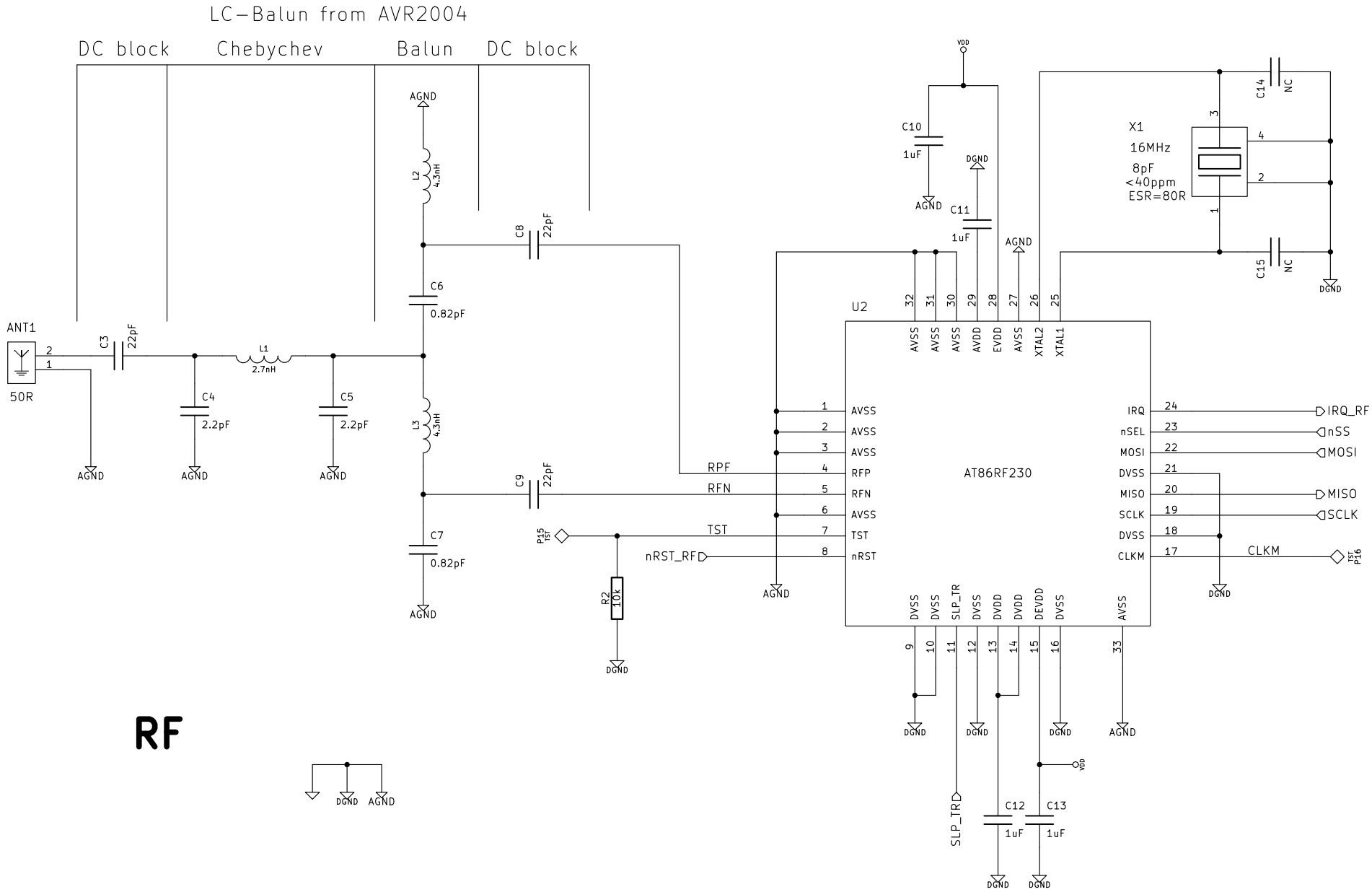
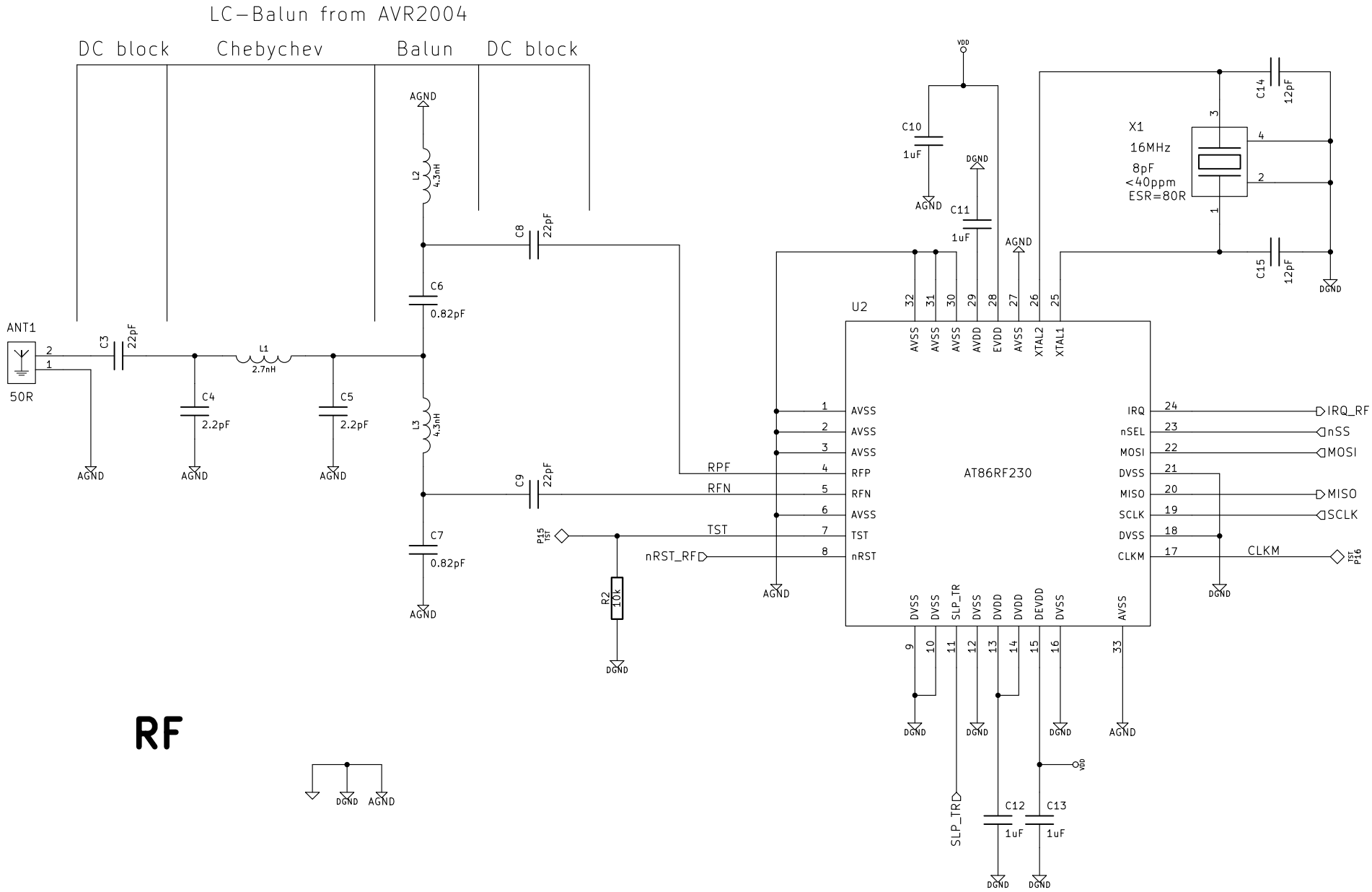

LC–Balun from AVR2004
DC block
Chebychev
Balun
DC block
ANT1
50R
C3 22pF
L1 2.7nH
C4 2.2pF
C5 2.2pF
L2 4.3nH
L3 4.3nH
C6 0.82pF
C7 0.82pF
C8 22pF
C9 22pF
R2 10k
AGND
DGND
RPF
RFN
TST
nRST_RF
U2
AT86RF230
AVSS
RFP
RFN
TST
nRST
DVSS
SLP_TR
DVDD
DEVDD
XTAL2
XTAL1
IRQ
nSEL
MOSI
MISO
SCLK
CLKM
IRQ_RF
nSS
MOSI
MISO
SCLK
CLKM
C10 1uF
C11 1uF
C12 1uF
C13 1uF
C14 NC
C15 NC
X1
16MHz
8pF
<40ppm
ESR=80R
VDD
RF


LC–Balun from AVR2004
DC block
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C4
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C5
2.2pF
C6
0.82pF
C7
0.82pF
C8
22pF
C9
22pF
L2
4.3nH
L3
4.3nH
R2
10k
AGND
DGND
VDD
U2
AT86RF230
AVSS
AVDD
EVDD
DVSS
DVDD
DEVDD
XTAL1
XTAL2
RPF
RFN
TST
nRST_RF
SLP_TR
IRQ
nSEL
MOSI
MISO
SCLK
CLKM
IRQ_RF
nSS
C10
1uF
C11
1uF
C12
1uF
C13
1uF
C14
12pF
C15
12pF
X1
16MHz
8pF
<40ppm
ESR=80R
RF