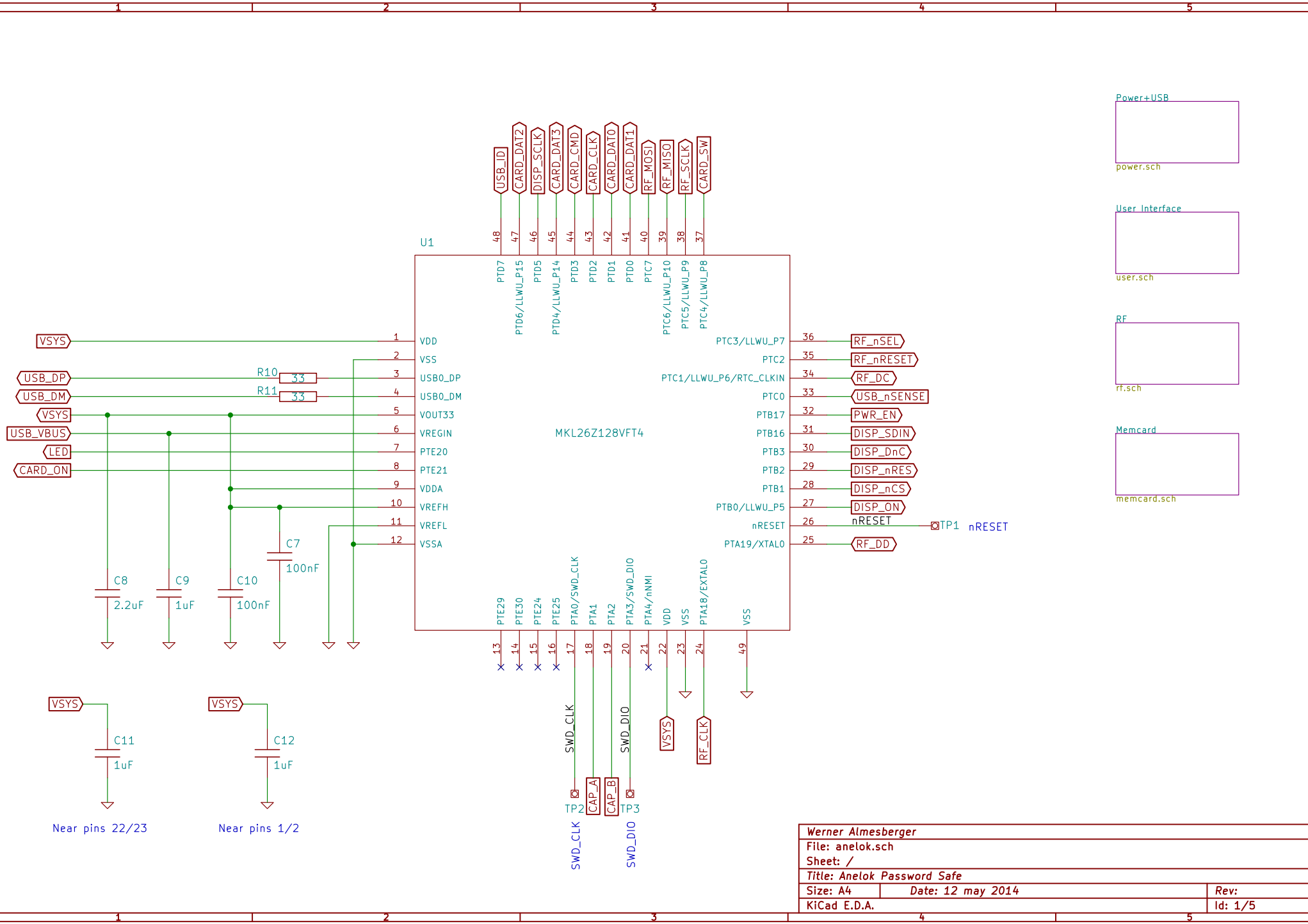
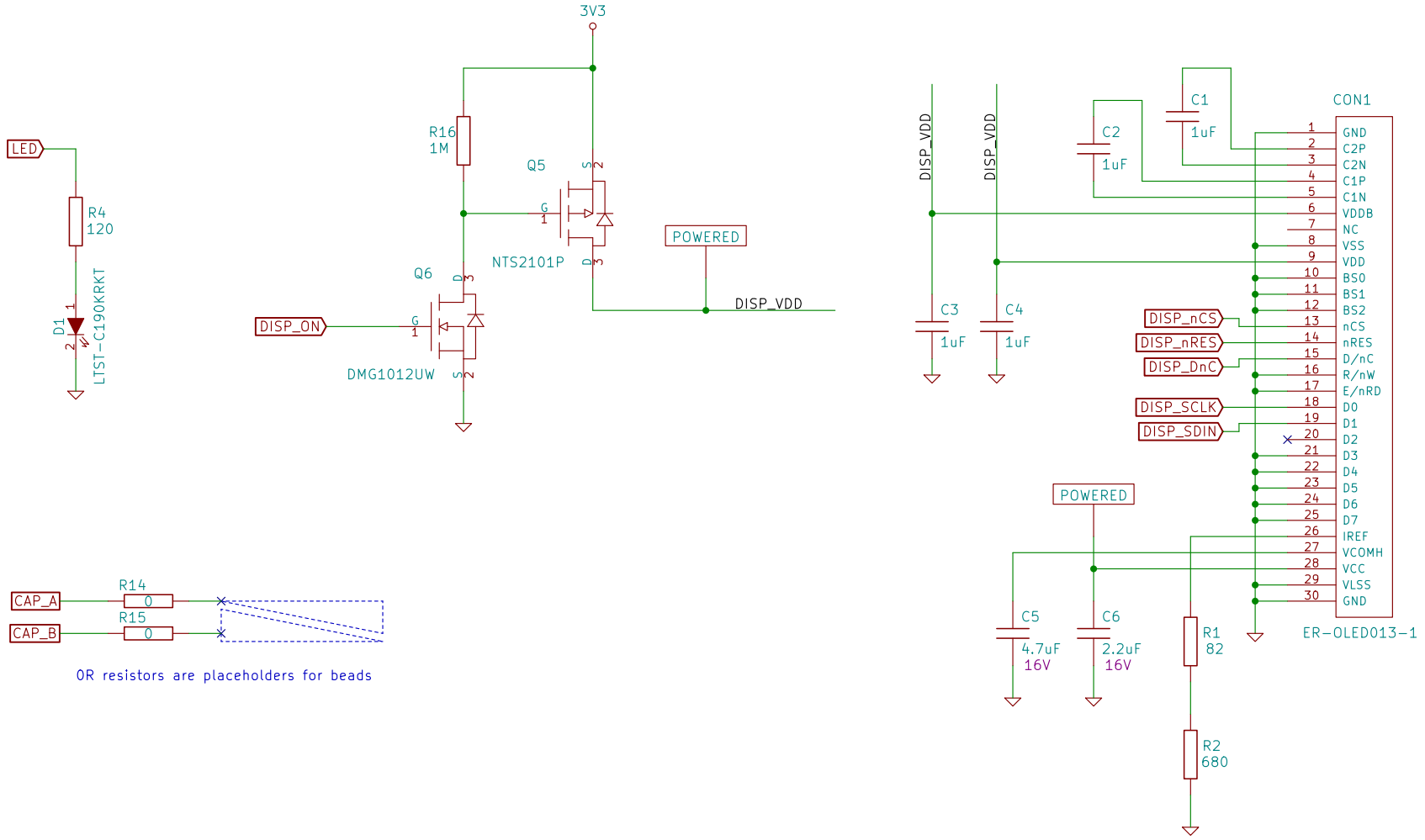
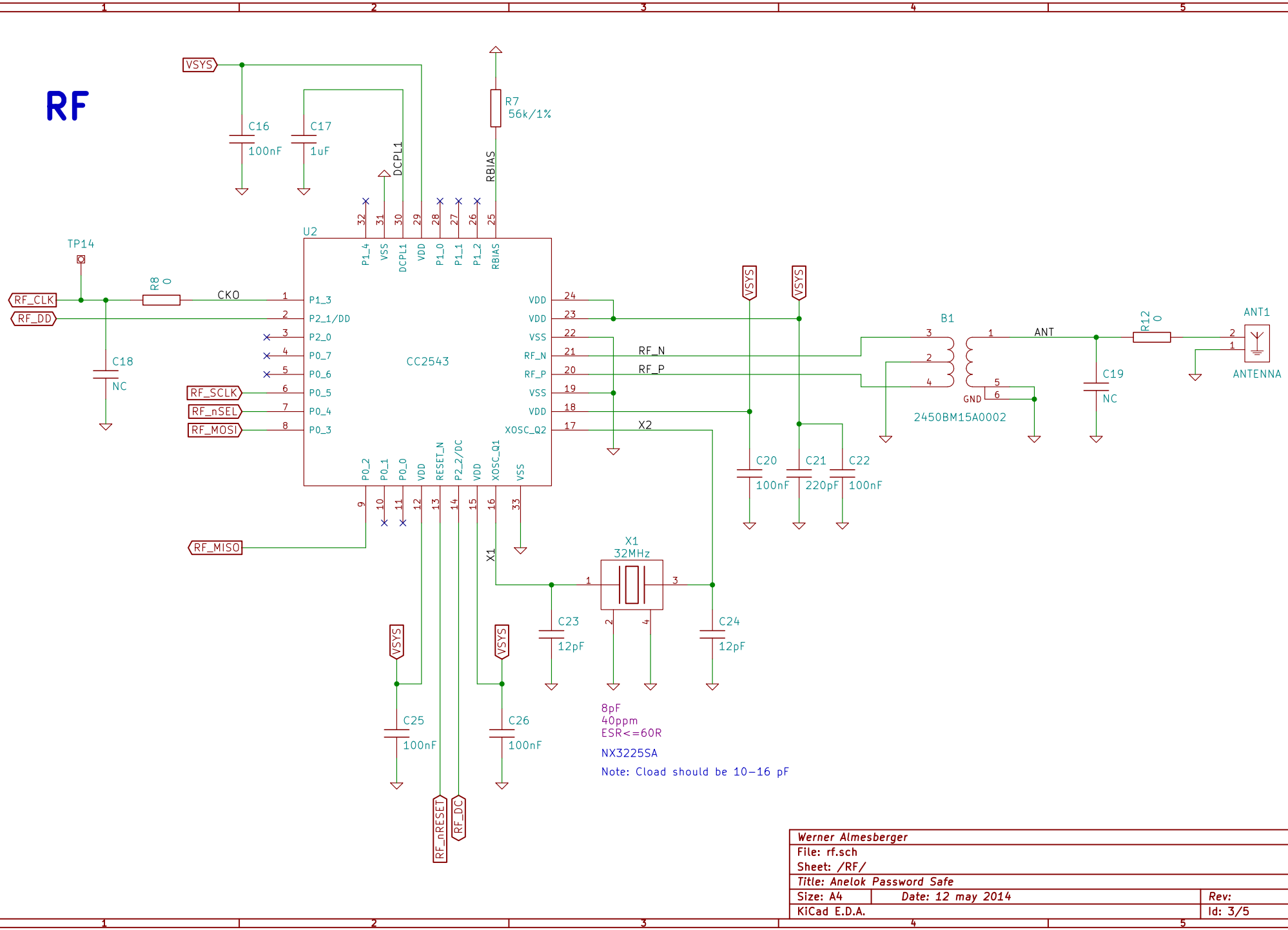


Werner Almesberger		
File: anelok.sch		
Sheet: /		
Title: Anelok Password Safe		
Size: A4	*Date: 12 may 2014*	*Rev:*
KiCad E.D.A.		Id: 1/5

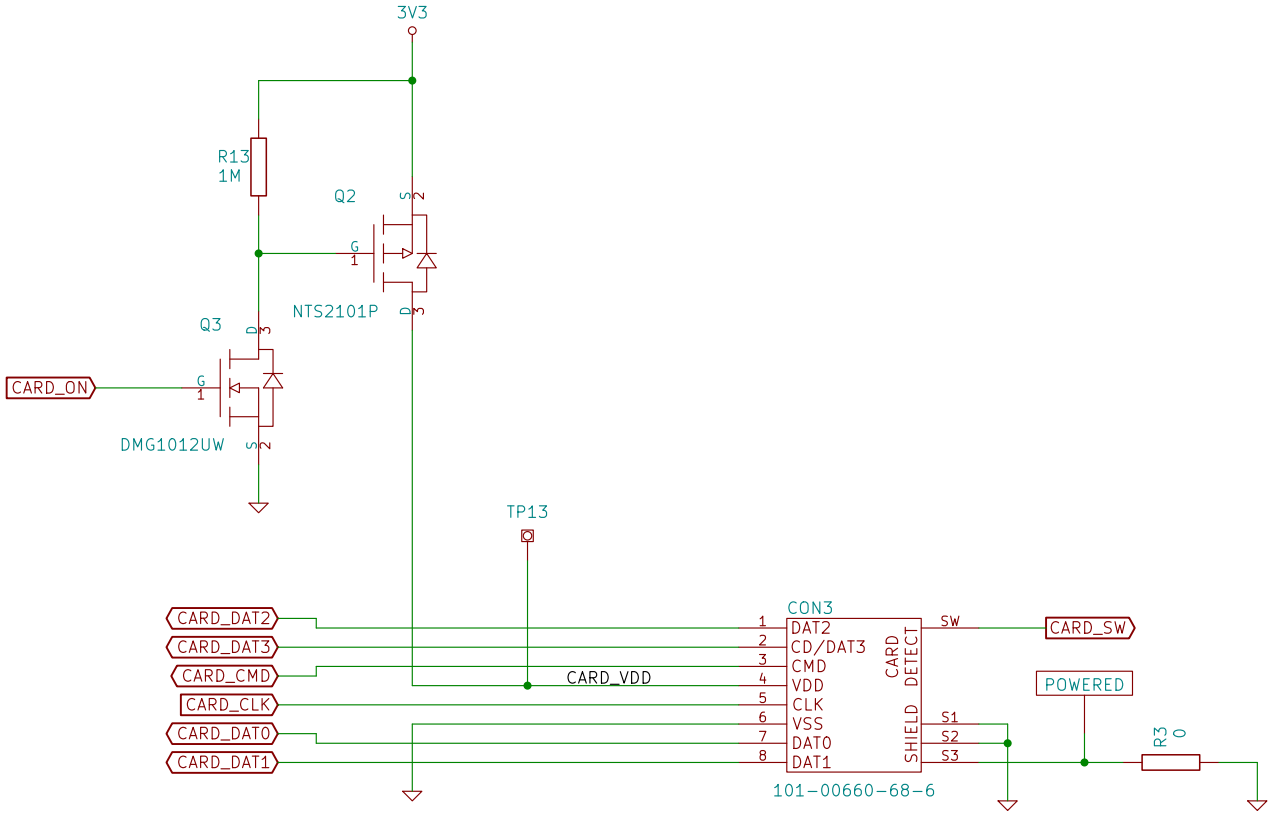
User Interface



Werner Almesberger		
File: user.sch		
Sheet: /User Interface/		
Title: Anelok Password Safe		
Size: A4	Date: 12 may 2014	Rev:
KiCad E.D.A.		Id: 2/5


RF
VSYS
C16
100nF
C17
1uF
R7
56k/1%
RBIAS
DCPL1
U2
P1_4
VSS
DCPL1
VDD
P1_0
P1_1
P1_2
RBIAS
TP14
RF_CLK
RF_DD
R8
0
CKO
P1_3
P2_1/DD
P2_0
P0_7
P0_6
P0_5
P0_4
P0_3
CC2543
RF_SCLK
RF_nSEL
RF_MOSI
C18
NC
VDD
VDD
VSS
RF_N
RF_P
VSS
VDD
XOSC_Q2
RF_N
RF_P
X2
VSYS
VSYS
B1
ANT
R12
0
ANT1
ANTENNA
GND
2450BM15A0002
C19
NC
C20
100nF
C21
220pF
C22
100nF
P0_2
P0_1
P0_0
VDD
RESET_N
P2_2/DC
VDD
XOSC_Q1
VSS
RF_MISO
X1
X1
32MHz
C23
12pF
C24
12pF
C25
100nF
C26
100nF
8pF
40ppm
ESR<=60R
NX3225SA
Note: Cload should be 10-16 pF
RF_nRESET
RF_DC
Werner Almesberger
File: rf.sch
Sheet: /RF/
Title: Anelok Password Safe
Size: A4
Date: 12 may 2014
Rev:
KiCad E.D.A.
Id: 3/5

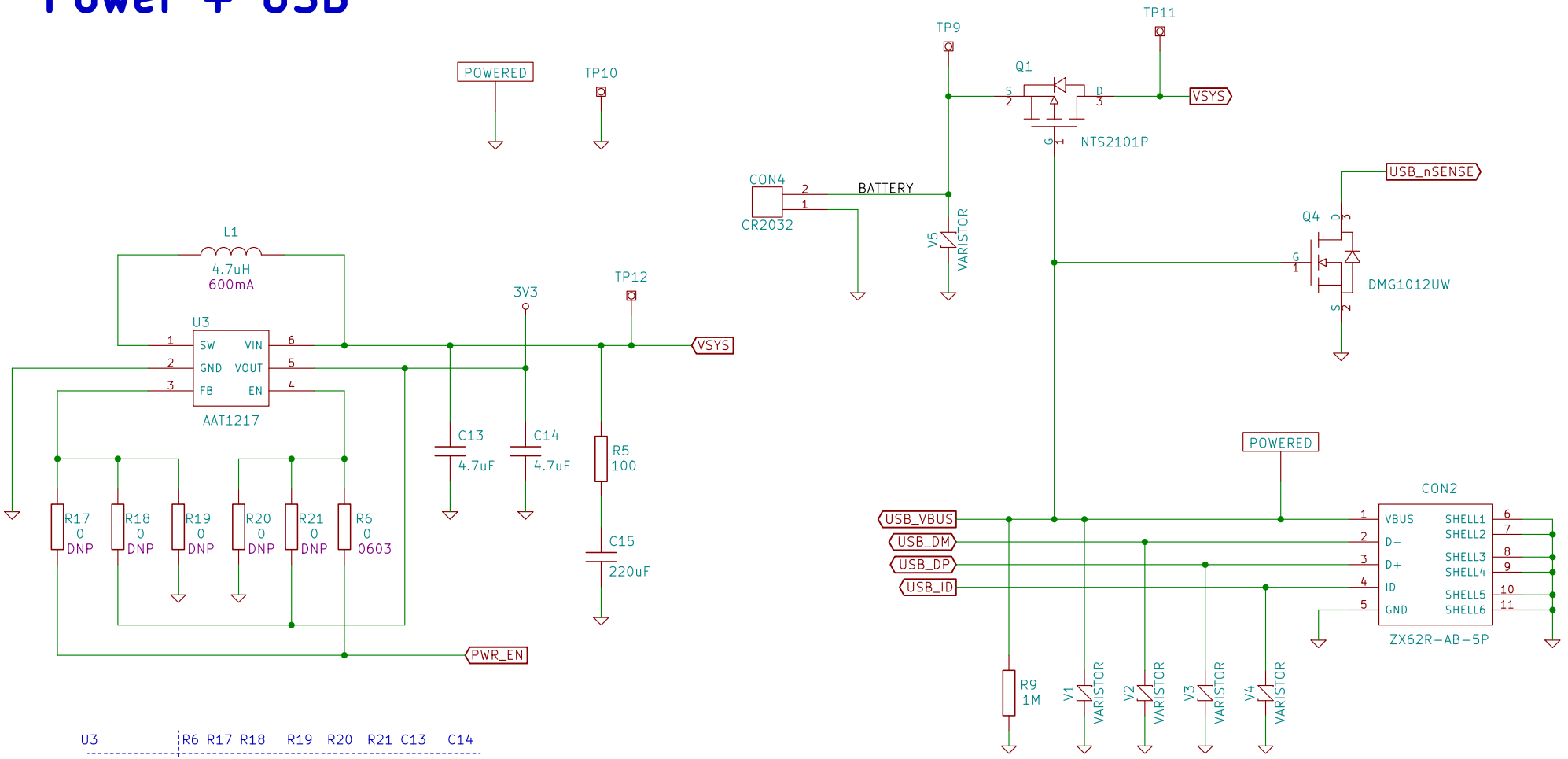
Memory card



CON3	R3 CARD_SW
101-00660-68-6	0R closes
101-00581-59	– opens
693071010811	– opens

Werner Almesberger		
File: memcard.sch		
Sheet: /Memcard/		
Title: Anelok Password Safe		
Size: A4	*Date: 12 may 2014*	*Rev:*
KiCad E.D.A.		Id: 4/5

Power + USB



U3	R6	R17	R18	R19	R20	R21	C13	C14
AAT1217-3.3	0R	–	–	–	–	–	4.7uF	4.7uF
AAT1217-1.2	0R	–	1.02M	604k	–	–	4.7uF	4.7uF
TLV61220	–	0R	–	–	180k	1M	10uF	10uF

Werner Almesberger		
File: power.sch		
Sheet: /Power+USB/		
Title: Anelok Password Safe		
Size: A4	Date: 12 may 2014	Rev:
KiCad E.D.A.		Id: 5/5