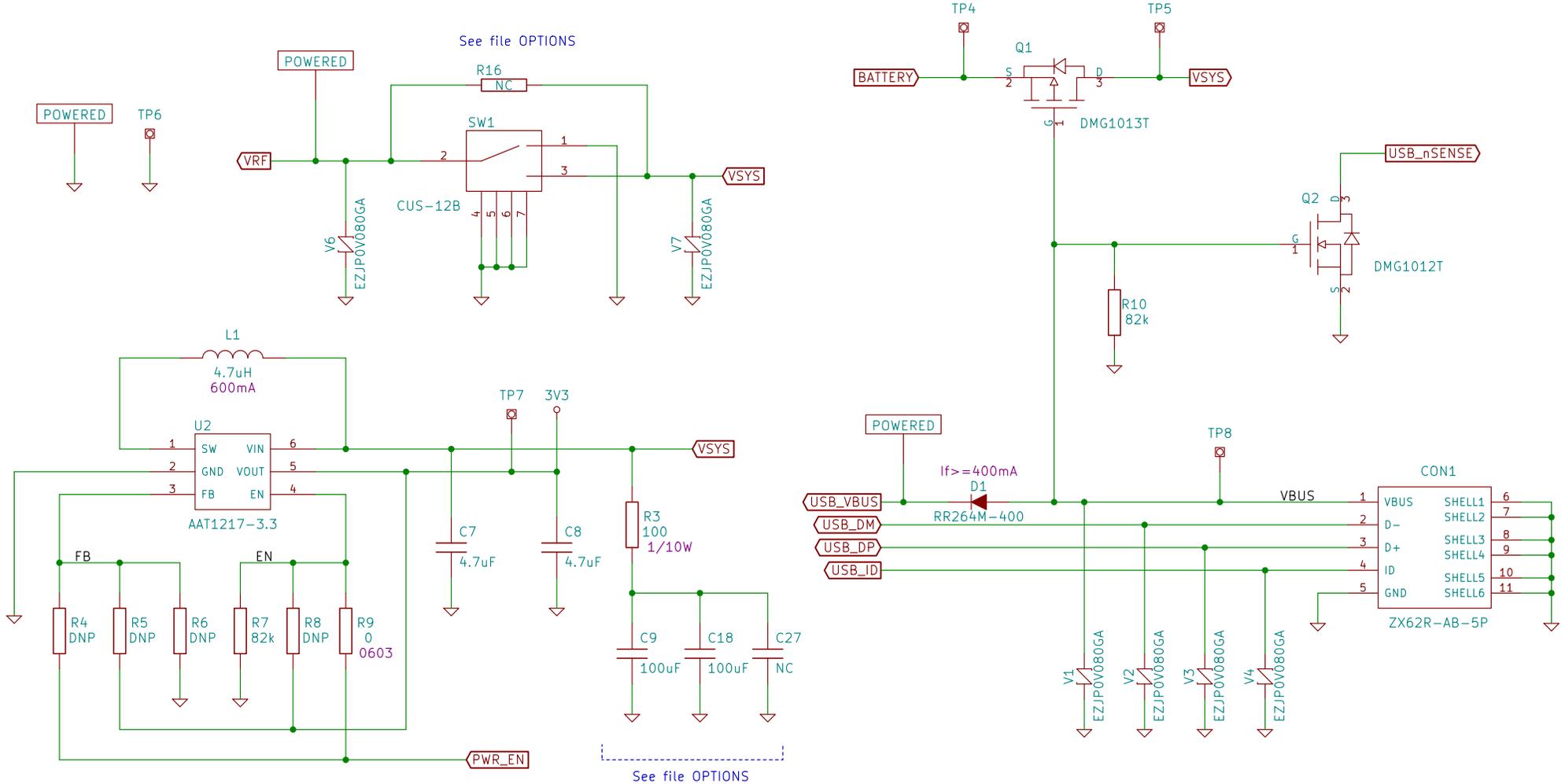


Unless indicated otherwise, all capacitors should be X5R or better (X7R, NP0, etc.)
 Y5V is cheaper but very sensitive to temperature, ages rapidly, etc.

Werner Almesberger	
File: anelok.sch	
Sheet: /	
Title: Anelok Password Safe	
Size: A4	Date: 6 jan 2015
KiCad E.D.A.	Rev: Id: 1/6

Power + USB



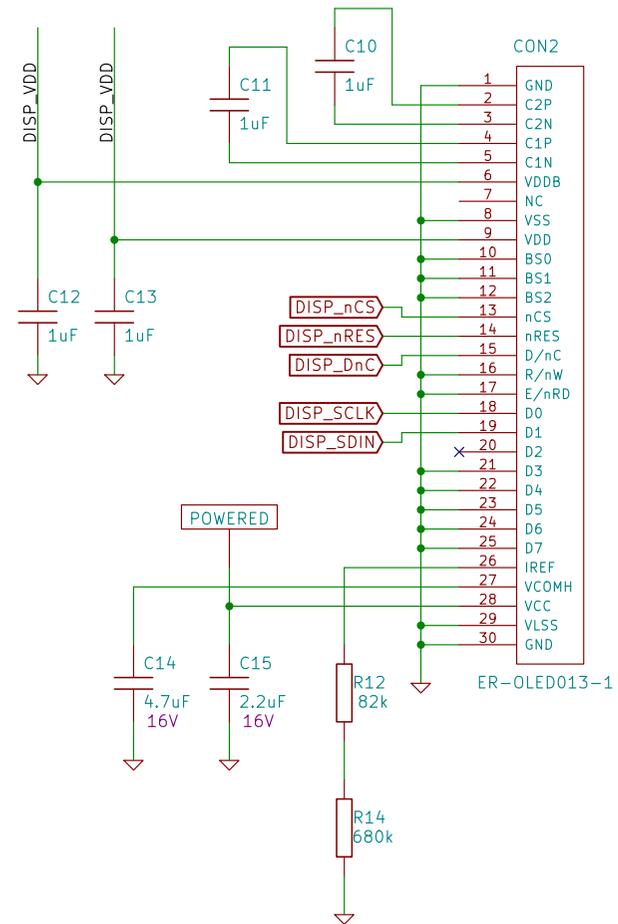
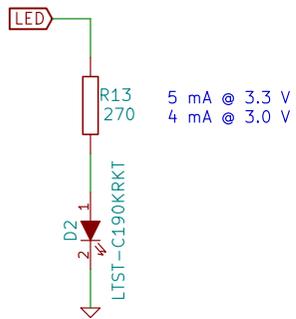
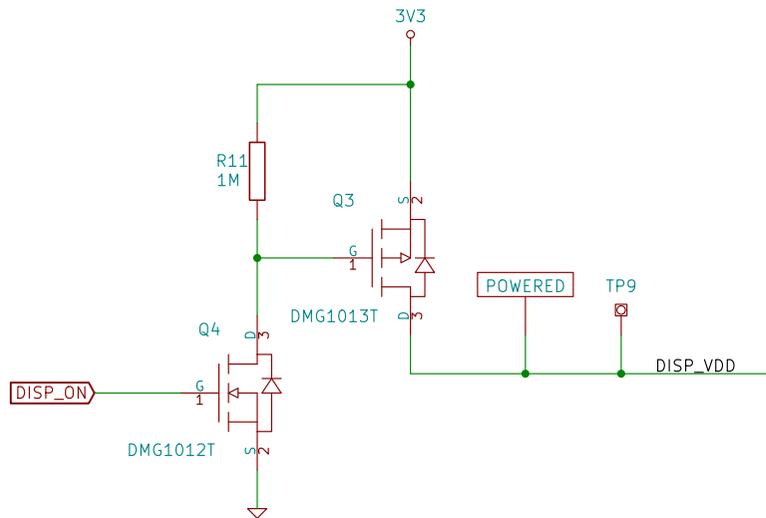
U2	R4	R5	R6	R7	R8	R9	C7	C8
AAT1217-3.3	-	-	-	82k	-	OR	4.7uF	4.7uF
AAT1217-1.2	-	1.02M	604k	82k	-	OR	4.7uF	4.7uF
TLV61220	OR	-	-	180k	1M	-	10uF	10uF

(FB and EN are swapped on TLV61220)

See file OPTIONS

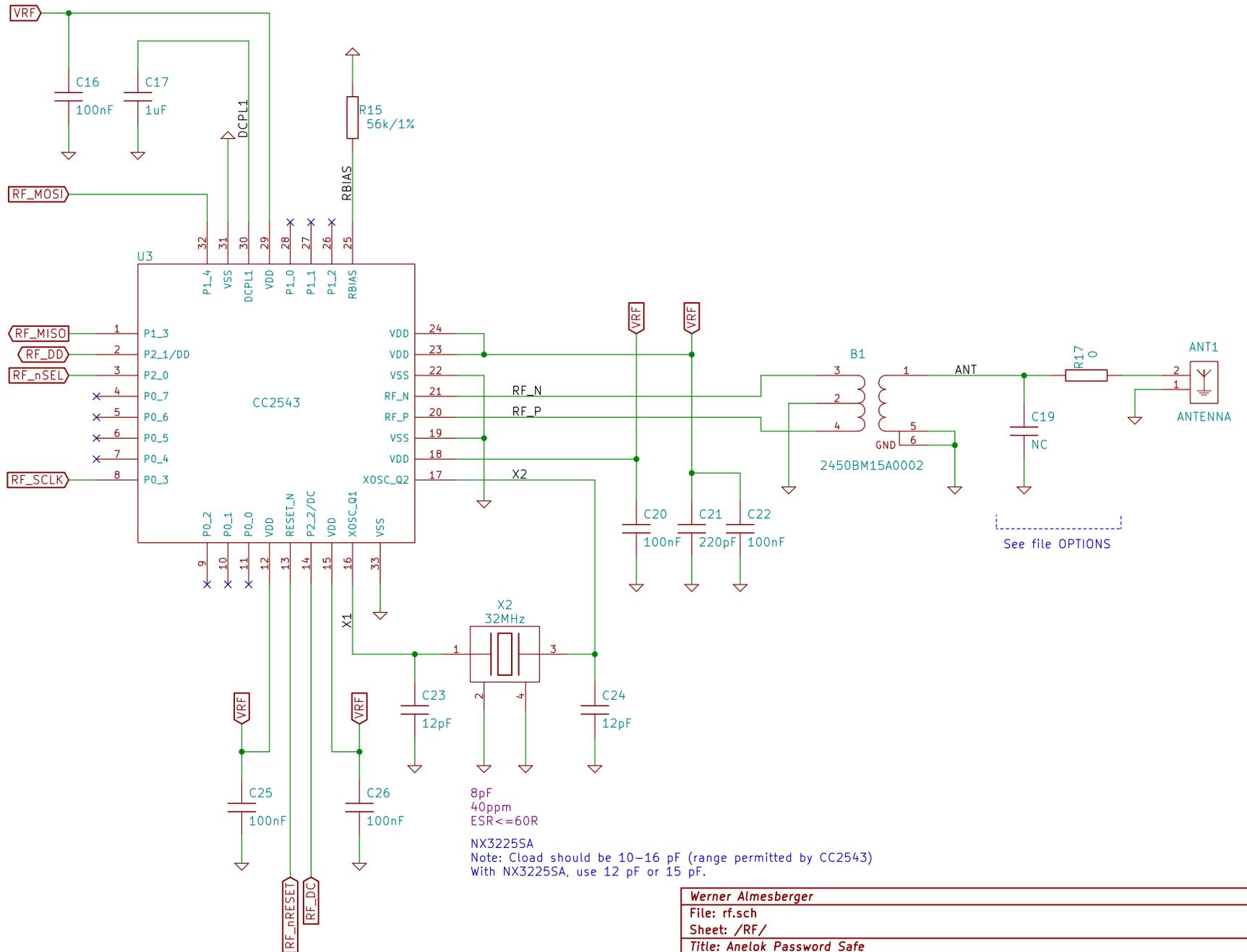
Werner Almesberger	
File: power.sch	
Sheet: /Power+USB/	
Title: Anelok Password Safe	
Size: A4	Date: 6 jan 2015
KiCad E.D.A.	Rev: 2/6

Display



Werner Almesberger	
File: disp.sch	
Sheet: /Display/	
Title: Anelok Password Safe	
Size: A4	Date: 15 aug 2014
KiCad E.D.A.	Rev: 3/6

RF

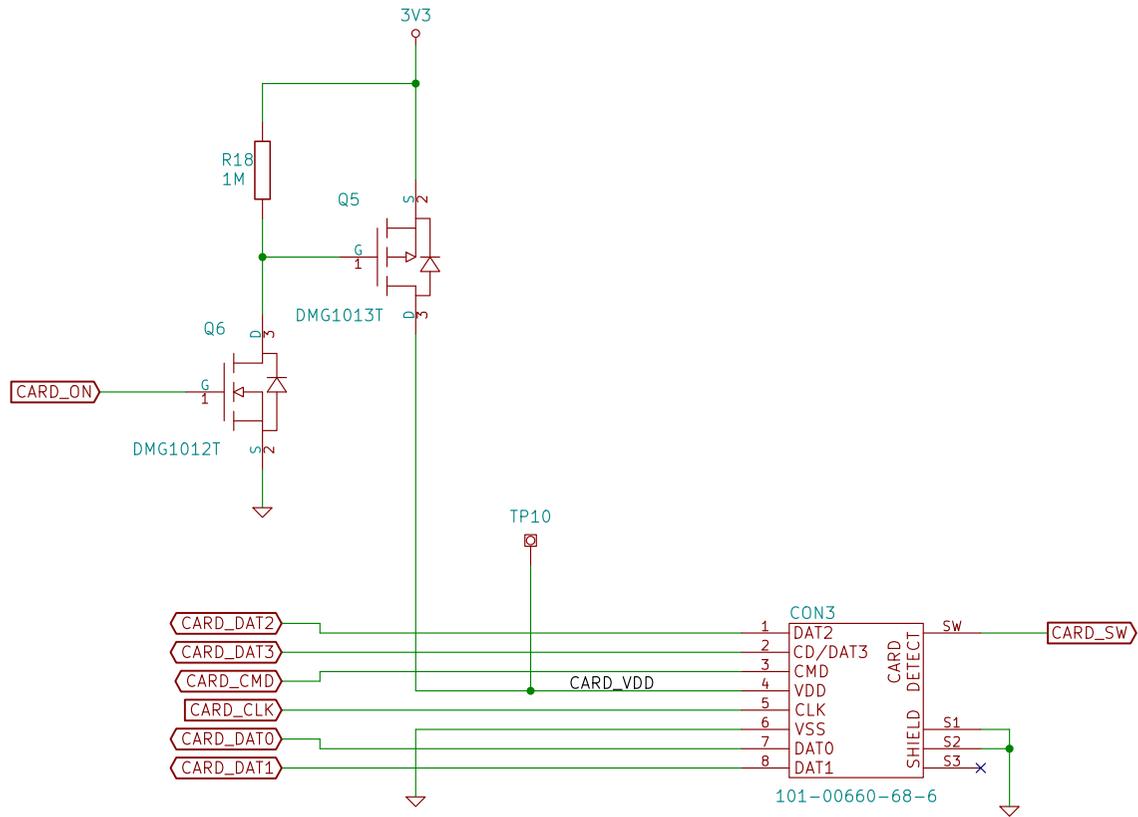


8pF
40ppm
ESR<=60R
NX3225SA
Note: Cloud should be 10-16 pF (range permitted by CC2543)
With NX3225SA, use 12 pF or 15 pF.

See file OPTIONS

Werner Almesberger	
File: rf.sch	
Sheet: /RF/	
Title: Anelok Password Safe	
Size: A4	Date: 15 aug 2014
KiCad E.D.A.	Rev: Id: 4/6

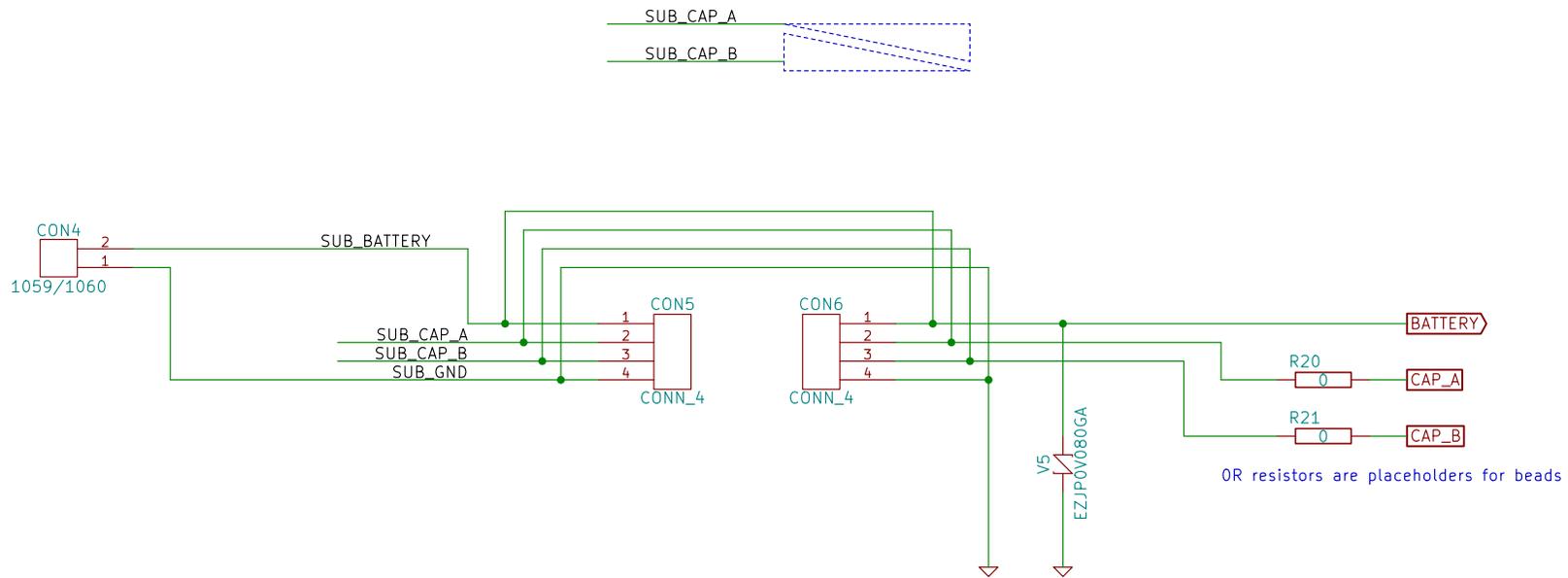
Memory card



CON3	CARD_SW
101-00660-68-6	closes
101-00581-59	opens
693071010811	opens

Werner Almesberger	
File: memcard.sch	
Sheet: /Memcard/	
Title: Anelok Password Safe	
Size: A4	Date: 12 jul 2014
KiCad E.D.A.	Rev: Id: 5/6

Sub-board



File: sub.sch	
Sheet: /Sub-board/	
Title:	
Size: A4	Date: 5 jan 2015
KiCad E.D.A.	Rev: 6/6