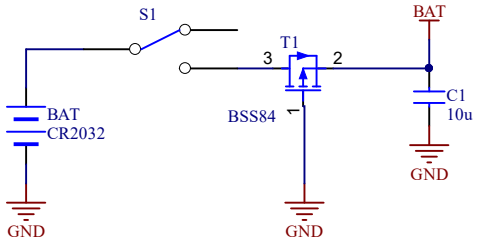
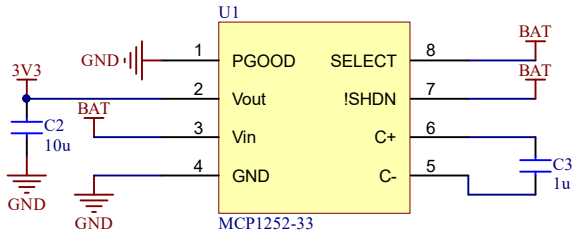
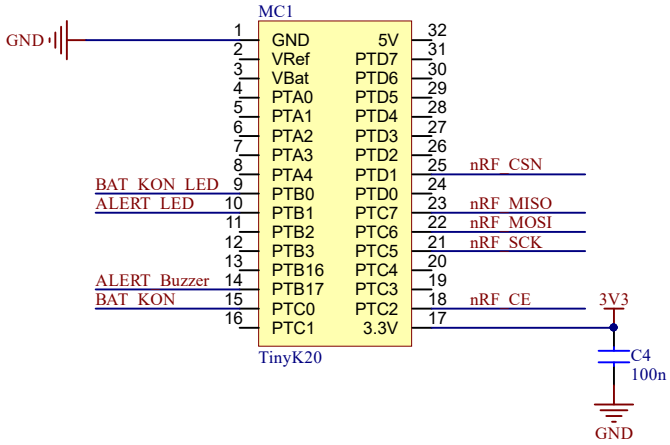
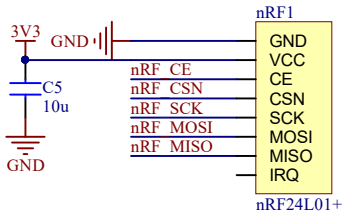




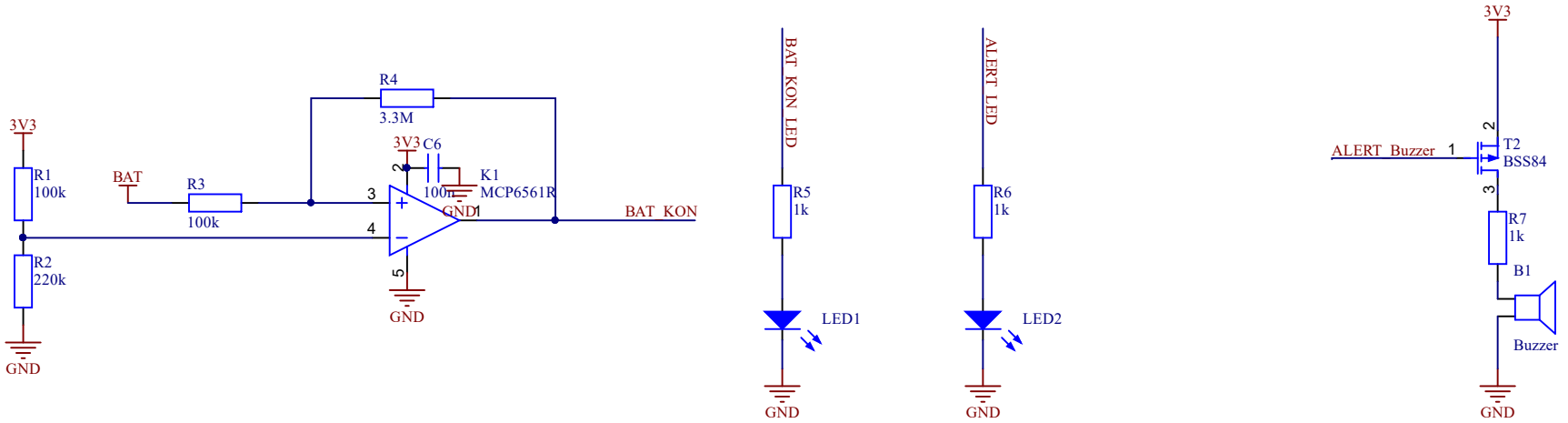
Keyfinder Power		
Project: SmartBoard	Size: A4	Rev.: v1
Drawn by: M. Schwegler	Sheet 1 of 4	
Date: 04.04.2017 File: Keyfinder_Power.SchDoc		



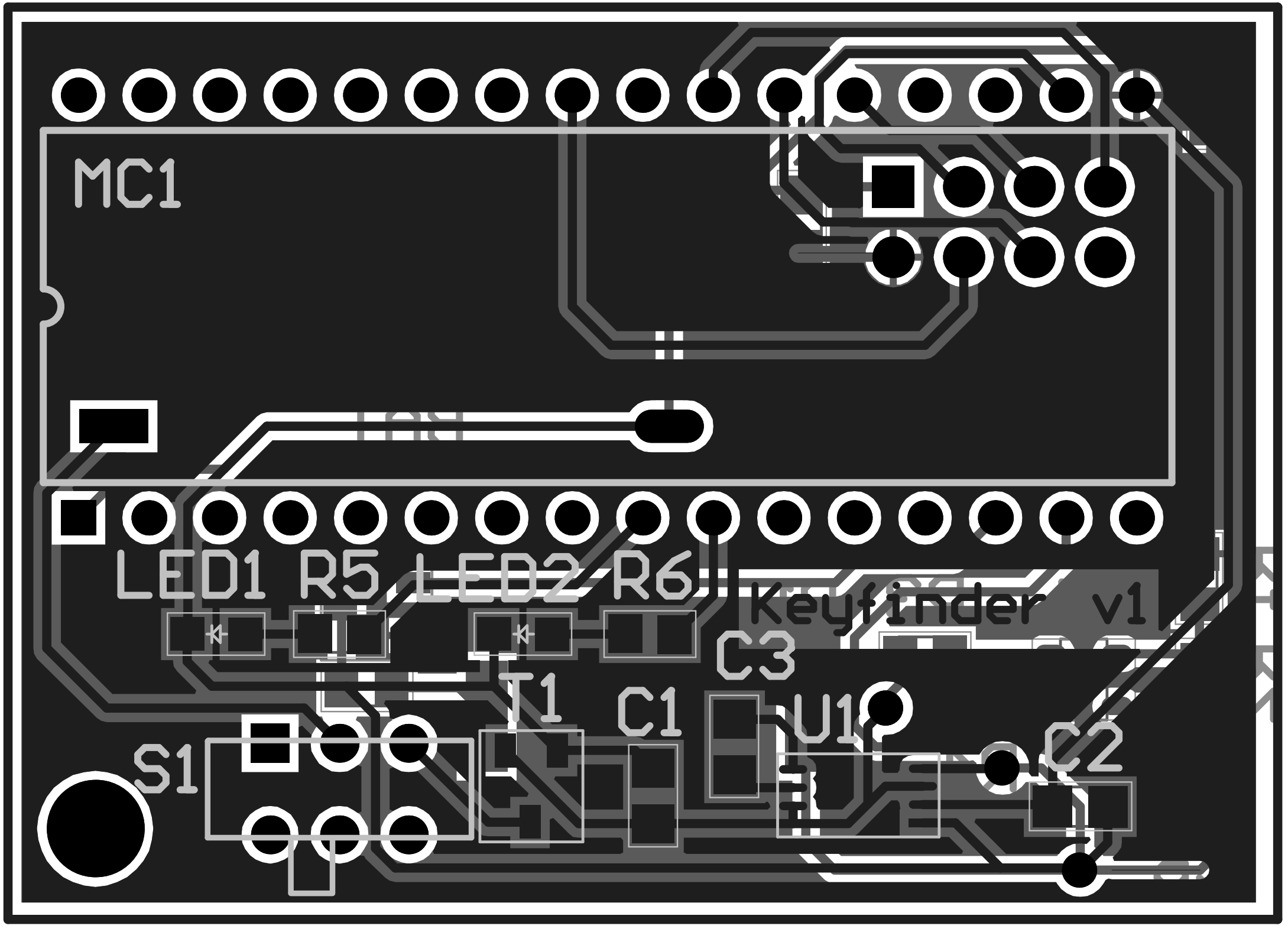
Keyfinder MCU and nRF24L01+		
Project: SmartBoard	Size: A4	Rev.: v1
Drawn by: M. Schwegler	Sheet 2 of 4	
Date: 04.04.2017 File: Keyfinder_MCU.SchDoc		



Keyfinder nRF24L01+		
Project: SmartBoard	Size: A4	Rev.: v1
Drawn by: M. Schwegler	Sheet 3 of 4	
Date: 04.04.2017 File: Keyfinder_RF.SchDoc		



Keyfinder Alert		
Project: SmartBoard	Size: A4	Rev.: v1
Drawn by: M. Schwegler	Sheet 4 of 4	
Date: 04.04.2017 File: Keyfinder_Alert.SchDoc		


MC1
LED1
R5
LED2
R6
Keyfinder v1
C3
T1
C1
U1
C2
S1

Comment	Description	Designator	Footprint	LibRef	Quantity
Buzzer		B1	piezo_ele	SPEAKER	1
CR2032		BAT	Bat_case	BATTERY	1
10u	Normaler Kondensator	C1, C2, C5	0805_C	C?	3
1u	Normaler Kondensator	C3	0805_C	C?	1
100n	Normaler Kondensator	C4, C6	0805_C	C?	2
MCP6561R		K1	SOT23-5	OPAMP	1
Value		LED1, LED2	0805_LED	LED	2
TinyK20		MC1	DIP32	TinyK20	1
nRF24L01+		nRF1	CON_THT_2x4P_RM2.54_Stiftl	Bluefruit	1
100k	Normaler Widerstand	R1, R3	0805_R	R?	2
220k	Normaler Widerstand	R2	0805_R	R?	1
3.3M	Normaler Widerstand	R4	0805_R	R?	1
1k	Normaler Widerstand	R5, R6, R7	0805_R	R?	3
SW SPDT		S1	SW_MCLSS22	SW SPDT	1
BSS84	MOSFET-P 1G,2D,3S (Diode), MOSFET-P 1D,2G,3S	T1, T2	SOT23-3	MOSFET-P 1G,2D,3S (Diode), MOSFET-P 1D,2G,3S	2
MCP1252-33		U1	MSOP8	VOLTREG	1