

## Keyfinder Power

Project: SmartBoard

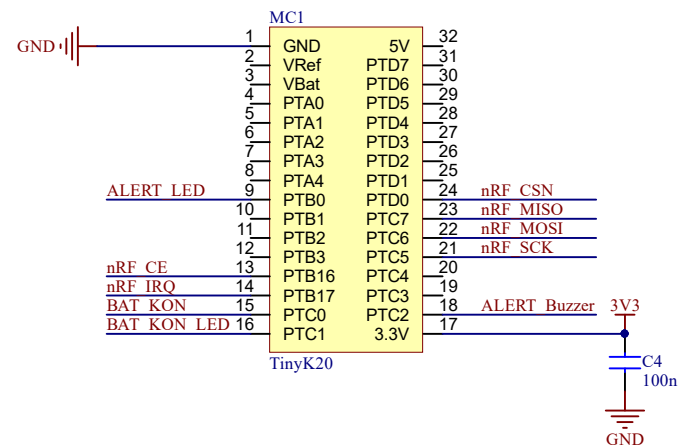
Size: A4 Rev.: v1

Drawn by: M. Schwegler

Sheet 1 of 4

Date: 20.03.2017

File: Keyfinder Power.SchDoc



## Keyfinder MCU

Project: SmartBoard

Size: A4

Rev.: v1

Drawn by: M. Schwegler

Sheet 2 of 4

Date: 20.03.2017

File: Keyfinder TinyK20.SchDoc

1

2

3

4

A

A

B

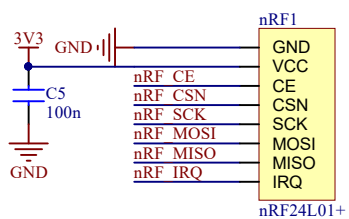
B

C

C

D

D



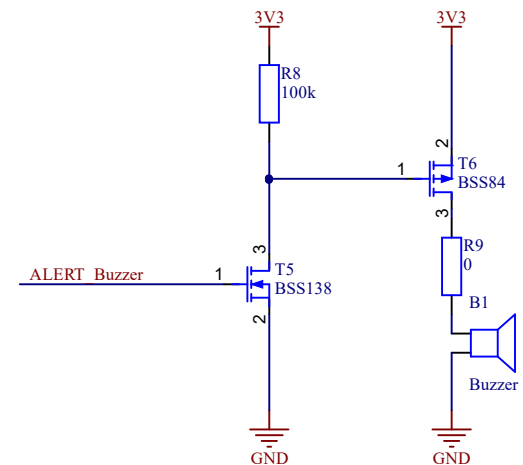
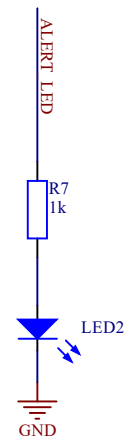
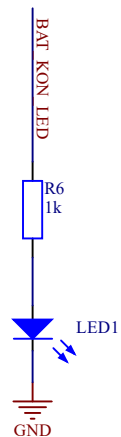
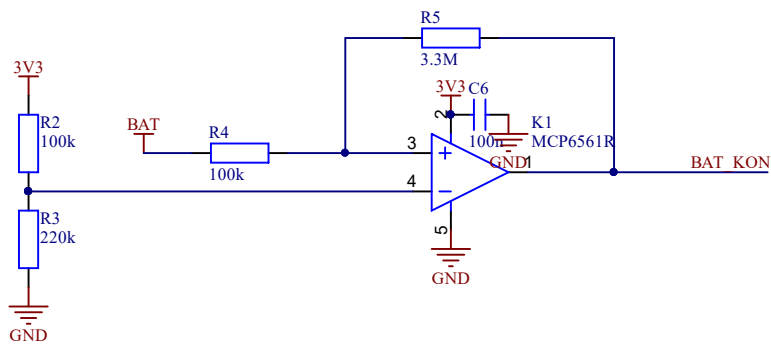
<b>Keyfinder nRF24L01+</b>			
Project: <a href="#">SmartBoard</a>	Size: <a href="#">A4</a>	Rev.: <a href="#">v1</a>	
Drawn by: <a href="#">M. Schwegler</a>	Sheet <a href="#">3</a>	of <a href="#">4</a>	
Date: <a href="#">20.03.2017</a>	File: <a href="#">Keyfinder RF.SchDoc</a>		

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4



## Keyfinder Alert

Project: SmartBoard

Size: A4

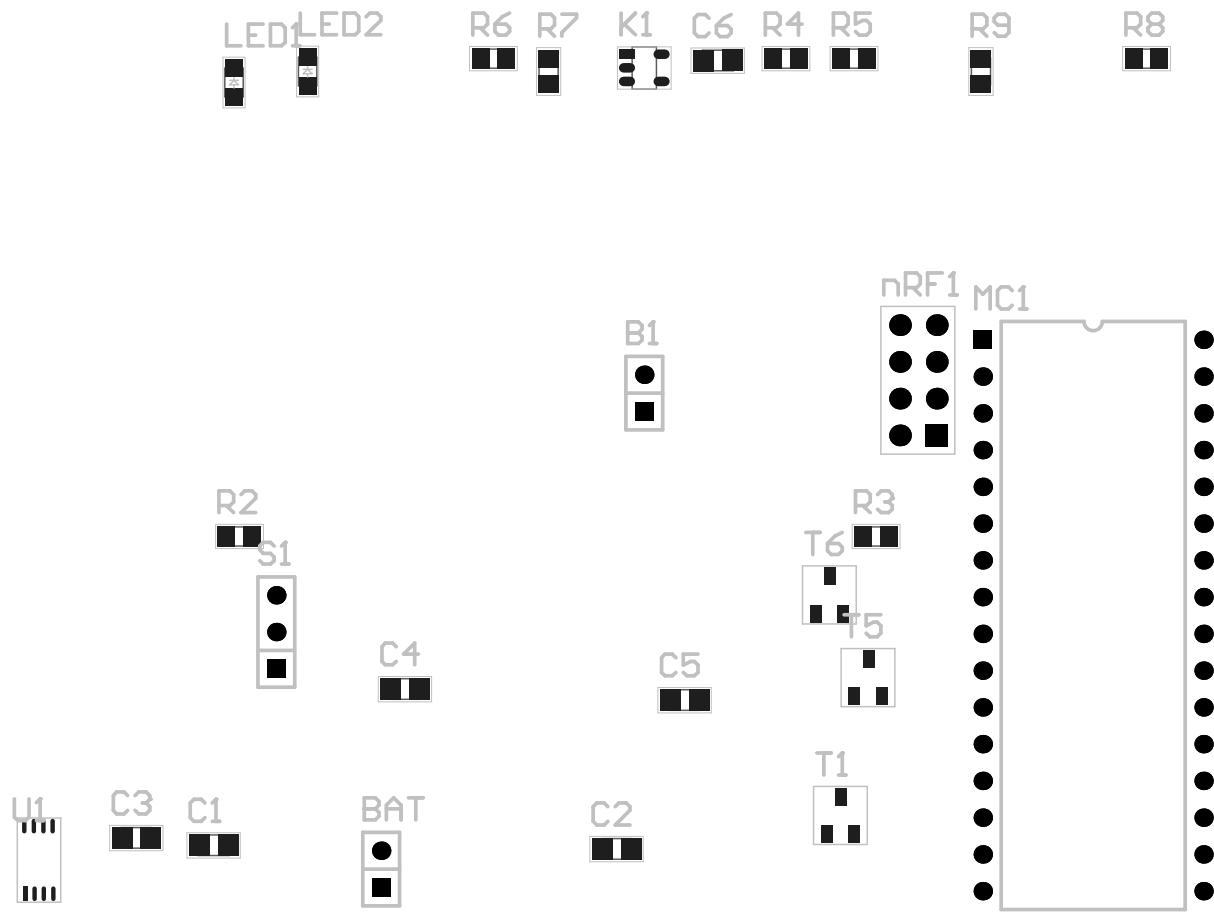
Rev.: v1

Drawn by: M. Schwegler

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Date: 20.03.2017

File: Keyfinder Alert.SchDoc



Comment	Description	Designator	Footprint	LibRef	Quantity
Buzzer		B1	SIP2	SPEAKER	1
CR2032		BAT	SIP2	BATTERY	1
10u	Normaler Kondensator	C1, C2	0805_C	C?	2
1u	Normaler Kondensator	C3	0805_C	C?	1
100n	Normaler Kondensator	C4, C5, C6	0805_C	C?	3
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	R2, R4, R8	0805_R	R?	3
220k	Normaler Widerstand	R3	0805_R	R?	1
3.3M	Normaler Widerstand	R5	0805_R	R?	1
1k	Normaler Widerstand	R6, R7	0805_R	R?	2
0	Normaler Widerstand	R9	0805_R	R?	1
SW SPDT		S1	SIP3	SW SPDT	1
BSS84	MOSFET-P 1G,2D,3S (Diode), MOSFET-P 1D,2G,3S	T1, T6	SOT23-3	MOSFET-P 1G,2D,3S (Diode), MOSFET-P 1D,2G,3S	2
BSS138	MOSFET-N 1D,2G,3S	T5	SOT23-3	MOSFET-N 1D,2G,3S	1
MCP1252-33		U1	MSOP8	VOLTREG	1