

## Keyfinder Power

Project: SmartBoard

Size: A4

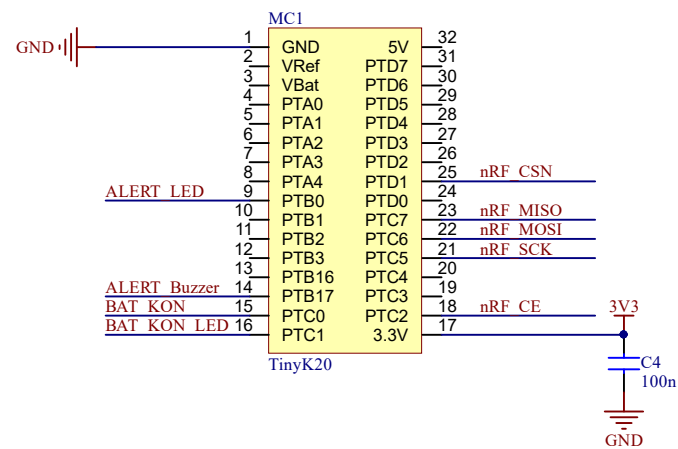
Rev.: v1

Drawn by: M. Schwegler

Sheet 1 of 4

Date: 27.03.2017

File: Keyfinder Power.SchDoc



## Keyfinder MCU and nRF24L01+

Project: SmartBoard

Size: A4

Rev.: v1

Drawn by: M. Schwegler

Sheet 2 of 4

Date: 27.03.2017

File: Keyfinder TinyK20.SchDoc

1

2

3

4

A

A

B

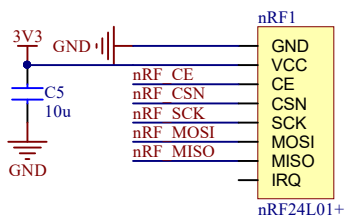
B

C

C

D

D



### Keyfinder nRF24L01+

Project: SmartBoard

Size: A4

Rev.: v1

Drawn by: M. Schwegler

Sheet 3 of 4

Date: 27.03.2017

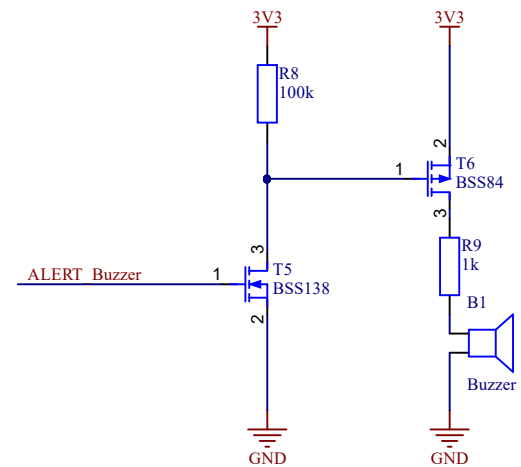
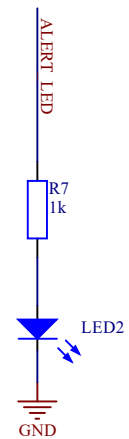
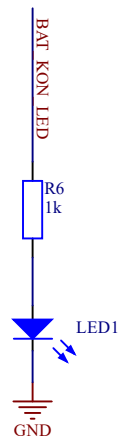
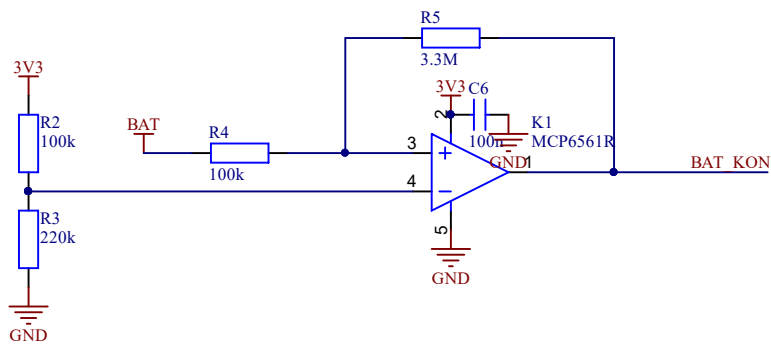
File: Keyfinder RF.SchDoc

1

2

3

4



## Keyfinder Alert

Project: SmartBoard

Size: A4

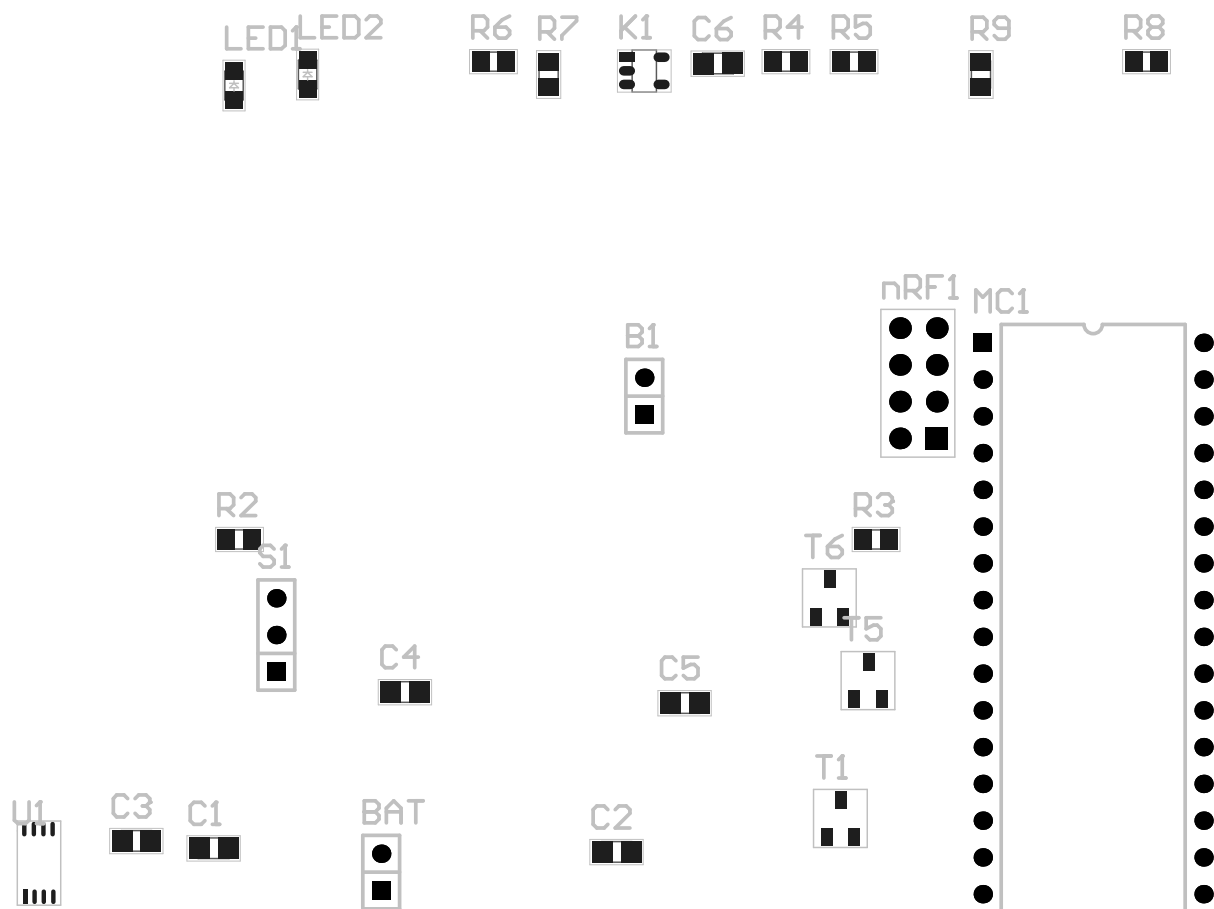
Rev.: v1

Drawn by: M. Schwegler

Sheet 4 of 4

Date: 27.03.2017

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, 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	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, R9	0805_R	R?	3
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