

Keyfinder Power

Project: SmartBoard

Size: A4 Rev.: v1

Drawn by: M. Schwegler

Sheet 1 of 2

Date: 13.03.2017

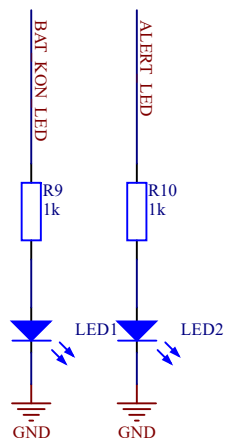
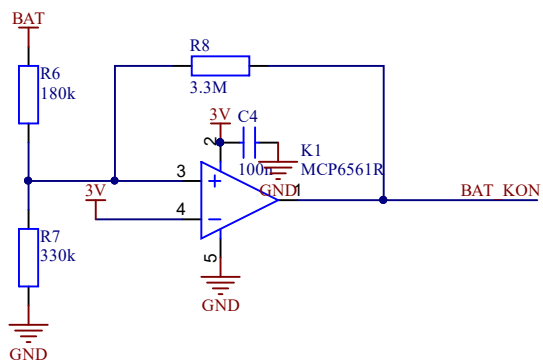
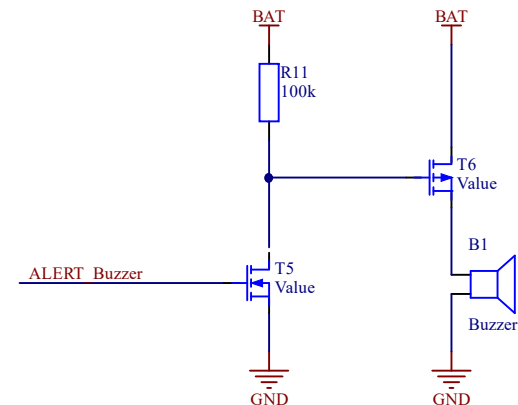
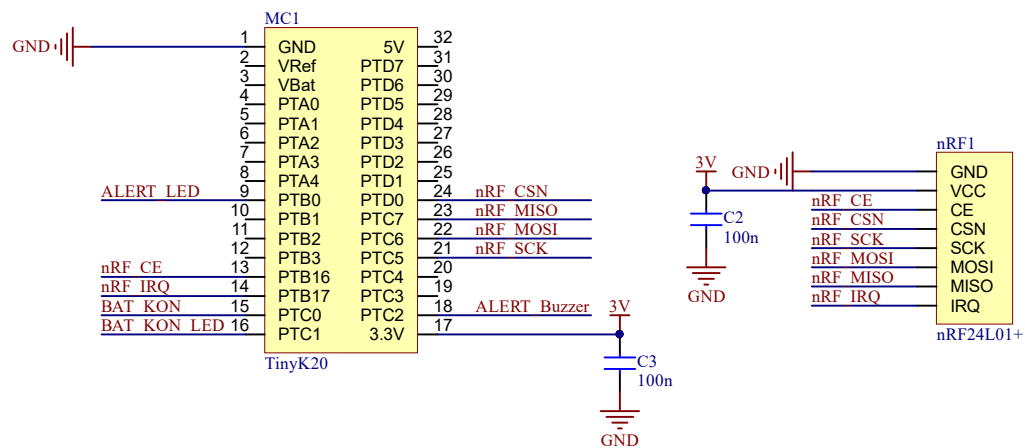
File: Keyfinder Power.SchDoc

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Comment	Description	Designator	Footprint	LibRef	Quantity
Buzzer		B1		SPEAKER	1
9V		BAT	SIP2	BATTERY	1
100n	Normaler Kondensator	C1, C2, C3, C4	0805_C	C?	4
MCP6561R		K1	SOT23-5	OPAMP	1
Value		LED1, LED2	LED_THT_3mm_RM_2.54mm	LED	2
TinyK20		MC1	DIP32	TinyK20	1
nRF24L01+		nRF1	CON_THT_2x4P_RM2.54_Stiftl	Bluefruit	1
1.5M	Normaler Widerstand	R1	0805_R	R?	1
1M	Normaler Widerstand	R2, R3	0805_R	R?	2
100k	Normaler Widerstand	R4, R11	0805_R	R?	2
150k	Normaler Widerstand	R5	0805_R	R?	1
180k	Normaler Widerstand	R6	0805_R	R?	1
330k	Normaler Widerstand	R7	0805_R	R?	1
3.3M	Normaler Widerstand	R8	0805_R	R?	1
1k	Normaler Widerstand	R9, R10	0805_R	R?	2
SW SPST		S1	SIP2	SW SPST	1
ZVP2106	MOSFET-P 1G,2D,3S (Diode)	T1	TO-92	MOSFET-P 1G,2D,3S (Diode)	1
BF256B	N-channel junction fet	T2	TO-92	J? JFET-N	1
BC548B	NPN Bipolar Transistor	T3, T4	TO-92	Q? NPN	2
Value	MOSFET-N 1D,2G,3S, MOSFET-P 1D,2G,3S	T5, T6		MOSFET-N 1D,2G,3S, MOSFET-P 1D,2G,3S	2
TL431	Voltage Shunt Ref. Adjust	U1	SOT23-3	LM4041ADJ	1