

## Bill of Materials

Name	Value	Quantity	Package	Links
C1	470n	1	0805	?
C3	10u	1	0805	
C4, C6	20p	2	0805	
C5, C7, C8, C10	100n	1	0805	
C9	1u	1	0805	
ESP8266-12E (WLAN)	ESP8266-12E	1	ESP8266-12E	ebay.de
IRF7301.S/W	NPN	2	SO8	
JP1, PHD (Pinheader)		9	SMD, 2.54 mm	
LM3940	5V to 3.3V	1	DDPACK	
QUARZ	8 MHz	1	HC49-SMD	
R1, R6	100k	2	0805	
R2, R3	150	2	0805	
R4, R7, R8, R12	10k	4	0805	
R9, R10	1.8k	2	0805	
R11	390	1	0805	
STM32L051C8T6		1	LQFP48	
T1	33u Tantal	1	1206	
KZH_20SMD (Battery)		1	KZH_20SMD	

Tabelle 1: BOM SensorPCB Version 1.0