

Prototype for jordfugt Sensor print V4 Revised: Thursday, April 20, 2017
Revision: S4

Bill Of Materials May 4,2017 11:31:27

Item	Qty	Reference	Value	Footprint	Price (Queted 1000) Digikey
1	1	ANT1			5.441
2	8	C6,C23,C26,C27,C28,C32,C35,C38	100n	402	0.095
3	3	C12,C18,C40	1u	805	0.112
4	1	C13	2.7pF	603	0.101
5	1	C14	5.1pF	603	0.167
6	1	C15	68pF	603	0.177
7	1	C19	2.2uF	1206	0.638
8	1	C20	10nF	603	0.095
9	1	C21	220pF	603	0.176
10	1	C31	4.7uF	603	0.200
11	2	C33,C34	470pF	402	0.156
12	1	C36	3.3uF	603	0.112
13	1	C37	100nF	402	0.095
14	1	C39	10n	402	0.095
15	1	D4	BPW96B	led5mm	2.28
16	1	D6	BAT54S/PLP	SOT23_ksn	0.316
17	1	F2	FUSE 250mA	1206	1.235
18	1	J6	PROG	conn6_pl	
19	1	J7	2AAA-BAT	2AAABAT	5.31
20	1	L1	390nH	603	0.504
21	1	L2	33nH	603	0.504
22	1	L3	47nH	603	0.490
24	1	Q11	DMN2046U	sot23_ksn	0.598
25	3	R1,R14, R15	4.7K	805	0.020
26	1	R16	67k7	805	0.020
27	1	R17	10k	805	0.020
28	1	R20	330	805	0.020
29	1	R21	171	805	0.020
30	1	R22	33k	805	0.020
31	4	R23,R24,R28,R29	100k	805	0.020
32	1	R30	976K	805	0.020
33	1	R31	562K	805	0.020
34	1	R33	220	805	0.020
35	1	R34	1k	805	0.020
36	1	SW1	Connect	SW_2P	0.820
37	1	U4	ATMEGA8L-8AUR tqfp32		14.31
38	1	U6	MRF49XA	tssop16	13.0
39	1	U7	TMP75B	8VSSOP	4.83
40	1	U8	MCP6562	SOIC8	3.86
41	1	U10	SN74AHC86	sot23-5	0.834
42	1	U12	TL972	SOIC8	5.91
43	1	U13	MCP1640B	sot23-6	4.14
44	1	Y2	CRYSTAL 10MHz	ABM3B	5.40
45	1	Plastikboks			10.00
				TOTAL:	82.54