

### Parts List (M1508)

No.	Name	Description	Location	Qty.
1	Capacitor	CAP 0.1uF ±10% 0201 X5R 10V SMD	C1, C3, C12, C15, C16, C17, C19, C20, C21, C25, C36, C37	12
2	Capacitor	CAP 1uF ±10% 0201 X5R 6.3V SMD	C14	1
3	Capacitor	CAP 22pF ±5% 0201 C0G 25V SMD	C9, C10	2
4	Capacitor	CAP 2.2uF ±20% 0402 X5R 6.3V SMD	C23	1
5	Capacitor	CAP 10uF ±20% 0603 X5R 6.3V SMD	C7, C18	2
6	Bead	120R/100M 0402 Bead	L7	1
7	Inductor	10uH 0805	L5	1
8	Capacitor	MURATA CAP 1.0pF ±0.05pF 0402 C0G 50V SMD	C4, C8	2
9	Capacitor	MURATA CAP 2.2pF ±0.05pF 0402 C0G 50V SMD	C42	1
10	Capacitor	MURATA CAP 10pF ±2% 0402 C0G 50V SMD	C41	1
11	IC	1MB SPI flash, USON8 2*3mm, 2.3-3.6v	U16	1
12	IC	ST A+G sensor LGA-14L	U15	1
13	IC	3x Magnetometer	U4	1
14	Resistor	RES 2.2K ±5% 0402 SMD	R1, R2	2
15	Resistor	RES 100K ±5% 0201 SMD	R3, R5, R20	3
16	IC	CC2640 4*4mm 32QFN 128K flash	U14	1
17	XTAL	24MHz Crystal 2.0x1.6mm 8pF RF +/-10*10 <sup>-6</sup>	Y2	1
18	Diode	RED 0402 SMD LED	D4	1
19	Battery	Battery CR2032 3v 240mAh		1
20	Capacitor	MURATA CAP 6.8pF ±0.5pF 0402 C0G 50V SMD	C2	1
21	Resistor	RES 200ohm ±1% 0201 SMD	R6	1
22	XTAL	32.768kHz Crystal (FC-12M 12.5PF 20PPM)	Y1	1
23	Inductor	MURATA 2n4H 0402 SMD	L1,L6	2
24	Inductor	MURATA 6n8H 0402 SMD	L3	1
25	Resistor	RES 0ohm ±5% 0402 SMD	R40	1
26	Key	ALPS SMD TACT Key SKRMABE010	SW1	1