

QTY	REF DES	VALUE	Detail	SUPPLIER	PART NUMBER
1	C1	10pF	Capacitor, 10pF 5% COG, 0402 SMT	TDK	C1005C0G1H100DT
1	C2	0.01uF	Capacitor, .01uF 10% X7R, 0402 SMT	TDK	C1005X7R1E103KT
1	C3	47pF	Capacitor, 47pF 5% COG, 0402 SMT	TDK	C1005C0G1H470JT
1	C6	O OHM RESISTOR	Resistor, 0 Ohm, 0402 SMT	Vishay	CRCW04020.0ZOED
2	C8, C10	100pF	Capacitor, 100pF 5% COG, 0402 SMT	TDK	C1005C0G1H101JT
2	C9, C11	.1uF	Capacitor, .1uF 10% X7R, 0402 SMT	TDK	C1005X7R1E103KT
1	C12	220pF	Capacitor, 220pF 5% COG, 0402 SMT	TDK	C1005C0G1H221JT
1	C14	100 uF	Capacitor, 100uF +80/-20% Y5V, 1210 SMT	Murata	GRM32EF50J107ZE20L
1	J4	4 PINS	Connector, 2mm x 4, SMT	JST	BM04B-SRSS-TB(LF)(SN)
1	L1	18 nH	Inductor, 18nH 5%, 0402 SMT	TDK	MLG1005S18NJT
1	L2	56 nH	Inductor, 56nH 5%, 0402 SMT	TDK	MLG1005S56NJT
1	L3	O OHM RESISTOR	Res. 0 OHM, 0402 SMT	Vishay	CRCW04020.0ZOED
0	L4	PCB LOOP ANTENNA	Reference for PCB trace antenna only	-	-
1	L5	7.2 mH, SMT	Inductor, 7.2mH,	PREMO	TP0702-0720J
1	U1	MPXY8300	IC, Sensor and transmitter, SOICW20	Freescall	MPXY8300
1	U2	22.0586Mhz xtal	Crystal, 22.0586MHz, 3.5 x 2.5mm, SMT	NDK	NX3225SA-22.0586MHz
0	C4, C5, C7, C16	NOT INSTALLED		-	-
0	R1	NOT INSTALLED		-	-
1	PCB		PCB - AXM0422 Rev A.	Axiom	AXM-0422A