

## T02\_nocLock Bill of Materials

### PWA

Qty	Total Qty	Value	Package	Parts	Mfr Part Number	Price (\$)	Total Cost
2	10	4.7uF	C0805	C1, C5	CL21A475KOFNNNE	0.21	2.1
3	15	0.1uF	C0805	C2, C3,C4	GRM155R61A104KA01D	0.1	1.5
1	5	1000uF	3.5MM_8MM	C6	EKY-100ELL102MH20D	0.41	2.05
6	30	1uF	C0805	C7,C8,C9,C10, C11,C12	CL21B105KBFNNNE	0.26	7.8
1	5	GF1	SMA-DO214AC	D2	S1J	0.25	1.25
1	5	4.7V	SOT23	D3	BZX84C4V7-TP	0.21	1.05
1	5	PMEG2005CT,21	SOT-23	D4	PMEG2005CT,215	0.57	2.85
1	5	ICSP	ICSP	J1	PRPC012DAAN	0.66	3.3
1	5	5BC-3-CA-F	3_PIN_ CONNECTOR	J3	2-644803-3	0.6	3
5	25	640455-2	2-PIN_ CONNECTOR	J4, J5,J6,J7,J8	2-644803-2	0.43	10.75
1	5	10nH	805	L1	CE201210-10NJ	0.1	0.5
1	5	DMN63D8LDW-7	SOT363	Q1	DMN63D8LDW-7	0.32	1.6
1	5	DMG1012UW-7	SOT323	Q3	DMG1012UW-7	0.39	1.95
7	35	10K	R0805	R1,R2,R4,R9, R5, R10, R12	ESR10EZPJ103	0.1	3.5
1	5	1M	R0805	R13	RMCF0805JT1M00	0.1	0.5
1	5	220	R0805	R14	RMCF0805FT220R	0.1	0.5
3	15	100	R0805	R15, R16,R17	ESR10EZPJ103	0.1	1.5
3	15	1k	R0805	R3, R8, R11	MCR10ERTF1001	0.1	1.5
1	5	10	R2512	R6	CRM2512-JW-100ELF	0.36	1.8
1	5	330	R0805	R7	MCR10ERTF3300	0.1	0.5

1	5			S1	2-1825910-7	0.1	0.5
1	5			S2	1825910-6	0.1	0.5
1	5	ATMEGA88A	TQFP32	U1	ATMEGA88A-AUR	2.72	13.6
1	5	4584D	SO14	U2	SN74HC14DR	0.57	2.85
1	5	MCP1802	SOT23-5	U3	MCP1802	0.64	3.2

Total: \$ 70.15

## Hardware

Price/Brd: \$ 14.03

Qty	Details/Parntumber	Description	Price (\$)	Total Price (\$)
1	Sparkfun: ROB-11015	Solenoid	4.95	4.95
1	MFR: CEP1110	Piezo Buzzer	1.87	1.87
1	MFR: PJ-065A	Barrel Jack	2.54	2.54
5ft	20AWG	Red Wire	N/A	
5ft	20AWG	Blue Wire	N/A	
5ft	20AWG	Green Wire	N/A	
5ft	20AWG	Black Wire	N/A	
1	N/A	9V Battery	2.4	2.4
3	12"x16"	1/4" Acrylic	7	21
1	N/A	1/8" Acrylic	N/A	
1	MOM - ON	Panel mount Button	N/A	
1	Pack of 2	Hinges	1.25	1.25
6	3/16" - 1/8"	3/16" Fasteners	1	6
2	3/16" - 1/16"	Fasteners	0.3	0.6
6	6mm m3	Fasteners	0.3	1.8
3	5.26x5mm m3	PCB Standoffs	0.3	0.9
2	Adafruit: 159	RGB LED	2	4
1	N/A	PCB	12.93	12.93
			<b>Total</b>	<b>\$ 47.31</b>