

BOM-BY-PART						
REF	QTY/ASSY	DESC	COST	TOTAL	ASSY_STATUS	SUPPLIER_1
B1	1.00	HOLDER BATT CR2032	0.2300	0.2300	Y	Mouser 712-BAT-HLD-001
C1, C2, C11	3.00	CAP CER SMD 0402 22 5 NPO	0.0400	0.1200	Y	Mouser 581-04023U220JAT2A
C3,C4,C5,C6	4.00	CAP CER SMD 0603 12 5 NPO	0.0103	0.0412	Y	Mouser 81-GRM39C120J50
C8	1.00	CAP CER SMD .01 10 X7R 16V	0.0150	0.0150	Y	Mouser 81-GRM18R71C103KA01D
C9,C10,C12	3.00	CAP CER SMD 4.7uF 10% X7R 25V	0.1100	0.3300	Y	Mouser 81-GRM31CR71E475KA88
D1-D40	40.00	DIODE LED RED 1206	0.0500	2.0000	Y	Mouser 604-APTL3216SURCK
D45	1.00	DIODE SIG SMD 75V 1206	0.0400	0.0400	Y	Mouser 652-CD1206-S01575
R1,R2,R3,R4,R5,R10	6.00	RES CER SMD 0603 120 5 1/10	0.0026	0.0156	Y	Mouser 667-ERJ-3GEYJ121V
R6,R13	2.00	RES CER SMD 0603 10K 5 1/10	0.0026	0.0052	Y	Mouser 667-ERJ-3GEYJ103V
R12,R14	2.00	RES CER SMD 0603 0	0.0026	0.0052	Y	Mouser 667-ERJ-3GEY0R00V
S1	1.00	SW PB SMD N.O.	0.2500	0.2500	Y	Mouser 667-EVQQ2P02W
U1	1.00	IC MICROCONT RF 2450	5.2800	5.2800	Y	Mouser 556-ATMEGA128RFA1-ZU
Y1	1.00	XTAL 16 MHZ	0.5000	0.5000	Y	Mouser 815-ABMM-16-B2-T
Y2	1.00	XTAL RTC 32768	0.8000	0.8000	Y	Mouser 520-ECS327-12.5-17X
--	1.00	BATTERY CR2032	0.2800	0.2800	Y	Mouser 658-CR2032
--	1.00	BOARD, PC, THOTCON0x04	4.1200	4.1200	Y	BrigitFlex
			<b>TOTAL</b>	<b>14.0322</b>	Y	

**HACKER CONFIG ADD:**

C13	1.00	CAP CER SMD 4.7u 10% X7R 25V	0.1100	0.1100	DO NOT PLACE	Mouser 81-GRM31CR71E475KA88
C14	1.00	CAP CER SMD .01 10 X7R 16V	0.0150	0.0150	DO NOT PLACE	Mouser 81-GRM18R71C103KA01D
C15	1.00	CAP LYTIC SMD 10uF 20% 16V	0.1000	0.1000	DO NOT PLACE	Mouser 647-UWF1C100MCL1GB
D41,D42,D43,D44	4.00	DIODE LED RED 1206	0.0500	0.2000	DO NOT PLACE	Mouser 604-APTL3216SURCK
F1	1.00	FUSE POLY .5A 15V	0.2100	0.2100	DO NOT PLACE	Mouser 576-1206L050/15YR
J1,J2	2.00	06-WAY SIL VERT SOCKET	0.4800	0.9600	DO NOT PLACE	Mouser 855-M20-7820646
J3,J4	2.00	SOCKET STRP .1 1X8	0.5500	1.1000	DO NOT PLACE	Mouser 855-M20-7820842
P2	1.00	CONN SPI AVR	0.4800	0.4800	DO NOT PLACE	Mouser 649-75869-131LF
R7,R8,R9,R16,R19,R20	6.00	RES CER SMD 0603 1K 5 1/10	0.0026	0.0156	DO NOT PLACE	Mouser 667-ERJ-3GEYJ102V
R11	1.00	RES CER SMD 0603 120 5 1/10	0.0026	0.0026	DO NOT PLACE	Mouser 667-ERJ-3GEYJ121V
R15,R21	2.00	RES CER SMD 0603 0	0.0026	0.0052	DO NOT PLACE	Mouser 667-ERJ-3GEY0R00V
R17,R18	2.00	VRSTR ESD 0603 LO-CAP	0.0900	0.1800	DO NOT PLACE	Mouser 652-CG0603MLC-05E
S2,S3	2.00	SW PB SMD N.O.	0.2500	0.5000	DO NOT PLACE	Mouser 667-EVQQ2P02W
U2	1.00	IC REG 3.3V LDO SOT5	0.3600	0.3600	DO NOT PLACE	Mouser 595-LP2985-33DBVR
			<b>TOTAL</b>	<b>18.271</b>		

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SUPPLIER\_2

Digikey BAT-HLD-001-ND

Digikey 490-1405-1-ND

Digikey 490-1525-1-ND

Digikey 490-1809-1-ND

Digi 754-1165-1-ND

Digi CD1206-S01575CT-ND

DigiKey P120GCT-ND

Digikey P10KGCT-ND

Digikey P0.0GCT-ND

Digikey P12943SCT-ND

Digi ATMEGA128RFA1-ZURCT-ND

DigiKey 535-9155-1-ND

DigiKey XC1195CT-ND

Digikey P189-ND

Digikey 490-1809-1-ND

Digikey 490-1525-1-ND

Digi 754-1165-1-ND

Digikey F3733CT-ND

DigiKey 952-1809-ND

Digikey 952-1823-ND

Digikey 609-2845-ND

DigiKey P1.0KGCT-ND

DigiKey P120GCT-ND

Digikey P0.0GCT-ND

Digi CG0603MLC-05ECT-ND

Digikey P12943SCT-ND

Digi 296-18476-1-ND