

ISS-P2-BOM-BY-PART

REF	QTY/ASSY	DESC	ASSY_STATUS	SUPPLIER_1	SUPPLIER_2
B1***	1.00	HOLDER BATT CR2032	Y	Mouser 712-BAT-HLD-001	Digikey BAT-HLD-001-ND
C1, C2, C11	3.00	CAP CER SMD 0402 22 5 NPO	Y	Mouser 581-04023U220JAT2A	
C3,C4,C5,C6	4.00	CAP CER SMD 0603 12 5 NPO	Y	Mouser 81-GRM39C120J50	Digikey 490-1405-1-ND
C8	1.00	CAP CER SMD .01 10 X7R 16V	Y	Mouser 81-GRM18R71C103KA01D	Digikey 490-1525-1-ND
C9,C10,C12	3.00	CAP CER SMD 4.7uF 10% X7R 25V	Y	Mouser 81-GRM31CR71E475KA88	Digikey 490-1809-1-ND
D1-D40	40.00	DIODE LED RED 1206	Y	Mouser 604-APTL3216SURCK	Digi 754-1165-1-ND
D45	1.00	DIODE SIG SMD 75V 1206	Y	Mouser 652-CD1206-S01575	Digi CD1206-S01575CT-ND
R1,R2,R3,R4,R5,R10	6.00	RES CER SMD 0603 120 5 1/10	Y	Mouser 667-ERJ-3GEYJ121V	DigiKey P120GCT-ND
R6,R12,R13	3.00	RES CER SMD 0603 10K 5 1/10	Y	Mouser 667-ERJ-3GEYJ103V	Digikey P10KGCT-ND
R14	1.00	RES CER SMD 0603 0	Y	Mouser 667-ERJ-3GEY0R00V	Digikey P0.0GCT-ND
S1	1.00	SW PB SMD N.O.	Y	Mouser 667-EVQQ2P02W	Digikey P12943SCT-ND
U1	1.00	IC MICROCONT RF 2450	Y	Mouser 556-ATMEGA128RFA1-ZU	Digi ATMEGA128RFA1-ZURCT-ND
Y1	1.00	XTAL 16 MHZ	Y	Mouser 815-ABMM-16-B2-T	DigiKey 535-9155-1-ND
Y2	1.00	XTAL RTC 32768	Y	Mouser 520-ECS327-12.5-17X	DigiKey XC1195CT-ND
*** BOTTOM SIDE!					
NON-ITEMIZED PARTS					
--	1.00	BATTERY CR2032	Y	Mouser 658-CR2032	Digikey P189-ND
--	1.00	BOARD, PC, THOTCON0x04	Y	BrigitFlex Quote	
DO NOT PLACE ITEMS					
C13	1.00	CAP CER SMD 4.7u 10% X7R 25V	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
C14	1.00	CAP CER SMD .01 10 X7R 16V	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
C15	1.00	CAP LYTIC SMD 10uF 20% 16V	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
D41,D42,D43,D44	4.00	DIODE LED RED 1206	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
F1	1.00	FUSE POLY .5A 15V	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
J1,J2	2.00	06-WAY SIL VERT SOCKET	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
J3,J4	2.00	SOCKET STRP .1 1X8	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
P2	1.00	CONN SPI AVR	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
R7,R8,R9,R16,R19,R20	6.00	RES CER SMD 0603 1K 5 1/10	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
R11	1.00	RES CER SMD 0603 120 5 1/10	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
R15,R21	2.00	RES CER SMD 0603 0	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
R17,R18	2.00	VRSTR ESD 0603 LO-CAP	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
S2,S3	2.00	SW PB SMD N.O.	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE
U2	1.00	IC REG 3.3V LDO SOT5	DO NOT PLACE	DO NOT PLACE	DO NOT PLACE