Id	Designator	Package	Qty	Designation	Supplier Ref	NOTE	Link
1	B1,B2,B3,B4,B5,B6,B7,B	I/O	14	I/O		break out pads	
2	B10,B11,B16,B17	I/O_ADR	4	I/O		break out pads	
3	BT1	CR1632	1	BATT_RTC	BHX1-1632-SM-ND	SMD Battery socket for CR2032	http://search.digikey.c
4	C1,C4,C7,C8,C9	c_0805	5	100n	490-1734-1-ND	C7 not used (Reset Cap On FTDI)	http://search.digikey.c
5	C2,C5	c_0805	2	1u	445-1589-1-ND	Non-electrolytic (Ceramic)	http://search.digikey.c
6	C3	c_0805	1	2u2_Tant	493-2331-1-ND	Tantalum, Polarized, 10V	http://search.digikey.c
7	C6	C_ELCO_SMD	1	47u,10V	PCE3875CT-ND	Electrolytic, SMD	http://search.digikey.c
8	C10,C11	c_0805	2	22pF	709-1172-1-ND		http://search.digikey.c
9	D1,D2	d_0805	2	LED	475-2555-1-ND	Just 2mA current, see R5 and R8	http://search.digikey.c
10	IC1	TQFP32	1	ATMEGA8-AI	ATMEGA8A-AU-ND	Micro-controller	http://search.digikey.c
11	P3	PIN_ARRAY-6X1	1	BootDrive	609-3465-ND	BootDrive Interface	http://search.digikey.c
12	P2	PIN_ARRAY_4x1	1	COMM_R	609-3465-ND	C3SB terminations	http://search.digikey.c
13	P4,P5	PIN_ARRAY-6X1	2	CONN_6	609-3465-ND	Buckler Interface	http://search.digikey.c
14	P6	pin_strip_2	1	CONN_2	609-3465-ND	Ext. 9V Battery	http://search.digikey.c
15	P8	PIN_ARRAY-6X1	1	FTDI	609-3465-ND	FTDI<->USB	http://search.digikey.c
16	P9	ISP	1	ISP	609-3456-ND	ISP Programming Interface	http://search.digikey.c
17	P10,P11	Sck-04-F-SMT	2	CD2	S5635-ND	ChronoDot/rtcBoB compatible connections	http://search.digikey.c
18	P12,P13	Sck-04-F-SMT	2	CD1		either P10+P12 or P11+P13	--
19	PCB1	PCB	1	PCB		dorkbotpdx	

20	R1,R2,R3,R4,R6,R7	r_0805	6	10k	RR12P10.0KDCT-ND	SMD Resistors	http://search.digikey.c
21	R5,R8	r_0805	2	470E	RR12P1.5KDCT-ND	use 1k5 instead of 470E - SMD LED=2mA, 1.8V (D1,D2)	http://search.digikey.c
22	SC1,SC2	vite_3mm	2	SCREW	--	Mounting holes – C3/C3Jr compatible	--
23	SD1	Memory_Card_uSD	1	SD_CARD	101-00434-68-1-ND	CONN SIM+MICRO-SD 14PIN PCB GOLD	http://search.digikey.c
24	SW1	Switch_Push_SPST	1	SW_PUSH	P12301SCT-ND	Reset SW	http://search.digikey.c
25	U1	SOT23-3	1	MCP1700T-3302E/TT	MCP1700T3302ETTCT-ND	3.3V Regulator	http://search.digikey.c
26	U2	SO14E	1	74HC125	MC74HC125ADGOS-ND	296-1192-1-ND – alternative	http://search.digikey.c
27	U3	SOT23-5	1	MIC5219-5.0BM5	576-2770-1-ND	5.0V Regulator	http://search.digikey.c
28	U4	DS3231	1	DS3231N	DS3231S#-ND	RTC	http://search.digikey.c
29	X1	XTAL	1	CRYSTAL	478-6622-1-ND	16MHz Crystal, SMD	http://search.digikey.c
						(for component purchase qty of 10 nos)	**TOTAL**

SD_CARD	2041021-3	Tyco-TE Connectivity – Mfg. Data	http://www.te.com/cat
	35R2925	Newark element 14 online	http://www.newark.co
	A101492CT-ND	Digikey	http://search.digikey.c

Unit Cost	Total	
$0.00	$0.00	
$0.00	$0.00	
$0.41	$0.41	
$0.12	$0.59	
$0.13	$0.25	
$0.37	$0.37	
$0.43	$0.43	Have
$0.04	$0.09	
$0.14	$0.27	
$3.21	$3.21	Really need this ATMEGA328-AU-ND
$0.41	$0.41	half a stick of 36 way Bergtik for P2, P4, P5, P6
$0.00	$0.00	
$0.00	$0.00	
$0.32	$0.32	one sixth of a 36 way BergStik, 90 deg.
$0.37	$0.37	one fifth of a 30 way BergStik, 90 deg. , 2 row
$0.67	$1.34	
$0.00	$0.00	
$14.40	$14.40	

$0.15	$0.89	have
$0.15	$0.30	
$0.00	$0.00	
$2.23	$2.23	Seeed
$0.72	$0.72	
$0.37	$0.37	
$0.44	$0.44	HC and not LS?
$1.43	$1.43	
$8.82	$8.82	Have
$1.07	$1.07	
$36.37	**$38.70**	

$0.00	$0.00
$0.00	$0.00
$0.00	$0.00