

DragonShield bill of materials							
Resistors (Qty:)	Component IDs	Value	Packaging	Digi-Key SKU	Unit Price (USD)	Subtotal	Notes
3	R1, R2, R4	10 k	SMD 0805	311-10KARCT-ND	0.0170	0.0510	
1	R3	4.7 k	SMD 0805	311-4.7KARCT-ND	0.0170	0.0170	
2	R5, R6	1 k	SMD 0805	311-1.0KARCT-ND	0.0170	0.0340	
Capacitors							
2	C1, C2	100 nF	SMD 0805	311-1361-1-ND	0.0310	0.0620	
Semiconductors							
2	LED1, LED2	Green LED	SMD 0805	754-1131-1-ND	0.1600	0.3200	
1	IC1	MCP795W10	SOIC-14	MCP795W10-I/SL-ND	2.1200	2.1200	
Miscellaneous							
1	Q1	32768 Hz crystal, TC26		535-9032-ND	0.2500	0.2500	
1	B1	SMD CR1220 battery clip		3000K-ND	0.5700	0.5700	
1	N/A	CR1220 3V cell		SY033-ND	0.7600	0.7600	
1	J2	Micro-SD card socket		101-00660-68-6-1-ND	1.9700	1.9700	
1	J4	1x6 0.1" pin header		3M9451-ND	0.3300	0.3300	
2	J5a, J5b	2.0mm 10-pin header skt		S5751-10-ND	1.11	2.2200	
1	J1	2x8 0.1" pin header		N/A			
1	J3	2x7 0.1" pin header		N/A			
					Total:	12.7260	(Excludes PCBs and XBee.) (And shipping.)