

Barduino BOM

Quantity	Component	Digikey Link
	Inventory Components	
4	Resistor 0 Ohm	http://www.digikey.com/product-detail/en/RC1206JR-070RL/311-0.0ERCT-ND/732131
3	Resistor 1K	http://www.digikey.com/product-detail/en/RC1206FR-071KL/311-1.00KFRCT-ND/731334
2	Capacitor 10uf	http://www.digikey.com/product-detail/en/GMK316F106ZL-T/587-1352-1-ND/931129
3	Capacitor .1uf	http://www.digikey.com/product-detail/en/C1206C104KARACTU/399-4674-1-ND/992199
1	Red LED	http://www.digikey.com/product-detail/en/LTST-C150CKT/160-1167-1-ND/269239
1	Green LED	http://www.digikey.com/product-detail/en/LTST-C150GKT/160-1169-1-ND/269241
2	Shottky Diode	http://www.digikey.com/product-detail/en/BAT46ZFILM/497-5559-1-ND/1207051
1	5V Regulator	http://www.digikey.com/product-detail/en/LM3480IM3-5.0%2FNOPB/LM3480IM3-5.0%2FNOPBCT-ND/270751
1	Power Jack	http://www.digikey.com/product-detail/en/PJ1-023-SMT-TR/CP1-023PJCT-ND/659938
1	ICSP Connector	http://www.digikey.com/product-detail/en/95278-101A06LF/609-3487-1-ND/2044025
1	Button	http://www.digikey.com/product-detail/en/B3SN-3112P/SW262CT-ND/60835
1	FTDI Header	http://www.digikey.com/scripts/DkSearch/dksus.dll?WT.z_header=search_go&lang=en&keywords=ED2164-ND&x=0&y=0&cur=USD
	Non-Inventory Components	
1	Crystal 16Mhz	http://www.digikey.com/product-detail/en/NX5032GA-16.000000MHZ-LN-CD-1/644-1037-1-ND/1128909
2	Capacitor 18pf	http://www.digikey.com/product-detail/en/CC1206JRNPO9BN180/311-1152-1-ND/303062
1	ATMega 168 SMD	http://www.digikey.com/product-detail/en/ATMEGA168A-AU/ATMEGA168A-AU-ND/2271188
1	ATMega 328 SMD	http://www.digikey.com/product-detail/en/ATMEGA328-AU/ATMEGA328-AU-ND/2271029
4	Headers (Optional)	http://www.digikey.com/product-detail/en/75915-306LF/609-3558-ND/1523584