

Item	Part Number	Quantity
ATMEGA48A-PU	ATMEGA48A-PU-ND	1
5mm LED	Clear Green 5mm LED	8
100 ohm resistor	CF14JT100RCT-ND	8
5v Linear Regulator	497-7255-1-ND	1
16MHz Crystal	631-1108-ND	1
6.8K ohm resistor	CF14JT6K80CT-ND	1
3.3k ohm resistor	CF14JT3K30CT-ND	1
10uF capacitor	493-12772-1-ND	1
22pF capacitor	BC1005CT-ND	2
0.1uF capacitor	BC2665CT-ND	3
10K ohm resistor	CF14JT10K0CT-ND	1
3-axis Accelerometer	ADXL335	1
Male headers	1 x 20 PIN (.1")	1
28 DIP Socket	ED3050-5-ND	1
9V Battery Connector	BS6I-MC-ND	1

**Vendor**

<http://www.digikey.com/product-detail/en/ATMEGA48A-PU/ATMEGA48A-PU-ND/2271048>

[http://www.ebay.com/itm/E-Projects-Clear-Green-5mm-LED-100-Pcs-/171163508747?pt=LH\\_DefaultDomain\\_0&has](http://www.ebay.com/itm/E-Projects-Clear-Green-5mm-LED-100-Pcs-/171163508747?pt=LH_DefaultDomain_0&has)

<http://www.digikey.com/scripts/DkSearch/dksus.dll?Detail&itemSeq=158178493&uq=635475824021720483>

<http://www.digikey.com/product-detail/en/L7805CDT-TR/497-7255-1-ND/1884014>

[http://www.digikey.com/product-search/en?WT.z\\_header=search\\_go&lang=en&site=us&keywords=631-1108-ND&x:](http://www.digikey.com/product-search/en?WT.z_header=search_go&lang=en&site=us&keywords=631-1108-ND&x:)

<http://www.digikey.com/product-detail/en/CF14JT6K80/CF14JT6K80CT-ND/1830370>

<http://www.digikey.com/product-detail/en/CF14JT3K30/CF14JT3K30CT-ND/1830362>

<http://www.digikey.com/product-detail/en/UVR1E100MDD6TP/493-12772-1-ND/4328365>

<http://www.digikey.com/product-detail/en/K220J15C0GF5TL2/BC1005CT-ND/286627>

<http://www.digikey.com/product-detail/en/K104K10X7RF5UH5/BC2665CT-ND/2356879>

<http://www.digikey.com/product-detail/en/CF14JT10K0/CF14JT10K0CT-ND/1830374>

<http://www.ebay.com/itm/New-GY-61-ADXL335-Module-3-axis-Analog-Output-Accelerometer-angular-transducer-/3>

<http://www.ebay.com/itm/100-pcs-1-x-20-PIN-2-54mm-1-BREAKAWAY-HEADER-PIN-STRIP-FAST-DEL-USA-SEL>

<http://www.digikey.com/product-detail/en/ED281DT/ED3050-5-ND/4147600>

<http://www.digikey.com/product-detail/en/BS6I-MC/BS6I-MC-ND/252231>

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[LER-/280918777752?pt=LH\\_DefaultDomain\\_0&hash=item4168105f98](#)