

An Arduino Uno or Arduino Starter kit

<http://www.digikey.com/product-detail/en/adafruit-industries-llc/68/1528-1073-ND/5154648>

dc motor (3V-6VDC)

<http://www.digikey.com/product-detail/en/adafruit-industries-llc/711/1528-1150-ND/5353610>

dc stepper motor

<http://www.digikey.com/product-detail/en/portescap/42M048C2U/403-1010-ND/417817>

dc servo

<http://www.digikey.com/product-detail/en/adafruit-industries-llc/154/1528-1496-ND/5774222>

LM35 Precision Centigrade Temperature Sensor

<http://www.digikey.com/product-detail/en/texas-instruments/LM35DZ-NOPB/LM35DZ-NOPB-ND/32489>

Thermistor

<http://www.digikey.com/product-detail/en/vishay-bc-components/NTCLE100E3103HT1/BC2395TR-ND/2230723>

LCD (2x16 character)

<http://www.digikey.com/product-detail/en/newhaven-display-intl/NHD-0216BZ-FL-YBW/NHD-0216BZ-FL-YBW-ND/1701195>

IRF630A or equivalent N-Channel Power MOSFET

<http://www.digikey.com/product-detail/en/stmicroelectronics/IRF630/497-2757-5-ND/603782>

2N2222 NPN Transistor

<http://www.digikey.com/product-detail/en/central-semiconductor-corp/2N2222/2N2222CS-ND/4806844>

1N4001 Diode

<http://www.digikey.com/product-detail/en/comchip-technology/1N4001-G/641-1310-3-ND/1979654>

Velocio ACE PLC

<http://velocio.net/ace/>

Velocio 5A Relay Terminal Block

<http://velocio.net/ace/>

Velocio Simulator Stick

<http://velocio.net/ace/>

5VDC Relay (SPDT)

<http://www.digikey.com/product-detail/en/omron-electronics-inc-emc-div/G5V-1-DC5/Z773-ND/87831>

Piezo Buzzer

<http://www.digikey.com/product-detail/en/tdk-corporation/PS1240P02BT/445-2525-3-ND/935924>

10K potentiometer (included with Arduino Starter Kit)

Tactile pushbutton switch (included with Arduino Starter Kit)

Photocell (included with Arduino Starter Kit)

Solderless breadboard (included with Arduino Starter Kit)

Jumper wires (included with Arduino Starter Kit)

100 ohm resistors (brown, black, brown, gold), $\frac{1}{4}W$, 5% (included with Arduino Starter Kit)