

Arduino Workshop Parts List

Resistors:

3x 10K \$.75

2x 1K \$.50

1x 10K lin Pot (Jameco 29082) \$1.02

1x Photoresistor (Jameco 120299) \$1.79

1x flex-sensor (Sparkfun SEN-08606 or Jameco 150551) \$12.00

Caps:

2x 10uF \$.50

1x 220uF \$.50

Semiconductors:

1x LED \$.35

TIP120 (Jameco 32993) \$.49

SN754410NE (digikey 296-9911-5-ND) \$1.88

LM386 (digikey LM386N-1-ND) \$1.09

LTR-301 (digikey 160-1065-ND) \$0.24

LTE-302 (digikey 160-1063-ND) \$0.23

Hardware:

pushbutton (Jameco 106112) \$1.25

USB cable (Sparkfun CAB-00512) \$4.00

breadboard (Sparkfun PRT-00137) \$5.95

Arduino Duemillnove \$30.00

8 Ohm Loudspeaker (digikey CDMG16008-03-ND) \$1.84

elect. microphone (sparkfun COM-08635) \$0.95

Servo (HS-311 or equiv 5V R/C servo, Jameco 358635) \$19.00

DC motor (Micro Metal Gearmotor 30:1 pololu.com or equiv 5V DC motor,
Sparkfun ROB-08911) \$16.00

9V Battery \$1.00

Battery clip (Jameco 11280) \$.38

Misc.

Getting Started with Arduino (Amazon.com) \$10.39