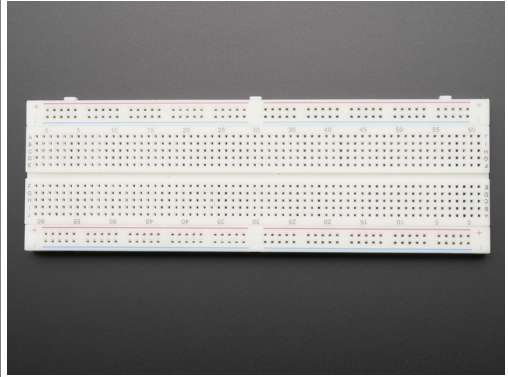




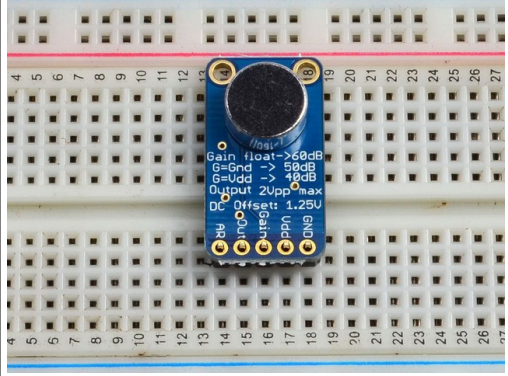
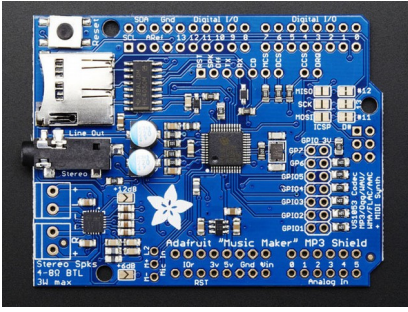




Parts List

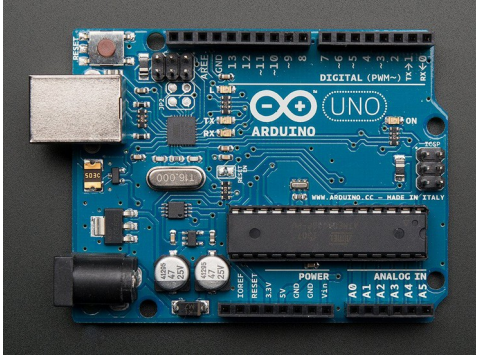

Name	Qty	Example Photo
Breadboard	2	
LM386 amplifier	1	
1.2K ohm, 1/4 watt resistor	1	
10μF ceramic capacitor	1	

Name	Qty	Example Photo
10K ohm potentiometer	2	
8 ohm speaker	1	
0.05 μ F ceramic capacitor ¹	1	
Breadboard-Friendly 3.5mm Stereo Headphone Jack	1	

¹ Two 0.1 μ F ceramic capacitors can be used in series instead.

Name	Qty	Example Photo
250μF electrolytic capacitor	1	
Adafruit Microphone MAX9814 with Auto Gain Control	1	
Adafruit "Music Maker" MP3 Shield for Arduino w/3W Stereo Amp	1	
Male-to-male jumper wires	20	
10K ohm resistor	1	 wiseGEEK

Name	Qty	Example Photo
Breadboard push buttons	5	
LED	1	
1.5K ohm resistor	5	 wiseGEEK
1K ohm resistor	1	 wiseGEEK
Male-to-female jumper wires	12	

Name	Qty	Example Photo
Arduino Uno	1	
Micro SD card	1	
3.5 mm audio cable	1	