

Electret Microphone Breakout Board



Ready to add sound detection to your next project? This compact breakout board from SparkFun couples a small electret microphone with a 100x opamp, converting sound into amplified analog voltages that can be measured by a microcontroller's analog-to-digital converter (ADC). The unit comes fully assembled as shown and works from 2.7 to 5.5 V.



Ready to add sound detection to your next project? This compact breakout board from SparkFun couples a small electret microphone with a 100x opamp, converting sound into amplified analog voltages that can be measured by a microcontroller's analog-to-digital converter (ADC). Power is supplied to the VCC pin and should be between 2.7 to 5.5 V. The breakout board pins have a 0.1" pitch and work with [0.1" male headers](#) and [0.1" female headers](#).

Note that the current version of this product has a red PCB as shown in the main product picture, not the green solder mask as shown in the rest of the product pictures.

