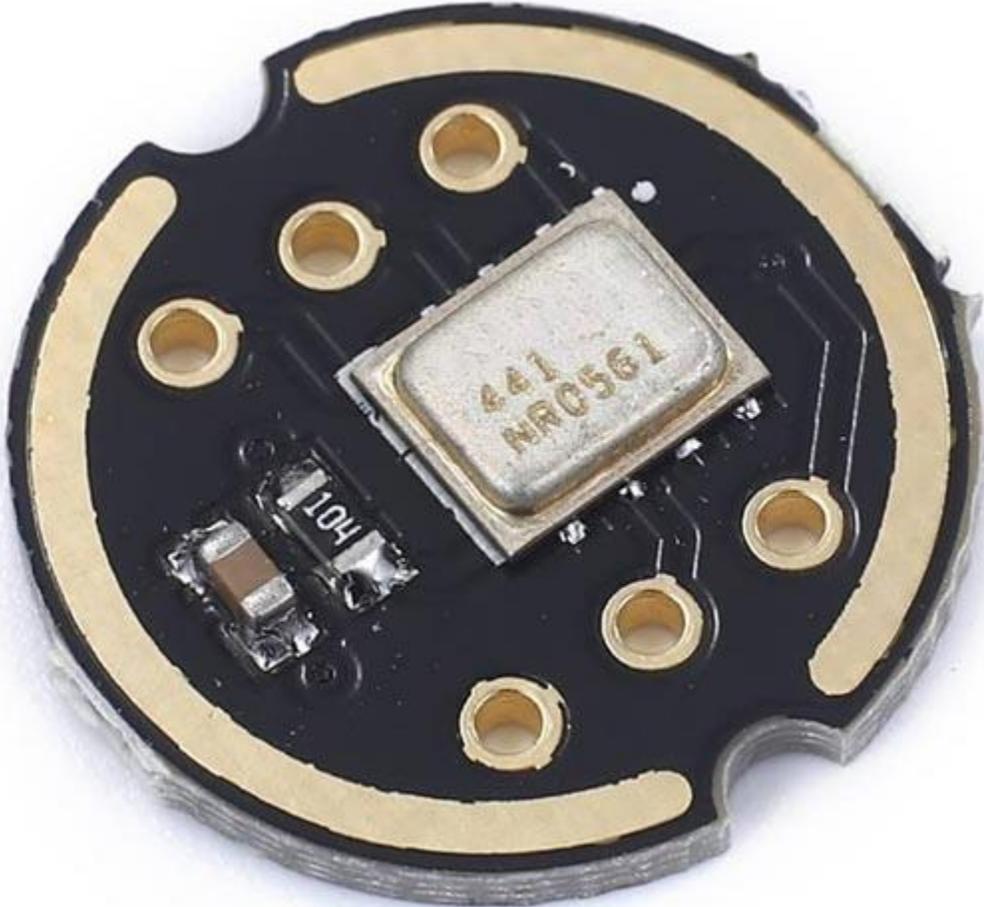
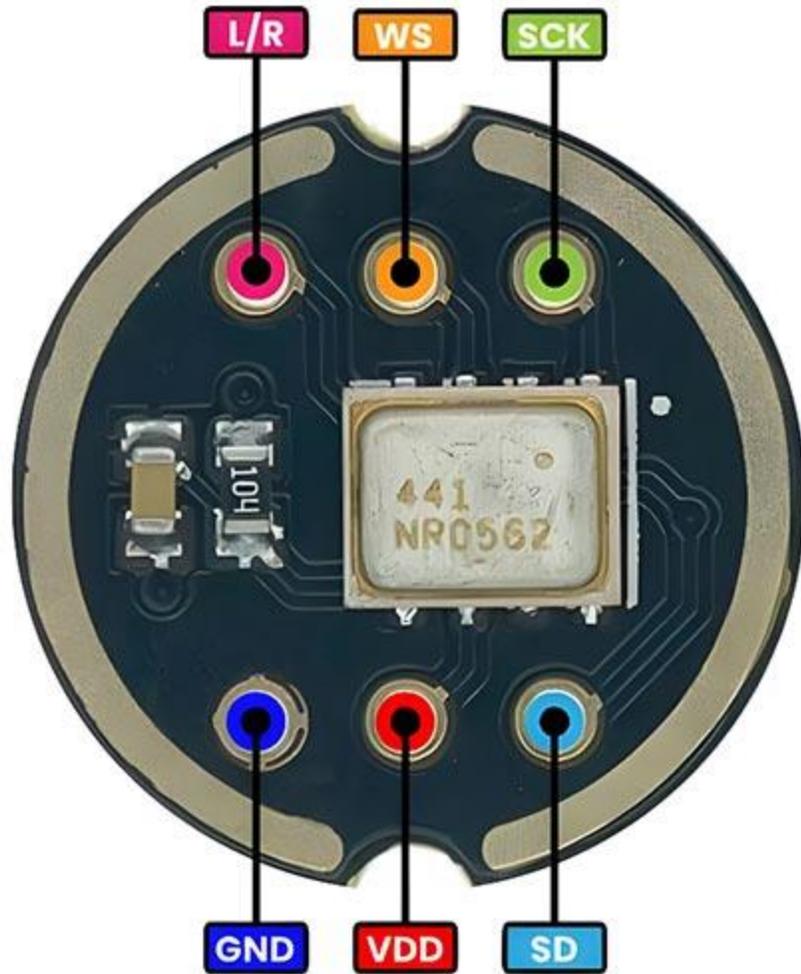


NMP441 MEMS High Precision Omnidirectional
Microphone Module





INMP441 Microphone INMP441 Microphone Pinout

The INMP441 mems sensor is a high-performance, low-power digital I2S output omnidirectional MEMS microphone. Built on a compact footprint, this module is specifically designed for advanced audio and voice recognition applications. With its inherent low-noise and high Signal-to-Noise Ratio (SNR) attributes, it offers crystal-clear audio capture even in challenging environments. Its compatibility with the I2S interface, a standard used for transmitting digital audio between devices, ensures that it can be integrated into a diverse range of audio processing setups. The **INMP441 microphone module** is an invaluable component for developers looking to incorporate superior audio input capabilities into their projects.