MIC 3 Click
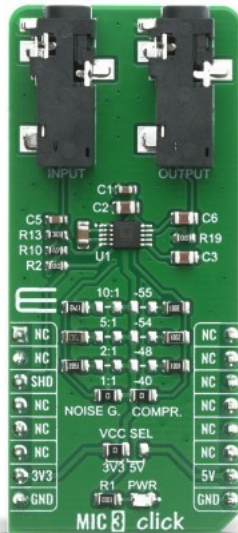

PID: MIKROE-4136

The **MIC 3 Click** is a Click board™ that features the SSM2167-1RMZ-R7, a Microphone Preamplifier, from Analog Device. This Click board™ is a low voltage Microphone preamplifier with Variable compression and noise gating. The MIC 3 Click is a very easy solution to work with it, which makes it an ideal solution for using it in desktop, portable or palmtop computers, telephone conferencing, communication headsets, two-way communication, surveillance system where the microphone is needed, stethoscope, karaoke and DJ mixers.

The MIC 3 Click is supported by a mikroSDK compliant library, which includes functions that simplify software development. This Click board™ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS™ socket.

MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

Specifications

Type	Microphone
Applications	Karaoke and DJ mixers,Desktop, portable, or palmtop computers,Telephone conferencing.
On-board modules	SSM2167-1RMZ-R7, Low Voltage Microphone Preamplifier from Analog Device.
Key Features	Adjustable noise gate threshold,Adjustable compression ratio.
Interface	GPIO
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

mikroBUS™ Standard specification

LibStock: mikroSDK

Click board catalog

Click boards™ Standard Page

Downloads

MIC 3 click 2D and 3D files

MIC 3 click schematic

MIC 3 click example on Libstock

SSM2167 datasheet