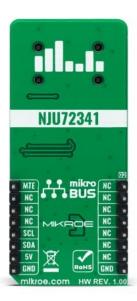MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

Volume 2 Click

PID: MIKROE-4560

Volume 2 Click is a compact add-on board that provides the user with complete digital volume control. This board features the NJU72341, a 2-channel I2C configurable electronic volume IC with external mute control from NJRC. It controls two independent low distortion audio channels with a vast volume control range from 0 to 95dB with 1dB step offering zero-cross detection to protect pop noise. It operates with a simple I2C serial interface that accepts 8-bit data offering low distortion and noise. This Click board™ is suitable for stereo and multi-channel audio systems and represents a perfect solution for remote audio volume control applications.

Volume 2 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	Signal Processing
Applications	Can be used for stereo and multi-channel audio systems and represents a perfect solution for remote audio volume control applications
On-board modules	NJU72341 - 2-channel I2C configurable electronic volume IC with an external mute control from NJRC
Key Features	External mute control, low noise, low distortion, I2C configurable, zero cross detection, vast volume control range, and more.
Interface	I2C
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	5V

Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click boards™

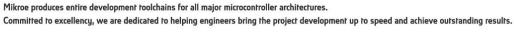## Downloads

Volume 2 click 2D and 3D files

NJU72341 datasheet

MIC5235 datasheet

MIC2606 datasheet

Volume 2 click schematic

Volume 2 click example on Libstock