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

MP3 2 Click

PID: MIKROE-4159

MP3 2 Click is an audio decoder expansion board with on-board microSD card slot, that enables you to create your personal audio playback system. It holds the KT403A,a SOC chip solution with intergraded MCU, hardware audio MP3/WAV decoder and DSP, from Shenzhen Qianle Microelectronics Technology Co. Ltd. All the mentioned integrated hardware components enable the MP3 2 Click board to guarantee good stability and tone quality. You are able to use UART serial communication to control this board and do diverse operations with music files from microSD card such as Play, Pause, Volume Up/Down, any many more. These features make MP3 2 Click the ideal solution for audio device, in any application that demands an Audio Playback Module for MP3, WAV.

MP3 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.

Mikroe produces entire development toolchains for all major microcontroller architectures.
Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.

ISO 27001: 2013 certification of informational security management system.
ISO 14001: 2015 certification of environmental management system.
OHSAS 18001: 2008 certification of occupational health and safety management system.

ISO 9001: 2015 certification of quality management system (QMS).

Specifications

Type	MP3
Applications	Digital music players, camcorders, speakers, headphones, toys, and more.
On-board modules	KT403A serial MP3 module, from Shenzhen Qianle Microelectronics Technology Co. Ltd.
Key Features	MP3 Player, Streaming support for MP3 and WAV.
Interface	UART
ClickID	No
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click Boards™

Downloads

MP3 2 click 2D and 3D files

KT403A datasheet

MP3 2 click schematic

MP3 2 click example on Libstock