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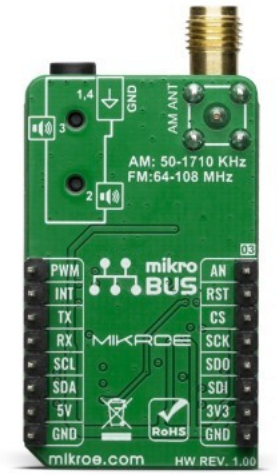
# AM/FM Click




PID: MIKROE-3800

**AM/FM Click** is a RADIO RECEIVER click board™ that can be used to listen to music from the AM and FM radio bands. One of the advantages of this versatile FM broadcast stereo transmitter IC is that it is very easy to work with it, which makes it an ideal solution for using it in cellular phones, MP3 players, portable media players, wireless speakers, personal computers and any other applications, where the radio receiver is needed.

AM/FM 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.
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# Specifications

| | |
|---|---|
| Type | FM |
| Applications | Cellular phones, MP3 players, portable media players, wireless speakers, personal computers and any other applications, where audio broadcasting on the small distance is required. |
| On-board modules | Si4731 IC - digital CMOS AM/FM radio receiver IC integrates the complete broadcast tuner and receiver function from antenna input to digital audio output, from Silicon Labs. |
| Key Features | Easy to set, high quality integrated FM radio receiver. It uses advanced audio processing techniques to avoid over-modulation and to achieve perfect levels of audio signal. |
| Interface | GPIO,I2C |
| Compatibility | mikroBUS |
| Click board size | M (42.9 x 25.4 mm) |
| Input Voltage | 3.3V,5V |

## Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click boards™

## Downloads

AM/FM click example on Libstock

AM/FM click 2D and 3D files

Si4731 IC datasheet

AM/FM click schematic

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