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RadioStation Click

PID: MIKROE-2822

RadioStation click is a unique click board™ that can be used to broadcast the music via the FM radio band. It features the Si4713-B30 from Silicon Labs, the best in class integrated FM broadcast stereo transmitter, which operates in the frequency range of 76MHz to 108MHz. It can also broadcast RDS/RDBS data. The click board™ can be equipped with a small FM antenna, which is used to extend the broadcasting range.

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	Si4713-B30 from Silicon Labs, the best in class integrated FM broadcast stereo transmitter
Key Features	Easy to set, high quality integrated FM radio transmitter. It uses advanced audio processing techniques to avoid over-modulation and to achieve perfect levels of audio for broadcasting.
Interface	I2C
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

mikroBUS™ standard specifications

mikroSDK

Click board™ Catalog

Click Boards™

Downloads

Si4712-13-B30 datasheet

RadioStation click schematic

RadioStation click example on Libstock

RadioStation click 2D and 3D files