

WiFi 7 click



PID: MIKROE-2046

WiFi 7 click carries the [ATWINC1510-MR210PB](#) IEEE 802.11 b/g/n module, specifically optimized for low-power IoT applications.

The click is designed to run on a 3.3V power supply. It communicates with the target microcontroller over SPI interface, with additional functionality provided by the following pins on the mikroBUS™ line: PWM, INT, RST.

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	WiFi
Applications	Optimized for low power IoT applications
On-board modules	ATWINC1510-MR210PB
Key Features	IEEE® 802.11 b/g/n 20MHz solution, integrated PCB antenna, supports IEEE 802.11 WEP, WPA, WPA2 Security
Interface	GPIO,SPI
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™ Standard specification](#)

[Click board catalog](#)

[Click boards™ Standard Page](#)

Downloads

[ATWINC1510-MR210PB datasheet](#)

[WiFi 7 click schematic](#)

[WiFi 7 click example on Libstock](#)

[WiFi Click boards™ guide](#)

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