

ECG 6 Click



PID: MIKROE-4061

ECG 6 Click is a complete solution for the development of ECG and Heart-Rate (HR) applications. It features the [MAX86150](#), a Reflective Heart Rate Monitor and Medical-Grade Pulse Oximeter from [Analog Devices](#). The Click board™ contain integrated electrocardiogram, pulse oximeter, heart rate monitor sensor module. The ECG 6 Click can be used for application in Fitness Assistant Devices, Wearable Devices, Smartphones, Tablet.

The ECG 6 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.

Note: ECG 6 is a development and prototyping tool. It is not intended to be used for medical treatment of patients, and should not be used to diagnose or treat any conditions.

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	Biometrics, ECG
Applications	Medical health: Fitness Assistant Devices, Wearable Devices, Smartphones, Tablet,
On-board modules	MAX86150 electrocardiogram from Maxim Integrated.
Key Features	Reflective Heart Rate Monitor, Medical-Grade Pulse Oximeter,
Interface	I2C
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

[ECG 6 click 2D and 3D files](#)

[ECG 6 click example on Libstock](#)

[MAX86150 datasheet](#)

[ECG 6 click schematic](#)

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