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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 $^{\text{TM}}$ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS $^{\text{TM}}$ 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.





health and safety management system.



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Specifications

Туре	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

<u>mikroBUS™</u>

mikroSDK

Click board™ Catalog

Click Boards™

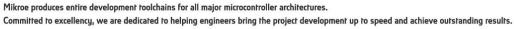
Downloads

ECG 6 click 2D and 3D files

ECG 6 click example on Libstock

MAX86150 datasheet

ECG 6 click schematic







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