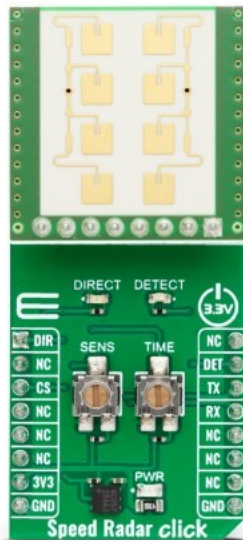


Speed Radar Click



PID: MIKROE-5869

Speed Radar Click is a compact add-on board that comes with a radar speed detector. This board features the [K-LD2](#), a radar transceiver from [RFbeam](#). It is a 24GHz radar with a detection distance for humans of up to 15m and cars of up to 30m. Its digital structure makes it easy to use in an MCU-based application or as a standalone device where movement detection or a speed measurement of any moving object is required. This Click board™ makes the perfect solution for the development of general movement applications, door openers, illumination of advertising boards, touch-free switches, security systems, and more.

Speed Radar 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.
 OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

Specifications

Type	Motion
Applications	Can be used for the development of general movement applications, door openers, illumination of advertising boards, touch-free switches, security systems, and more
On-board modules	K-LD2 - radar transceiver from RFbeam
Key Features	24GHz radar motion detector detects humans, and cars, detects movement, and even micro movement, detects direction, stand-alone or host-driven device, patch antenna, adjustable sensitivity and hold time, USB-to-UART bridge, and USB C connector for connecting to a PC, and more
Interface	UART,USB
ClickID	Yes
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[Speed Radar click example on Libstock](#)

[NCP1117 datasheet](#)

[K-LD2-RFB-00H-02 datasheet](#)

[CP2102N datasheet](#)

[Speed Radar click schematic](#)

[Speed Radar click 2D and 3D files](#)

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