

Shutter Click



PID: MIKROE-5493

Shutter Click is an adapter Click board™ used to implement an automated capturing feature. This Click board™ features one 3.5mm jack connector suitable for a camera connection with which the frame is captured. By combining two mikroBUS™ pins and the VO617A, a high-reliability phototransistor from [Vishay Semiconductors](#) used as a camera activation switch, activating the camera's Auto-Focus and the action of taking pictures is realized. This Click board™ allows you to expressly capture frames in a simple way for various types of photographic and security applications to capture those parts you need.

Shutter 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	Adapter
Applications	Can be used to expressly capture frames in various photographic and security applications
On-board modules	VO617A - high-reliability phototransistor from Vishay Semiconductors
Key Features	Automated capturing feature, easy control, high reliability phototransistor, low power consumption, Auto-Focus and Shutter trigger mode, and more
Interface	GPIO
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[Shutter click example on Libstock](#)

[Shutter click 2D and 3D files](#)

[VO617A datasheet](#)

[Shutter click schematic](#)

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).