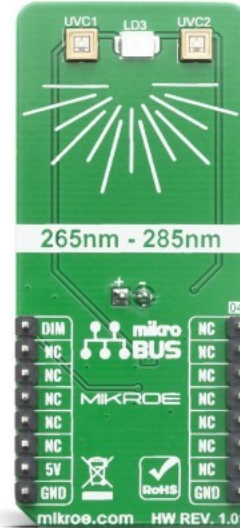


UVC Light Click



PID: MIKROE-4177

UVC Light Click is Click board™ with ultraviolet LEDs with 275nm wavelength which can be complemented with [UVC Click](#) for measuring exact dose of UV radiation. UVC radiation refers to wavelengths shorter than 280 nm. Because of the spectral sensitivity of DNA, only the UVC region demonstrates significant germicidal properties. As evident by multiple research studies and reports, when biological organisms are exposed to deep UV light in the range of 200 nm to 300 nm it is absorbed by DNA, RNA, and proteins. With two 0.7W (1.4W combined power) UVC Light Click is a perfect solution as a small surface disinfection tool.

UVC Light Click board™ 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.

WARNING: UV Light Hazard Avoid Looking Directly at Light!!!

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	LED Drivers,UVC Light
Applications	Disinfection, chemical and biological analysis and many more
On-board modules	3535UVC1W, TPS61169
Key Features	Deep Ultraviolet LED, Flat View Angle, Peak Wavelength at 275nm
Interface	GPIO
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[UVC Light click 2D and 3D files](#)

[TPS61169 datasheets](#)

[MC34671 datasheets](#)

[UVC Light click example on Libstock](#)

[UVC Light click schematic](#)

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