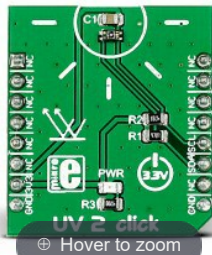


UV2 click

PID: MIKROE-2378

Weight: 22 g

UV 2 click is a mikroBUS™ add-on board with a **VEML6075** UVA and UVB light sensor. VEML6075 is a CMOS chip that incorporates a photodiode, amplifiers, and analog/digital circuits.




UV 2 click
⊕ Hover to zoom




Quantity

1  - +

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DESCRIPTION

SPECIFICATION

DOCUMENTATION

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UV 2 click is a mikroBUS™ add-on board with a **VEML6075** UVA and UVB light sensor. VEML6075 is a CMOS chip that incorporates a photodiode, amplifiers, and analog/digital circuits.

With UV 2 click, Solar ultraviolet light intensity is converted to 16-bit digital values. UVA and UVB are in separate channels. To keep a stable output in changing temperature conditions, the chip has temperature compensation capabilities. This ensures reliable performance under long term UV exposure.

The sensor has a specified UVA sensitivity of 365 nm and UVB sensitivity of 315 nm

The board communicates with the target MCU through the mikroBUS™ I2C interface. Designed to use a 3.3 power supply only.

Downloads



UV 2 click Examples 



UV 2 click Documentation 



UV 2 click Schematic



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