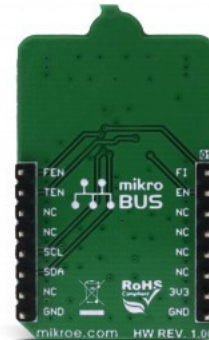


LED Flash 2 click



PID: MIKROE-2830

LED Flash 2 click is a powerful flash/torch click, featuring the [MIC2870](#) from [Microchip](#), a high-efficiency flash LED driver, optimized for driving one or two high-brightness camera flash LEDs. The MIC2870 IC can drive one high brightness LED up to 1.5A or two high brightness LEDs, up to 750mA each. Two high brightness LEDs are already mounted on the Led Flash 2 click, so the click board is ready to be used right away.

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 Segment
Applications	Flash or torch light for various hand-held devices, such as the small camera light or a cell phone flashlight. It can be also used as a signal light, bicycle light, car taillight, etc.
On-board modules	MIC2870 - synchronous boost flash LED driver from Microchip
Key Features	High efficiency LED driver operating in two modes - Flash and Torch. Drives two high brightness LEDs with up to 750mA, short circuit and open circuit detection on the output, easy to use via the dedicated pins or ultra fast I2C interface, up to 3.4MHz.
Interface	I2C
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™ standard specifications](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

Downloads

[LED Flash 2 click example on Libstock](#)

[MIC2870 datasheet](#)

[LED Flash 2 click schematic](#)

[LED Flash 2 click 2D and 3D files](#)

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