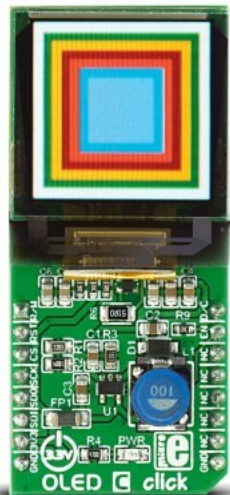


OLED C Click



PID: MIKROE-1585

OLED C Click is a compact add-on board that contains a small 96x96 high-color OLED display. This board features the [PSP27801](#), a full-color square OLED display from Shenzhen Boxing World Technology. The PSP27801 can display up to 65K/262K different colors and shades on a compact 1.12-inch size display. It provides a very good brightness-to-contrast ratio, a good angle of view, low power consumption, good picture quality, response times, and more. The display also comes with dimensions of 25x25mm (20.14x20.14mm active area) with an integrated OLED controller, the [SSD1351](#), accessible through the configurable SPI serial interface. This Click board™ is suitable for applications that require displaying some information on the screen in the form of a diagram, text, or a pie chart.

OLED C 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	OLED
Applications	Can be used for applications that require displaying some information on the screen in the form of a diagram, text, or a pie chart
On-board modules	PSP27801 - full-color square OLED display from Shenzhen Boxing World Technology
Key Features	Low power consumption, 96x96px resolution, 20.14x20.14mm active area, full-color display, integrated SSD1306 driver IC, SPI serial interface, high contrast, wide viewing angle, anti-glaze polarizer, and more
Interface	SPI
ClickID	Manifest,No
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

[OLED C click example on Libstock](#)

[PSP27801 datasheet](#)

[SSD1351 datasheet](#)

[OLED C click schematic](#)

[OLED C click 2d and 3d files](#)

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