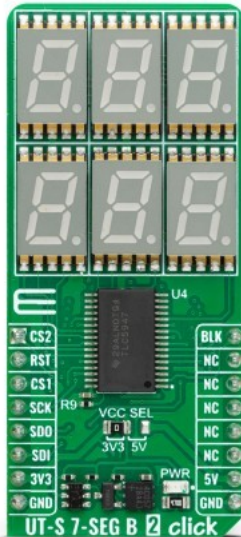


## UT-S 7-SEG B 2 Click



PID: MIKROE-5912

**UT-S 7-SEG B 2 Click** is a compact add-on board that presents an easy solution for adding a numeric or hexadecimal display to your application. This board features the [TLC5947](#), a constant-current sink LED driver from [Texas Instruments](#), alongside six ultra-thin blue single-digit numeric displays, the [JSS-3011BUB-21](#). The displays are small in size (0.39 inches in height) and can display letters, numbers, and symbols in a highly readable form. The host MCU can control the light intensity of the blue segments of the display. This Click board™ makes the perfect solution for the development of many applications requiring a visible display or others that display numerical/textual information.

UT-S 7-SEG B 2 Click is fully compatible with the mikroBUS™ socket and can be used on any host system supporting the [mikroBUS™](#) standard. It comes with the [mikroSDK](#) open-source libraries, offering unparalleled flexibility for evaluation and customization. What sets this [Click board™](#) apart is the groundbreaking [ClickID](#) feature, enabling your host system to seamlessly and automatically detect and identify this add-on board.

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,LED Drivers
Applications	Can be used for the development of many applications requiring a visible display or others that display numerical/textual information
On-board modules	TLC5947 - constant-current sink LED driver from Texas Instruments
Key Features	0.39-inch digit height, 7 blue segments and eighth decimal point, light intensity control, low current operation, excellent character appearance, displays letters, numbers, and symbols, and more
Interface	SPI
ClickID	Yes
Compatibility	mikroBUS™
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V

## Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

## Downloads

[UT-S 7-SEG B 2 click example on Libstock](#)

[UT-S 7-SEG B 2 click schematic](#)

[JSS-3011BUB-21 datasheet](#)

[TLC5947 datasheet](#)

[UT-S 7-SEG B 2 click 2D and 3D files](#)

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