MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

LCD Mono Click

PID: MIKROE-3789

LCD Mono Click is a Click board™ that uses the LS013B7DH03 LCD display from Sharp which combined with the EFM32, from Silicon Labs, and its energy saving capabilities creates a powerful display application. The application is capable of driving a 128x128 pixel display drawing as little as 2 μA while showing a static image. Even when updating the frame every second the current consumption can be lower than 5 μA.

LCD Mono 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.

Specifications

Type	LCD
Applications	128x128 pixels monochrome display, with a 3-wire SPI interface
On-board modules	LS013B7DH03 LCD display from Sharp
Key Features	EFM32 helps reduce power consumption, driving a 128x128 pixel display drawing as little as 2 µA while showing a static image
Interface	GPIO,SPI
ClickID	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

LCD Mono click example on Libstock

LCD Mono click 2D and 3D files

LS013B7DH03 datasheet

LCD Mono click schematic

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).