MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
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Mikromedia 7 Resistive



PID: MIKROE-6171

Sound, connectivity & expandibility

A very popular WiFi module labeled as CC3100 enables WiFi connectivity. This module is the complete WiFi solution on a chip: it is a powerful WiFi network processor with the power management subsystem, offering the TCP/IP stack, powerful crypto engine with 256-bit AES support, WPA2 security, SmartConfig™ technology, and much more.

Resource-demanding and complex audio processing tasks can be offloaded from the host MCU by utilizing a dedicated audio CODEC IC, labeled as VS1053B. This IC supports many different audio formats, commonly found on various digital audio devices.

State of the art power supply, Display & Graphics controller

A high-quality 7" TFT true-color display with a resistivetouch panel is the most distinctive feature of the Mikromedia 7. The display module is controlled by the SSD1963 graphics driver IC from Solomon Systech. This is a powerful graphics coprocessor, equipped with 1215KB of frame buffer memory. It also includes some advanced features such as the hardware accelerated display rotation, display mirroring, hardware windowing, dynamic backlight control, programmable color and brightness control, and more.

Specifications

Type	mikromedia 7
Display size	7"

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).

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Resolution	800x480px
Graphic controller	SSD1963
Touch Screen	Resistive
Silicon Vendor	NXP,STM,Texas Instruments
mikroBUS No.	5
Frame Type	Standard
Features	WiFi,USB Type C,USB Host,Temperature sensor,Buzzer,SD Card,RGB LED,RF,Optical sensor,ON/OFF switch,MP3,IR receiver,External DC source,ETH,Battery Powered,Battery for RTC,Batt. Chg. when OFF,Accel
Display type	mikromedia

Downloads

Mikromedia 7 Resistive manual

Mikromedia 7 Resistive schematic

Mikromedia 7 Resistive 2D and 3D files

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