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Mikromedia 3 for STM32F4 Resistive

PID: MIKROE-6131

Sound, connectivity & expandibility

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.

This development board is not limited to multimedia-based applications only. USB, digital motion sensor, battery charging functionality, SD card reader, and much more expands its use beyond the multimedia.

State of the art power supply, Display & Graphics controller

A high-quality 3.5" TFT true-color display with a resistive touch panel is the most distinctive feature of the mikromedia 3. 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

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Type	mikromedia
Architecture	ARM (32-bit)
Display size	3.5"
Resolution	320x240px
Graphic controller	SSD1963
Touch Screen	Resistive
Silicon Vendor	STM
Features	Accel,Batt. Chg. when OFF,Battery Powered,External DC source,MP3,ON/OFF switch,SD Card,USB Host,USB Type C

Downloads

[Mikromedia 3 for STM32 Resistive schematic](#)

[Mikromedia 3 for STM32 Resistive manual](#)

[Mikromedia 3 for STM32 Resistive 2D and 3D files](#)

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