



Smart Displays

mikromedia

mikromedia 2.8"

mikromedia for PSoC 5LP



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mikromedia for PSoC 5LP

PID: MIKROE-1448

Weight: 360 g

Compact high-quality smart display and a development platform with **CY8C5868AXI-LP035** device. Large 320x240 TFT Color Display with Touch Screen and Stereo MP3 Codec chip with great performance give you true power to build GUI-centric embedded applications. This board can be used for both development or as a final product.

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Start building your first applications with intuitive, user-friendly menus and dashboards using Cypress PSoC-5LP ARM Cortex-M4 microcontroller. This board provides a compact high-quality multimedia development platform for **CY8C5868AXI-LP035** device.

Highlights. Large 320x240 TFT Color Display with Touch Screen and Stereo MP3 Codec chip with great performance give you true power to build GUI-centric embedded devices. Charge your batteries directly from USB port. No additional electronics, or expensive adapters. You can save pictures, sounds and other media files on microSD memory card and 8Mbit Serial Flash Memory and use it in your application. On-board **ADXL345** Digital Accelerometer allows you to measure acceleration.

Programming. On-board PSoC® 5LP microcontroller is preprogrammed with fast USB HID bootloader, so it's ready to work right out of the box. You don't have to spend a dollar more on programmers. For those who need it, board can also be programmed and debugged using **mikroProg™ for PSoC® 5LP** debugger.

Compilers. mikromedia for PSoC® 5LP is fully supported by **PSoC® Creator™**, the free Windows-based IDE from Cypress which allows concurrent hardware and application firmware design.

Downloads

-  mikromedia for PSoC® 5LP Examples 
-  mikromedia for PSoC® 5LP Bootloader
-  mikromedia for PSoC® 5LP User Manual
-  mikromedia for PSoC® 5LP Pinout
-  mikromedia for PSoC® 5LP Schematic
-  mikromedia for PSoC® 5LP AutoCad File

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MikroElektronika d.o.o., Batajnički drum 23 11186 Belgrade Europe



Call us now: +381 11 7857600



Email: sales@mikroe.com



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