



Smart Displays

mikromedia

mikromedia 2.8"

mikromedia for PIC18FJ



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mikromedia for PIC18FJ

PID: MIKROE-607

Weight: 300 g

Compact high-quality smart display and a development platform with **PIC18F87J50** 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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If you are a beginner, you can start building your first applications with intuitive, user-friendly menus and dashboards using PIC18F microcontroller. This board provides a compact high-quality multimedia development platform for **PIC18F87J50** 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 PIC18FJ 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 the external **mikroProg programmer**.

Compilers. Mikromedia for PIC18FJ is fully supported by **mikroC**, **mikroBasic** and **mikroPascal** compilers for PIC. Compilers come with dozens of examples that demonstrate every feature of the board.

GUI design with Visual TFT. Easily create fantastic colourful graphical user interfaces (GUI) for mikromedia in **VisualTFT software**. Even total beginners will be able to create amazing applications.

Downloads



MikroMedia for PIC18FJ Schematic



MikroMedia for PIC18FJ Examples [↗](#)



MikroMedia for PIC18FJ User Manual



MikroMedia for PIC18FJ Pinout



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