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

Mikromedia 3 for STM32F2 Capacitive FPI with bezel

PID: MIKROE-4312

Rich with peripherals

Mikromedia 3 for STM32F2 CAPACITIVE FPI with bezel 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.

Mikromedia 3 for STM32F2 CAPACITIVE FPI with bezel has two mikroBUS™ Shuttle connectors, a brand-new addition to the mikroBUS™ standard in the form of a 2x8-pin IDC header with 1.27mm (50mil) pitch. mikroBUS™ Shuttle extension board is an add-on board equipped with the conventional mikroBUS™ socket, which ensures compatibility with 894 Click boards™.

Awesome graphics on MCU driven TFT

Mikromedia 3 for STM32F2 CAPACITIVE FPI with bezel is a compact development board designed as a complete solution for the rapid development of multimedia and GUI-centric applications. By featuring a 3.5" TFT display with capacitive touch screen driven by the powerful graphics controller that can display the 24-bit color palette (16.7 million colors), along with a DSP-powered embedded sound CODEC IC, represents a perfect solution for any type of multimedia application.

Develop-on & build-in the same board

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

Mikromedia 3 for STM32F2 CAPACITIVE FPI with bezel is designed as the complete solution which can be implemented directly into any project, with no additional hardware modifications required. TFT display with bezel is ideal for handheld devices and for most applications, a nice stylish casing is all that is needed to turn the Mikromedia 3 for STM32F2 CAPACITIVE FPI with bezel development board into a fully functional, high-performance, feature-rich device. At its core, there is a powerful 32-bit STM32F207VGT6 microcontroller, produced by STMicroelectronics, which provides sufficient processing power for the most demanding tasks. This board requires the use of an external programmer and debugger, preferably CODEGRIP or mikroProg. The microcontroller can be programmed and debugged over the JTAG/SWD compatible 2x5 pin header, labeled as PROG/DEBUG.

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

Specifications

Type	mikromedia
Architecture	ARM (32-bit)
Display size	3.5"
Resolution	320x240px
Touch Screen	Capacitive
Silicon Vendor	STM
Frame Type	Bezel
Display type	mikromedia

Downloads

Mikromedia 3 for STM32F2 Capacitive FPI with bezel Manual

Mikromedia 3 for STM32F2 Capacitive FPI with bezel 2D and 3D files

Mikromedia 3 for STM32F2 Capacitive FPI with frame schematic

Mikromedia 3 for STM32F2 Capacitive FPI with bezel example on libstock