

mikromedia Plus for FT90X



PID: MIKROE-2385

Smart programmable touch display, packed with features.

Mikromedia can be used as a powerful programmable dashboard control panel for both hobby projects, but also for the entire systems. Based on the powerful [FT900](#) MCU, it represents a powerful tool for building GUI-centric HID applications.

Fast [FT900](#) microcontroller with 256KB of Flash, 256KB of shadow RAM, operating at 100 MHz. Execution from shadow RAM gives it 3.1 DMIPS/MHz.

See the big picture. A 4.3" touch screen driven by [FT810](#) graphics controller from FTDI delivers crystal sharp image in 480x272px resolution.

Nordic's nRF240L01+ transceiver with active chip antenna will make you forget about wires. Drive it with simple SPI commands. It that easy.

Board has it all: USB connector, temperature sensor, PIN photosensor, IR receiver, accelerometer, battery charger, MP3 codec, buzzer, etc.

Specifications

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).

Type	mikromedia 7
Architecture	FT90x (32-bit)
Display size	4.3"
Resolution	480x272px
Graphic controller	FT810
Touch Screen	Resistive
Silicon Vendor	FTDI
Frame Type	Standard
Features	External DC source, Temperature sensor, SD Card, RGB LED, RF, Optical sensor, ON/OFF switch, MP3, IR receiver, Battery Powered, Accel
Display type	mikromedia

Downloads

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[mikromedia Plus for FT90X Examples v220](#)

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[mikromedia Plus for FT90X schematic](#)

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