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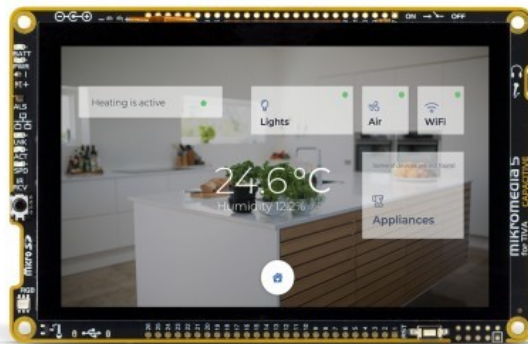www.mikroe.com

Mikromedia 5 for TIVA Capacitive

PID: MIKROE-4173

Rich with peripherals

Mikromedia 5 for TIVA CAPACITIVE is not limited to multimedia-based applications only. USB, Ethernet, WiFi and RF connectivity options, digital motion sensor, battery charging functionality, piezo-buzzer, SD card reader, RTC, and much more expands its use beyond the multimedia.

Two standardized 1x26 pin headers expose the available MCU pins to the user, adding another layer of expandability. By using mikromedia 5 shield, connectivity can be further expanded with several mikroBUS™ sockets, additional connectors, peripherals, and so on.

Awesome graphics on MCU driven TFT

Mikromedia 5 for TIVA CAPACITIVE is a compact development board designed as a complete solution for the rapid development of multimedia and GUI-centric applications. By featuring a 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

Mikromedia 5 for TIVA CAPACITIVE is designed as the complete solution which can be implemented directly into any project, with no additional hardware modifications required. At

its core, there is a powerful 32-bit TM4C129XNCZADI3 microcontroller, produced by Texas Instruments, which provides sufficient processing power for the most demanding tasks. Four mounting holes at all four corners allow simple installation with mounting screws. For most applications, a nice stylish casing is all that is needed to turn the Mikromedia 5 for TIVA CAPACITIVE development board into a fully functional, high-performance, feature-rich device.

Specifications

Type	mikromedia
Architecture	ARM (32-bit)
Display size	5" | 800x480px
Resolution	800x480px
Touch Screen	Capacitive
Features	IR receiver,WiFi,USB Type C,USB Host,Temperature sensor,SD Card,RGB LED,RF,Optical sensor,ON/OFF switch,MP3,External DC source,ETH,Buzzer,Battery Powered,Battery for RTC,Batt. Chg. when OFF,Accel
Display type	mikromedia

Downloads

Mikromedia 5 for TIVA Capacitive schematic

Mikromedia 5 for TIVA Capacitive manual

Mikromedia 5 for TIVA Capacitive example on libstock

Mikromedia 5 for TIVA Capacitive 2D and 3D files

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