



DESCRIPTION & FEATURES

Add some sizzle to your project with a beautiful large touchscreen display shield with built in microSD card connection and a capacitive touchscreen.

This TFT display is big (2.8" diagonal) bright (4 white-LED backlight) and colorful (18-bit 262,000 different shades)! 240x320 pixels with individual pixel control.

It has way more resolution than a black and white 128x64 display. As a bonus, this display has a capacitive touchscreen attached to it already, so you can detect finger presses anywhere on the screen.

This shield uses SPI for the display and SD card and is easier to use with our PLC. The capacitive touchscreen controller uses I2C but you can share the I2C bus with other I2C devices.

This display shield has a controller built into it with RAM buffering, so that almost no work is done by the PLC.

HEMKUNT electronics specializes in customizing designs to specific customer needs for a wide range of applications. Please feel free contact us to provide the optimal solution for your specific needs.

TECHNICAL DETAILS & FEATURES

- # 2.8" diagonal color touchscreen TFT
- # 240x320 resolution, 18-bit (262,000) color - our library uses 16 bit color mode
- # ILI9341 (datasheet) controller with built in video RAM buffer
- # FT2606 touch screen controller
- # High speed SPI display with digital I2C touchscreen driver
- # Works with our mini PLC.
- # Onboard 3.3V @ 300mA LDO regulator, current draw depends on usage but is about 100mA for the display and touchscreen

As a result of our policy of continual improvement, the information in this document is subject to change without any notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.

our product should be installed by a qualified personnel only, therefore any use of this application is at the installer's own risk and should be accessed appropriately.

HEMKUNT ELECTRONICS

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