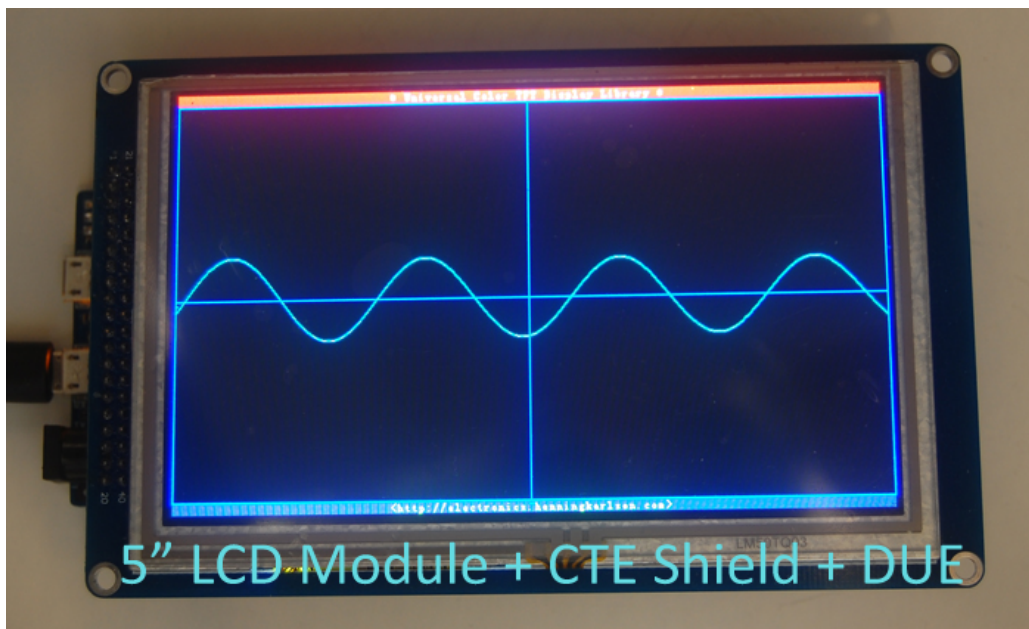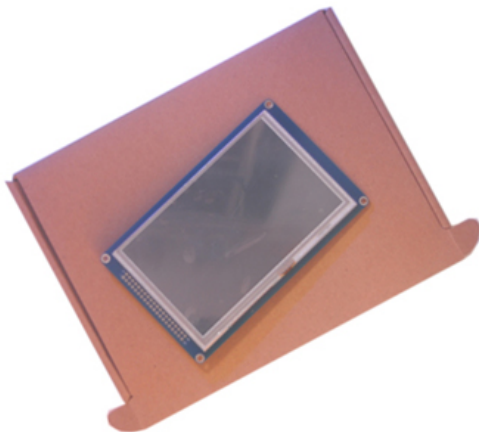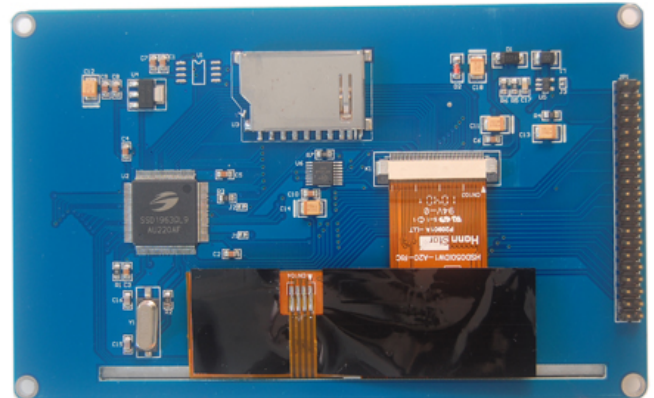# 100% brand new 5.0 Inch TFT LCD module(w/touchscreen, SD cage) (also for Arduino MEGA or DUE)

Description:

This 5.0" TFT LCD Module can be can be easy controlled by MCU such as STM32, 8051, PIC, AVR, ARDUINO, and ARM .It can be used in any embedded systems which require display high quality colorful image. The Module used SSD1963 LCD controller with 5 inch LCD module with touchpad. The PCB include a DC-DC switching boost converter to supply power to LCD backlight. SSD1963 has internal PWM controller to control the LCD backlight.

This LCD has a superior display quality and super wide viewing angle, please see the sample pictures, they are taken directly from the LCD display.
The LCD has a SD slot, SPI flash footprint. It's pinout is pin to pin compatible with TFT Shield for arduino MEGA 2560.

For Arduino usage, they are compatible with Arduino MEGA 2560 and Arduino DUE, with the CTE Mega and DUE shield available in our stores.
To use the module on Arduino DUE, please use THIS shield,
To use the module on Arduino MEGA 2560 , please use THIS shield,

The LCD module support Henning Karlsen's UTFT library, which can be downloaded here:
http://electronics.henningkarlsen.com/
To run the demo, just choose Demo_800x480 and adjust LCD module name to CTE50

If you need to draw text and images with arduino for your application development, please use THIS 5" LCD Module, which has an onboard font IC and images import tool.

Package List:
1. 5.0" TFT LCD Module (Shipped in retail box with registered airmail with tracking number)
2. Screen Protector for free if the LCD is bought together with Arduino CTE Shield for DUE or MEGA2560)

Download:

   Download for Pin definition, LCD/IC datasheet, PCB schematic and Initialization code

Features:

- 5.0" TFT LCD Module, Resolution 800x400, SSD1963 Controller
- LCD Type: TFT Transmissive Normal White super wide viewing angle
- LCD Panel: HannStar HSD050IDW1
- Interface: 8/16bit parallel bus interface
- PCB Color: Blue
- On board DC-DC Boost regulator TPS61040 to provide power supply to LCD backlight
- With SD Cage and Flash IC footprint reserved
- LCD-specified intialization code is provided, so that you can save time to optimize power control register and gamma curves for best display performance. We have test the provided code, it gives the best display performanace
- Module dimension: 133mmx85mmx23mm(including pin header extrusion)
- Active Area: 108mmx65mm
- Pixel pitch: 0.135mmx0.135mm
- Standard 2x20 2.54mm pin header for connection to MCU/development board
- Module weight: 170grams

About us:

We specialized in providing TFT LCD modules embedded systems for fun and creativity. TFT LCD models are tested and selected for sale for greatest quality and lowest price. Models-specific initialization code is provided to save your time in optimizing power control and gamma values for your TFT LCD.

Shipping:

- Shipping Service: All items will be sent from Hong Kong by HK Post directly to destination, no time-wasting routing through different countries.
- **Economy Int'l Shipping** (This is the default shipping method, unless specified): This shipping use normal airmail post and is not trackable
- **Standard Int'l Shipping** (For an additional charge of USD$2.5) This shipping use registered airmail post and is trackable in Hongkong Post and Post Website of some countries. Items will be sent to you as a registered packet.
- **Express Int'l Shipping :** This shipping use HK Speed post, DHL, Fedex or UPS. Usually they takes 4-7 workdays. If you need your items to be shipped in this way, please contact us and we will change the shipping charges.
- Item will ship to your Paypal Confirmed Address, so please make sure your shipping address is correct before you buy item.
- Buyer need ship to other address (not Paypal confirmed address) should contact us before buying the item.
- We have no responsiblity for wrong shipping due to shipping address provided wrongly.
- Normally, import taxes does not apply on samples and small quantities. However, if import duties, taxes and charges imposed, we are not responsible for these charges.

Delivery Time:

- Items will be ship within 3 business days once full payment is settled.
- The chart shown are not the actual time, they are only for your reference. Delivery time depends on the efficiency and performance of   the local post office and customs, We hope you can understand for the uncontrollable shipping time.

Country	Delivery Time
United States	7-12 Working Days
United Kingdom	7-14Working Days
Canada	7-14Working Days
Australia	7-14Working Days
France	14-21 Working Days
Italy	14-21 Working Days
Spain	14-21 Working Days
Rest of Europe	14-21 Working Days
Asia	7-12 Working Days
South America	14-28 Working Days
Other countries	21-30 Working Days

Payment:

We only accept Paypal and we will ship out the items within three days after payment is confirmed

Replacement and Exchange

1. Exchange/replace item within 7 days counting from the day you receive merchandise.
2. Buyer will pay the return shipping cost regardless any reasons. No exception.
3. Exchange/replace item if only item is in same condition as when we shipped out. No exception.
4. Unwanted product returns will be subject to a 15% restocking fee and merchandise must be in the unused condition only.

Ratings and Feedback:

    1. When you receive the shipment and satisfied with the product, please leave us positive feedback and 5 STAR scores DSR. We will do the same for you.

    2. Please DO NOT open case with Ebay or leave neutral/negative feedback without any communication with us. If, for any reason you are not satisfied with your transaction, please contact us via Ebay Message or e-mail us and we will do our best to resolve the issue.