3.2-inch TFT

http://ttmcu.taobao.com

Test procedures wiring instructions:

Code test environment: JME-2 core board + 1T STC microcontroller instruction cycle (51 cores STC12LE5A60S2) + 33M crystal Microcontroller operating voltage of 3.3V

Program default IO connections:

Line of Control: RS-P3 ^ 5; WR-P3 ^ 6; RD-P3 ^ 7; CS-P1 ^ 0; REST-P1 ^ 2;

Data lines: DB0-DB7 in turn connected P0 ^ 0-P0 ^ 7; DB8-DB15 turn connected P2 ^ 0-P2 ^ 7;

:(Not touch function connection may not be connected using the touch)

D_CLK-P1 ^ 7; D_CS-P1 ^ 4; D_DIN-P3 ^ 0; D_OUT-P3 ^ 1; D_PENIRQ-P3 ^ 4;

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● **TFT** Power: The screen power for **2.8-3.3V;** remember not to use **5V**

(Modules with PCB has inherited 3V regulator IC, you can enter 5V)

● backlight power **(LED_A pin): 3.2V** maximum backlight power

(At 3.3V power supply can be cascaded in series 20 ohm current limiting resistor or 5V 200 ohm resistor).

● data port level: theoretically can not get the data port level exceeds 3.3V, 5V, if you must use a microcontroller

IO data bus connection, since tft internal voltage clamp, can be used with, but not always the norm.
You can do an experiment to test a sample batch made product, to improve product stability, it is best to make

Low voltage microcontroller or add a level converter IC.