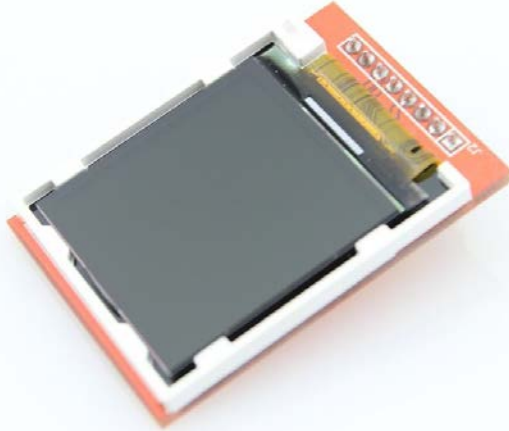


Module LCD 128 x 128 Screen (TF010)



Description:

This Color TFT LCD display has 128 x 128 resolution and 262 color, it uses SPI interface to communicate with controller such Arduino, it is the best upgrading of the Nokia5110.

Specification:

- Screen size: 1.44 inch
- Interface: SPI
- Resolution: 128*128
- Visual area: 1:1 square
- TFT color screen, the effect is far better than other small CSTN screen
- Drive IC: ILI9163
- Fully compatible and alternative 5110 interface
- Onboard LDO, support 5V/3.3V input voltage, the LED backlight, 3.3V input
- Demension: 44*31*13mm
- Weight: 10g

The following connections work for an Uno:

Uno Pin	TFT LCD Pin	Function
5V	VCC	Power
GND	GND (either is OK)	Ground
3.3V	LED	LED backlight control
D13	CLK	Clock signal
D11	SDI	Data signal
D9	RS	Command/data select
D8	RST	Reset
D10	CS	Chip select

Included with the (currently version 1.6.7) Arduino IDE, the TFT library is the easiest way to interface to the display module. Example code can be found under File>Examples>RETIRED>TFT>Arduino.

The library is documented at <https://www.arduino.cc/en/Reference/TFTLibrary>, and this page also details how to connect the display to other Arduino boards.