

全新3.5寸TFT彩屏模組Arduino Mega2560專用，  
320X480高清解析度，送配套資料

如需配套資料，請聯繫客服

發貨清單：3.5寸TFT彩屏模組X1塊（不含Arduino  
Mega2560開發板）

如果需要rduino Mega2560開發板請聯繫客服另外  
購買

## Features

- **Support Arduino Mega2560 Directly inserted**
- **OnBoard level conversion chip for 5V/3.3V MCU**
- **Compatible with 3.3/5V operation voltage level**
- **Compatible with Arduino-Series development Board.**
- **Compatible with UTFT / UTFT\_Buttons /Utouch Library for arduino.**
- **provided 12-examples with Arduino ,3-examples with STM32**
- **With SD Card Socket**
- **With SPI FLASH circuit**

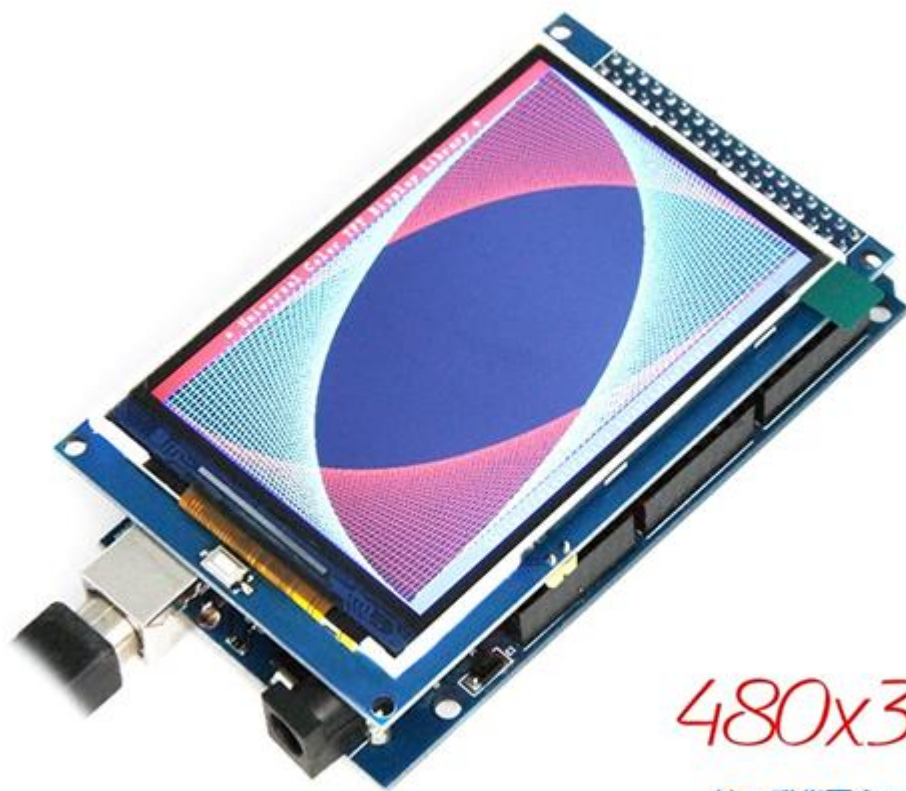
## Specifications

Item	Description
Display Type	3.5 inch TFT LCD Module
Glass Type	TFT
Display Resolution	480XRGBX320 Pixels
Back light	6 chip HighLight white LEDs
Control IC	ILI9486/ILI9488
Interface	16Bit parallel interface
PCB Module size	96.60mmX60.30mm
LCD Area(WxHxT)	84.96mmX55.5mmX2.55mm
Active Area(WxH)	73.44mmX48.96mm
Module weight	TDB

## Electrical Characteristics

Specification	Min	Type	Max	Unit	
Power Voltage(VDD/VCC)	4.5	5	5.5	VDC	
IO Pins Voltage	MCU Voltage = 3.3V	2.8	3.3	3.6	V
	MCU Voltage = 5V	4.5	5	5.5	
BackLight Voltage	2.8	3.2	3.3	V	
Current Consumption	-	150	-	mA	

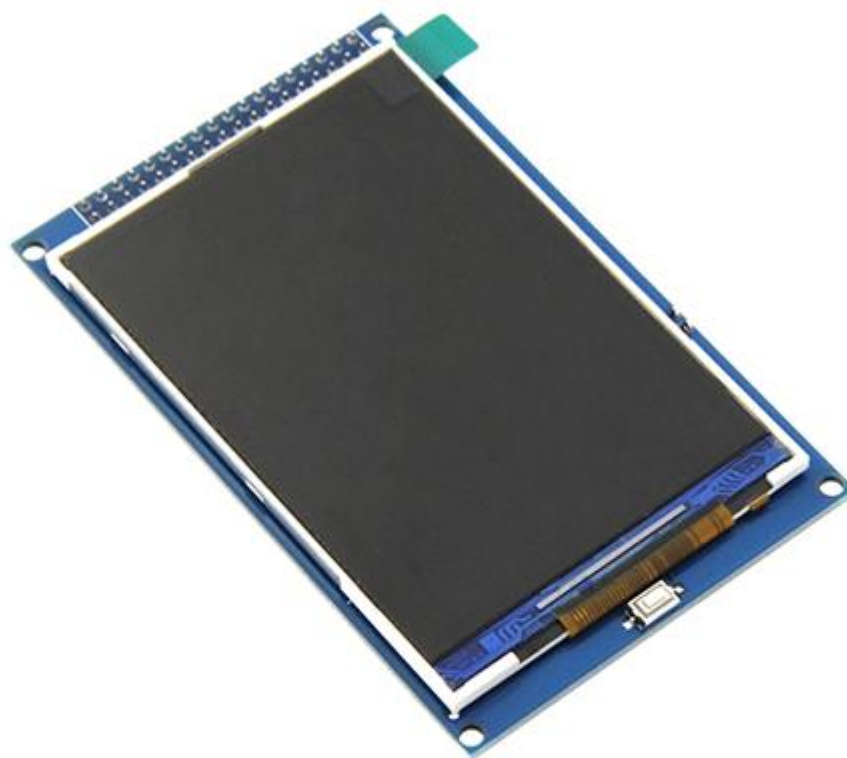
# 3.5寸Arduino高清TFT

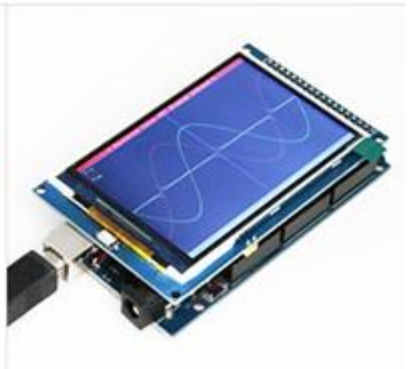
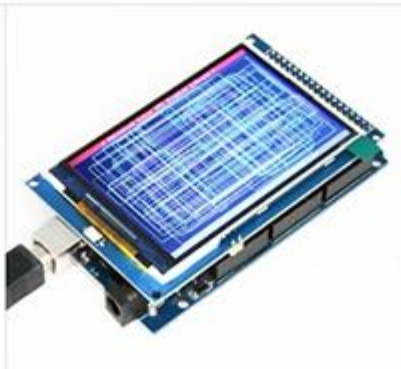
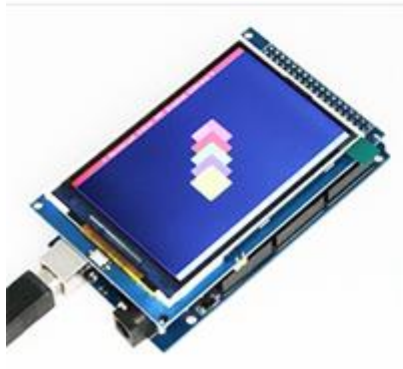
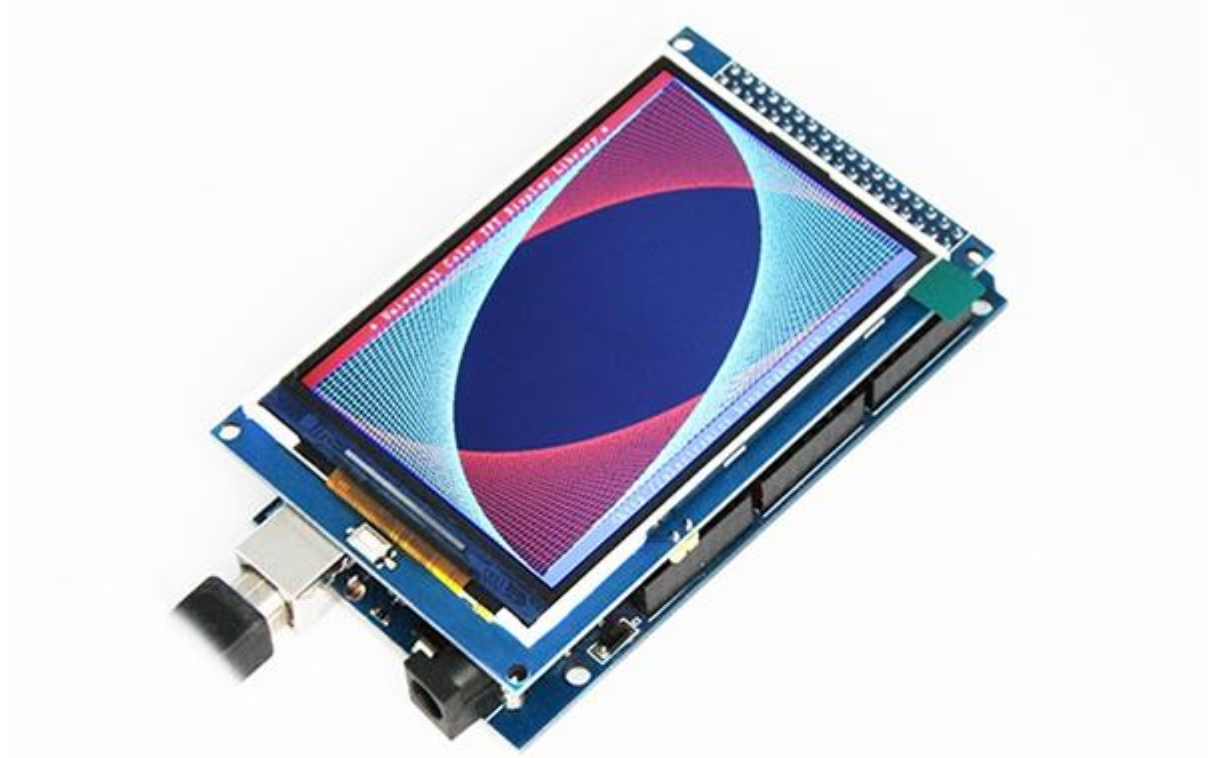


480x320

注：發貨不含2560底板

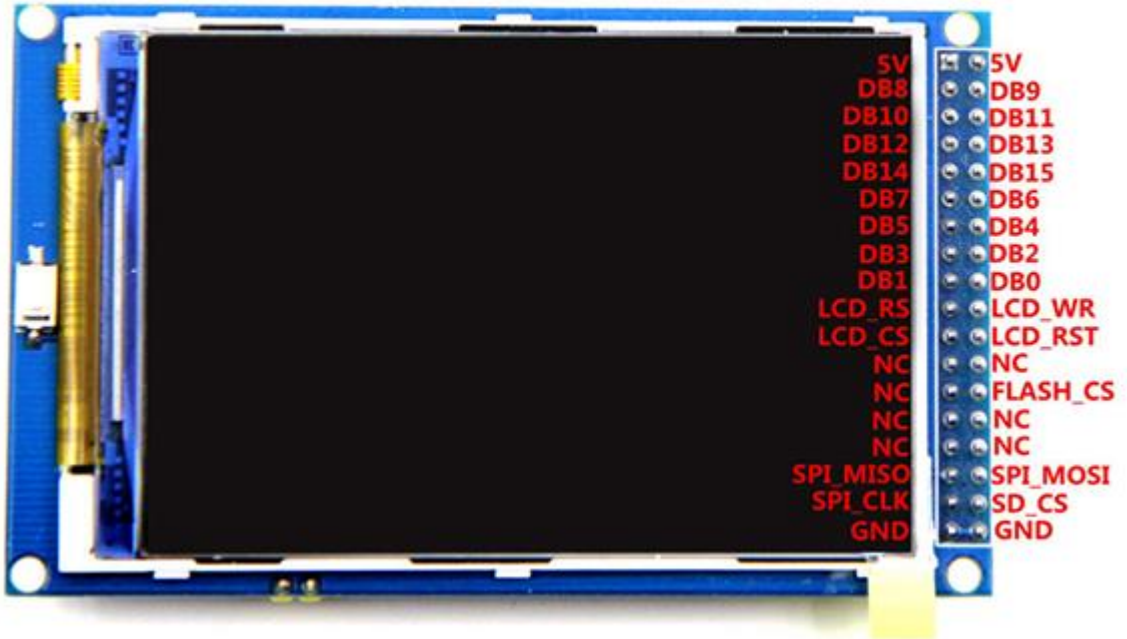
提供Arduino庫程式，Mega2560隨插即用



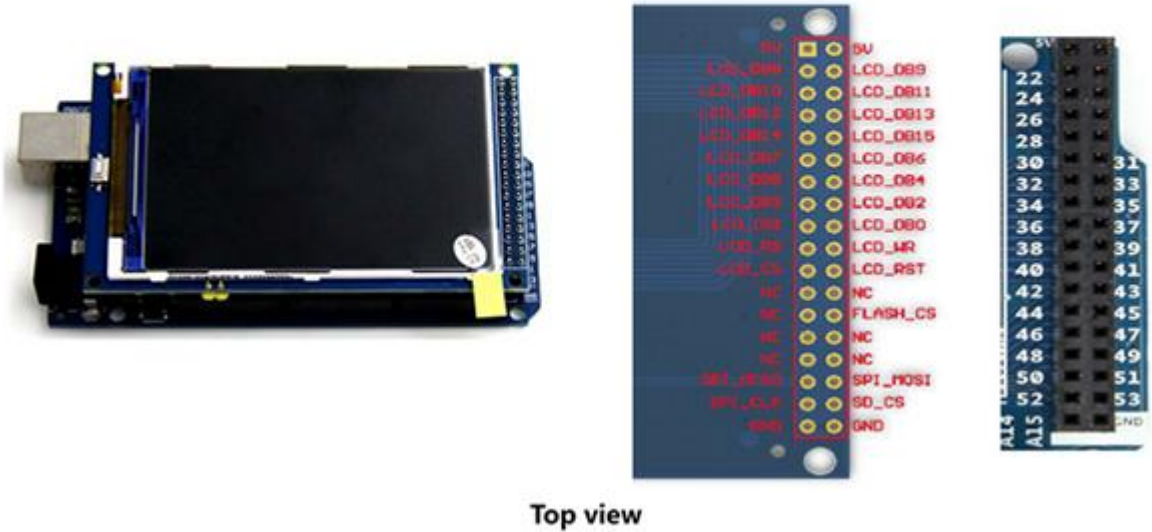




## PinMap



## How to Connect with Mega2560



# Hardware

Pin Map			
No	Pin	Type*	Description
1	5V	P	5V Power Supply in
2	5V	P	5V Power Supply in
3	LCD_DB8	I	Data Bus
4	LCD_DB9	I	Data Bus
5	LCD_DB10	I	Data Bus
6	LCD_DB11	I	Data Bus
7	LCD_DB12	I	Data Bus
8	LCD_DB13	I	Data Bus
9	LCD_DB14	I	Data Bus
10	LCD_DB15	I	Data Bus
11	LCD_DB7	I	Data Bus
12	LCD_DB6	I	Data Bus
13	LCD_DB5	I	Data Bus
14	LCD_DB4	I	Data Bus
15	LCD_DB3	I	Data Bus
16	LCD_DB2	I	Data Bus
17	LCD_DB1	I	Data Bus
18	LCD_DB0	I	Data Bus
19	LCD_RS	I	LCD Cammand/Data Selection(0:cammand;1:Data)
20	LCD_WR	I	LCD Write signal
21	LCD_CS	I	LCD Chip Selection,Low level active
22	LCD_RST	I	LCD Reset(Low level Enable)
23	NC	-	No connection
24	NC	-	No connection
25	NC	-	No connection
26	FLASH_CS	I	Exten circuit: SPI_FLASH Chip Sellation
27	NC	-	No connection
28	NC	-	No connection
29	NC	-	No connection
30	NC	-	No connection
31	SPI_MISO	O	Exten circuit: SPI Bus Data output
32	SPI_MOSI	I	Exten circuit: SPI Bus Data input
33	SPI_CLK	I	Exten circuit: SPI Bus Clock
34	SD_CS	I	Exten circuit: Extern SDCard Chip Sellation
35	GND	G	Ground
36	GND	G	Ground

\* : P:Power supply;G:Ground;I:Input;O:Output



