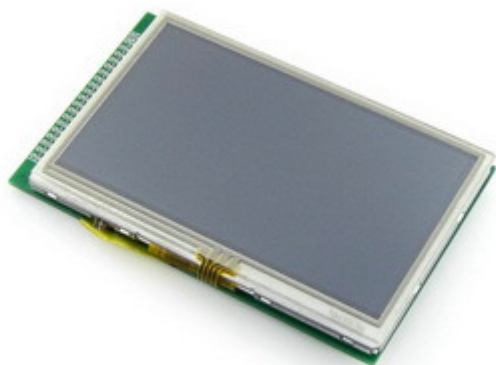


**4.3inch 480x272 Touch LCD (A)** - 4.3 inch 480\*272 DOTS Multicolor Graphic LCD, with touch screen.



**Key Parameters:**

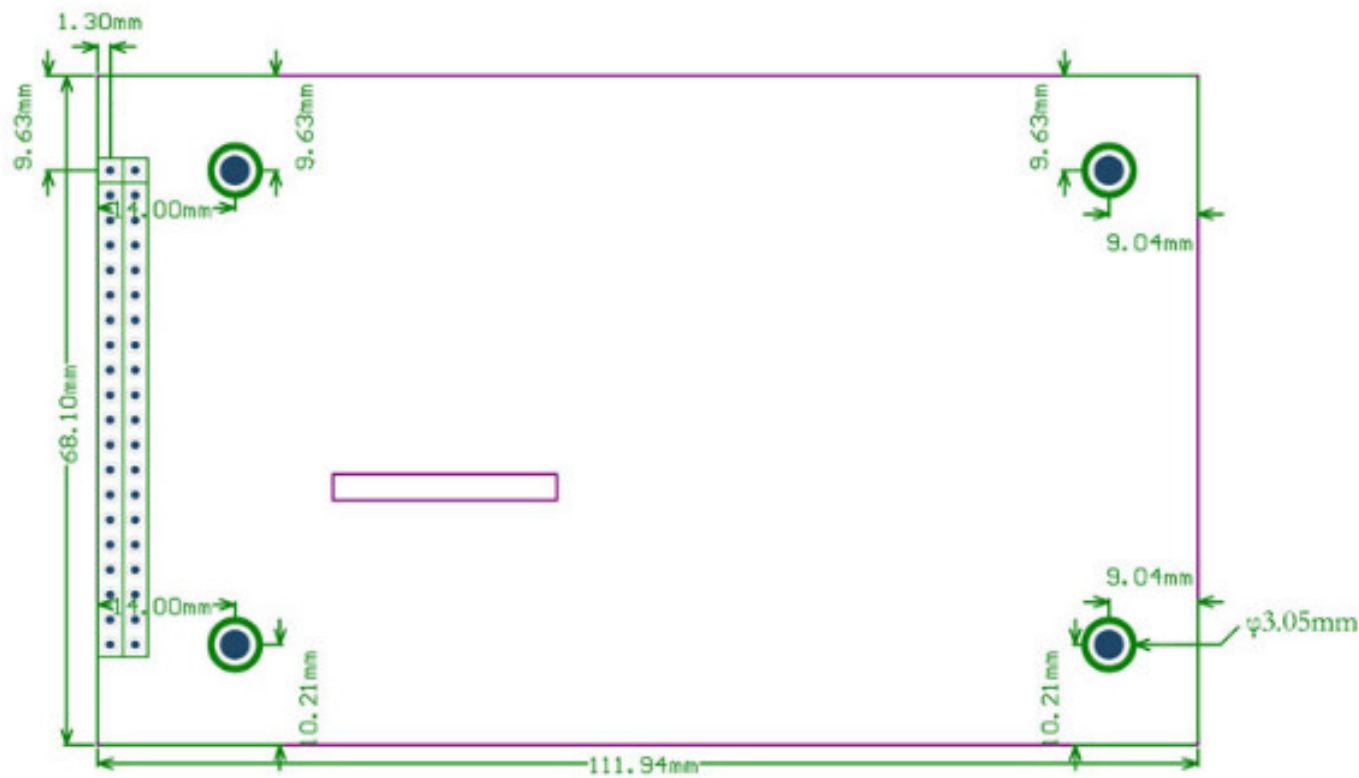
LCD Type	TFT
LCD Interface	24-bit parallel
Touch Screen Interface	4 wires resistive
Backlight	LED
Response Time (ms)	30
Contrast	500 : 1
Brightness (cd/m)	280
Display Size (mm)	95.04 (W) × 53.86 (H)
Dot Pitch (mm)	0.006 (W) × 0.198 (H)
Colors	16,777,216
Aspect Ratio	16 : 9
Resolution	480 * 272 (Pixel)
Power Consumption	56mW
Backlight Current	20mA
Operating Temp. (°C)	-20 ~ +70

PORT2

PIN NO.	SYMBOL	DESCRIPTION	Type	FUNCTION
1	5V	5V power supply	input	5V power supply
2				
3	B0	Data pin	input	Blue data
4	B1			
5	B2			
6	B3			
7	B4			
8	B5			
9	B6			
10	B7			
11	GND	Ground	input	GND
12	G0	Data pin	input	Green data
13	G1			
14	G2			
15	G3			
16	G4			
17	G5			
18	G6			
19	G7			
20	GND	Ground	input	GND
21	R0	Data pin	input	Red data
22	R1			
23	R2			
24	R3			
25	R4			
26	R5			
27	R6			
28	R7			
29	GND	Ground	input	GND
30	BL_EN	Backlight on/off	input	1 : Backlight on 0 : Backlight off
31	PWM	Backlight brightness adjustment	input	Control the backlight brightness via PWM
32	NC			
33	DE	Control mode selection	input	DE = 0 : SYNC mode DE = 1 : DE mode
34	VSNC	Vertical Synchronization	input	Vertical synchronous signal input
35	HSNC	Horizontal Synchronization	input	Horizontal synchronous signal input
36	DCLK	LCD clock	input	LCD clock signal
37	Y+	Touch screen Y+	output	Resistive Touch screen Y+ analog output
38	Y-	Touch screen Y-	output	Resistive Touch screen Y- analog output

39	X+	Touch screen X+	output	Resistive Touch screen X+ analog output
40	X-	Touch screen X-	output	Resistive Touch screen X- analog output

External Dimension



Package Contains

1. 4.3inch 480x272 Touch LCD (A) × 1
2. 40-pin FFC 0.5 150mm (opposite sides contact) x1
3. 4.3inch LCD screws pack x 1

Selection Guide

PartNumber	Touch Panel Type	Resolution	LCD Data Interface	Touch Controller	For Use With
4.3inch 480x272 Touch LCD (A)	Resistive	480x272	24PIN RGB	None	MCU with LCD controller and ADC
4.3inch 480x272 Touch LCD (B)	Resistive	480x272	24PIN RGB	XPT2046	MCU with LCD controller, without AD