

DESCRIPTION**PACKAGE CONTENT**

7 Inch 1024*600 Multicolor Graphic LCD, With Capacitive Touch Screen And Stand-Alone Touch Controller

Key Parameters

LCD TYPE	TFT
INTERFACE	RGB
TOUCH CONTROLLER	GT911
TOUCH PANEL TYPE	Capacitive (5 multi-touch)
BACKLIGHT	LED
DISPLAY SIZE (MM)	154.21 (W) × 85.92 (H)

DOT PITCH (MM)	0.0502 (W) × 0.1432 (H)
RESOLUTION	1024 x 600 (Pixel)
OPERATING VOLTAGE	3.0V~3.6V

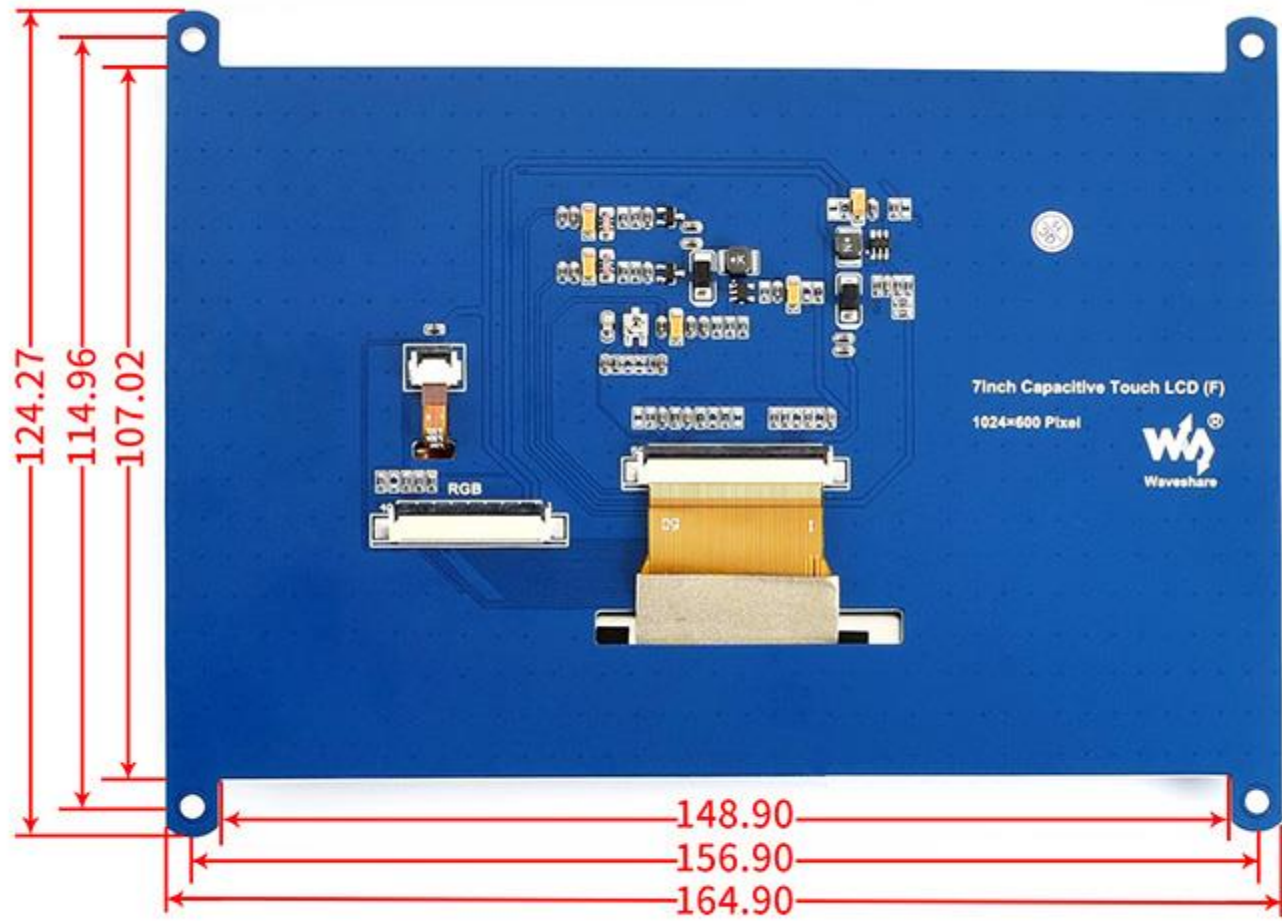
RGB Interface Definition

PIN NO.	SYMBOL	DESCRIPTION	TYPE	FUNCTION
1	BL_VDD	Power positive	Power	Backlight power, connects to 5V power supply
2	BL_VDD			
3	GND	Ground		GND
4	VDD	Power positive		Connects to 3.3V power supply

5	R0	Data pin	Input	Red data
6	R1			
7	R2			
8	R3			
9	R4			
10	R5			
11	R6			
12	R7			
13	G0	Data pin	Input	Green data
14	G1			
15	G2			
16	G3			

17	G4			
18	G5			
19	G6			
20	G7			
21	B0			
22	B1			
23	B2			
24	B3			
25	B4			
26	B5			
27	B6			
28	B7			
		Data pin	Input	Blue data

29	GND	Ground	Power	GND
30	DCLK	LCD clock	Input	LCD clock signal
31	DISP	Backlight control enable	Input	Enabled/Disable backlight control
32	HSYNC	Horizontal Synchronization	Input	Horizontal Synchronization signal input
33	VSYNC	Vertical Synchronization	Input	Vertical Synchronization signal input
34	DE	Control mode selection	Input	DE = 0 : SYNC mode DE = 1 : DE mode
35	PWM	Backlight brightness adjustment	Input	PWM signal for adjusting backlight
36	GND	Ground	Power	GND
37	I2C_SDA	I2C data	Input/Output	I2C data pin, read/write data
38	I2C_SCL	I2C clock	Input	I2C clock pin
39	CAP_RST	Reset	Input	Reset the TP controller
40	CAP_INT	Interrupt	Output	External touch interrupt



Unit:mm