



2. Pin Assignments

Pin No	Symbol	Description
1	VCOM	Common Voltage
2-3	VDD	POWER SUPPLY (3.3V)
4	GND	Ground
5	NC	NC
6	STBYB	Standby mode, normally pull high (VDD 1.8V) STBYB=" 1" , normal operation STBYB=" 0" , timing control, source driver will turn off, all output are high-Z
7	GND	Ground
8	D0-N	MIPI-DSI Data differential signal input pins. (Data lane 0)
9	D0-P	MIPI-DSI Data differential signal input pins. (Data lane 0)
10	GND	Ground
11	D1-N	MIPI-DSI Data differential signal input pins. (Data lane 1)
12	D1-P	MIPI-DSI Data differential signal input pins. (Data lane 1)
13	GND	Ground
14	CLK-N	MIPI-DSI CLOCK differential signal input pin
15	CLK-P	MIPI-DSI CLOCK differential signal input pin
16	GND	Ground
17	D2-N	MIPI-DSI Data differential signal input pins. (Data lane 2)
18	D2-P	MIPI-DSI Data differential signal input pins. (Data lane 2)
19	GND	Ground
20	D3-N	MIPI-DSI Data differential signal input pins. (Data lane 3)
21	D3-P	MIPI-DSI Data differential signal input pins. (Data lane 3)
22	GND	Ground
23-24	NC	NC
25	GND	Ground
26-28	NC	NC
29	GND	Ground
30-31	LED-A	POWER SUPPLY+ FOR BACKLIGHT
32-33	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
34	GND	Ground
35	SHLR	Horizontal inversion
36	UPDN	UPDN
37	VGH	Gate ON Voltage
38	VGL	Gate OFF Voltage
39	AVDD	Power for Analog Circuit
40	RST	Global reset pin



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LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	1024 * RGB * 600	pixel
LCM Outline imension	163.60 (W) * 96.8 (H) * 2.58 (MAX)	mm
LCD Outline imension	162.50 (W) * 95.70 (H) * 1.0 (T)	mm
Active Atea	154.21 (W) * 85.92 (H)	mm
Pixel Pitch	0.1506 (W) * 0.1432 (H)	mm
Display Mode	Normally Black	
Pixel Arrangment	RGB vertical stripe	
Viewing Direction	FREE	
LCD Mode	a-Si TFT	
Color Configuration	RGB	
FPC Version	Z70013-P2 V2	
IC Driver IC	—	
Interface	MIPI	
Operating Temperature	-10℃~ 50℃	
Storage Temperature	-20℃~ 60℃	
Backlight arrangement	White LED*18	
Luminance	—	
Weight	—	