



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	800 * RGB * 1280	Pixel
LCM Outline imension	125.48 (W) * 202.9 (H) * 2.7 (T)	mm
LCD Outline imension	123.68 (W) * 200.00 (H) * 0.8 (T)	mm
Active Atea	119.28 x 190.848	mm
Pixel Pitch	149.1x 149.1	um
Display Mode	Normal Black	
Pixel Arrangement	RGB vertical stripe	
Viewing Direction	FREE	
LCD Mode	TFT	
Color Configuration	RGB	
FPC Version	Z90005-SPM228H V2	
IC Driver IC	—	
Interface	MIPI	
Operating Temperature	-10℃ ~ 50℃	
Storage Temperature	-20℃ ~ 60℃	
Backlight arrangement	LED / 5 串 6 并	
Luminance	—	
Weight	—	



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2. Pin Assignments

Pin No	Symbol	Description
1	LED-A	POWER SUPPLY+ FOR BACKLIGHT
2	LED-A	POWER SUPPLY+ FOR BACKLIGHT
3	LED-A	POWER SUPPLY+ FOR BACKLIGHT
4	NC	NC
5	NC	NC
6	NC	NC
7	NC	NC
8	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
9	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
10	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
11	GND	Ground
12	NC	NC
13	GND	Ground
14	D2-P	MIPI-DSI Data differential signal input pins. (Data lane 2)
15	D2-N	MIPI-DSI Data differential signal input pins. (Data lane 2)
16	GND	Ground
17	D1-P	MIPI-DSI Data differential signal input pins. (Data lane 1)
18	D1-N	MIPI-DSI Data differential signal input pins. (Data lane 1)
19	GND	Ground
20	CLK-P	MIPI-DSI CLOCK differential signal input pin
21	CLK-N	MIPI-DSI CLOCK differential signal input pin
22	GND	Ground
23	D0-P	MIPI-DSI Data differential signal input pins. (Data lane 0)
24	D0-N	MIPI-DSI Data differential signal input pins. (Data lane 0)
25	GND	Ground
26	D3-P	MIPI-DSI Data differential signal input pins. (Data lane 3)
27	D3-N	MIPI-DSI Data differential signal input pins. (Data lane 3)
28	GND	Ground
29	ID1	LCM-ID1
30	RST	Global reset pin
31	ID2	LCM-ID2
32	VDDI	POWER SUPPLY (1.8V)
33-34	VDD	POWER SUPPLY (3.3V)
35	GND	Ground
36	NC	NC
37	GND	Ground
38	NC	NC
39	ID3	LCM-ID3
40	NC	NC

