

2. Interface Specification

Pin No	Symbol	Description
1	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
2	NC	NC
3	LED-A	POWER SUPPLY+ FOR BACKLIGHT
4	LED-A	POWER SUPPLY+ FOR BACKLIGHT
5	NC	NC
6	TE	Serves TE (Tearing Effect) pin on MPU interface
7	LCD ID1	ID1
8	RES	Reset pin
9	LCD ID2	ID2
10	IOVDD(1.8)	I/O POWER SUPPLY (1.8V)
11	NC	NC
12	VCC(2.8)	POWER SUPPLY (2.8V)
13	VCC(2.8)	POWER SUPPLY (2.8V)
14	NC	NC
15	GND	Ground
16	D3P	MIPI-DSI Data differential signal input pins. (Data lane 3)
17	D3N	MIPI-DSI Data differential signal input pins. (Data lane 3)
18	GND	Ground
19	D2P	MIPI-DSI Data differential signal input pins. (Data lane 2)
20	D2N	MIPI-DSI Data differential signal input pins. (Data lane 2)
21	GND	Ground
22	CLKP	MIPI-DSI CLOCK differential signal input pin
23	CLKN	MIPI-DSI CLOCK differential signal input pin
24	GND	Ground
25	D1P	MIPI-DSI Data differential signal input pins. (Data lane 1)
26	D1N	MIPI-DSI Data differential signal input pins. (Data lane 1)
27	GND	Ground
28	D0P	MIPI-DSI Data differential signal input pins. (Data lane 0)
29	D0N	MIPI-DSI Data differential signal input pins. (Data lane 0)
30	GND	Ground
31	GND	Ground



Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Description

Item	Specification	Remark
Number of Pixels	720 * RGB * 1280	Pixel
LCM Outline imension	71.14 (W) * 130.20 (H) * 1.67 (MAX)	mm
LCD Outline imension	70.04 (W) * 127.1 (H) * 0.4 (T)	mm
Active Atea	68.04 * 120.96	mm
Pixel Pitch	31.5 x 94.5	um
Display Mode	Normal Black	
Pixel Arrangement	RGB Stripe	
Viewing Direction	FREE	
LCD Mode	a-Si TFT	
Color Configuration	RGB	
FPC Version	Z55215-P31H V1	
IC Driver IC	—	
Interface	MIPI	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White Led*14	
Luminance	—	
Weight	—	