



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

深圳市准亿科技有限公司 LCM 产品规格书

1. General Specifications 基本规格

项目 Item	规格标准值 Main Display	单位 Unit
显示点阵数 Number of Pixels	800 * RGB * 1280	Pixel
LCM 外型尺寸 LCM Outline imension	125.48 (W) * 202.9 (H) * 2.7 (T)	mm
LCD 尺寸 LCD Outline imension	123.68 (W) * 200.00 (H) * 0.9 (T)	mm
LCD 动态显示区 Active Atea	119.28 x 190.848	mm
像素尺寸 Pixel Pitch	0.1491x 0.1491	mm
显示方式 Display Mode	Normal Black	
像素成分 Pixel Arrangement	RGB vertical stripe	
视角 Viewing Direction	FREE	
LCD 模式 LCD Mode	TFT	
颜色排列 Color Configuration	RGB	
FPC 版本 FPC Version	Z90003-SPM228 V1	
驱动 IC Driver IC	—	
接口 Interface	MIPI	
工作温度 Operating Temperature	-10℃ ~ 50℃	
储存温度 Storage Temperature	-20℃ ~ 60℃	
背光排列方式 Backlight arrangement	LED / 5 串 6 并	
亮度 Luminance	—	
重量 Weight	—	



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2. Pin Assignments 接口定义描述

引脚号	引脚定义	功能说明
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

