



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	114.6 (W) * 184.1 (H) * 2.55(T)	mm
LCD 尺寸 LCD Outline imension	112.64 (W) * 181.8 (H) * 0.8 (T)	mm
LCD 动态显示区 Active Atea	107.64x 172.224	mm
像素尺寸 Pixel Pitch	44.85x 134.55	um
显示方式 Display Mode	Normal Black	
像素成分 Pixel Arrangement	RGB Stripe	
视角 Viewing Direction	FREE	
LCD 模式 LCD Mode	a-Si TFT	
颜色排列 Color Configuration	RGB	
FPC 版本 FPC Version	Z80002-P31H V1	
驱动 IC Driver IC	—	
接口 Interface	MIPI	
工作温度 Operating Temperature	-20℃ ~ 70℃	
储存温度 Storage Temperature	-30℃ ~ 80℃	
背光排列方式 Backlight arrangement	LED / 3 串 7 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	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
6	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
7	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
8	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
9	GND	Ground
10	GND	Ground
11	D2-P	MIPI-DSI Data differential signal input pins. (Data lane 2)
12	D2-N	MIPI-DSI Data differential signal input pins. (Data lane 2)
13	GND	Ground
14	D1-P	MIPI-DSI Data differential signal input pins. (Data lane 1)
15	D1-N	MIPI-DSI Data differential signal input pins. (Data lane 1)
16	GND	Ground
17	CLK-P	MIPI-DSI CLOCK differential signal input pin
18	CLK-N	MIPI-DSI CLOCK differential signal input pin
19	GND	Ground
20	D0-P	MIPI-DSI Data differential signal input pins. (Data lane 0)
21	D0-N	MIPI-DSI Data differential signal input pins. (Data lane 0)
22	GND	Ground
23	D3-P	MIPI-DSI Data differential signal input pins. (Data lane 3)
24	D3-N	MIPI-DSI Data differential signal input pins. (Data lane 3)
25	GND	Ground
26	TE	Serves TE (Tearing Effect) pin on MPU interface
27	RES	Reset pin
28	ID	ID
29	VDDI	POWER SUPPLY (1.8V)
30	VDD	POWER SUPPLY (3.3V)
31	VDD	POWER SUPPLY (3.3V)

