



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	240 * RGB * 320	Pixel
LCM 外型尺寸 LCM Outline imension	42.72 (W) * 60.26 (H) * 2.15(T)	mm
LCD 尺寸 LCD Outline imension	39.72 (W) * 55.96 (H) * 0.8(T)	mm
LCD 动态显示区 Active Atea	36.72 * 48.96	mm
像素尺寸 Pixel Pitch	0.051 *0.153	mm
显示方式 Display Mode	Normal Black	
像素成分 Pixel Arrangement	R. G. B 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	Z24002-P40Q V1	
驱动 IC Driver IC	—	
接口 Interface	MCU	
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 / 4 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	B0	MCU parallel interface data bus.
2	B1	MCU parallel interface data bus.
3	B2	MCU parallel interface data bus.
4	B3	MCU parallel interface data bus.
5	GND	Ground
6	VCI	POWER SUPPLY (2.8V)
7	CS	Chip selection signal.
8	RS	Ground
9	WR	Write strobe signal.
10	RD	Read strobe signal.
11	IM0	8/16bit mode selection.
12	XL	No Connection.
13	YU	No Connection.
14	XR	No Connection.
15	YD	No Connection.
16	LED-A	POWER SUPPLY+ FOR BACKLIGHT ANODE
17	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
18	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
19	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
20	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
21	ID	No Connection.
22	B4	MCU parallel interface data bus.
23	B10	MCU parallel interface data bus.
24	B11	MCU parallel interface data bus.
25	B12	MCU parallel interface data bus.
26	B13	MCU parallel interface data bus.
27	B14	MCU parallel interface data bus.
28	B15	MCU parallel interface data bus.
29	B16	MCU parallel interface data bus.
30	B17	MCU parallel interface data bus.
31	RESET	Reset Signal pin
32	VCI	POWER SUPPLY (2.8V)
33	IOVCC	I/O POWER SUPPLY (1.8V)
34	GND	Ground
35	B5	MCU parallel interface data bus.
36	B6	MCU parallel interface data bus.
37	B7	MCU parallel interface data bus.
38-40	GND	Ground

