



Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	480 * RGB * 800	Pixel
LCM Outline imension	55.436 (W) * 96.145 (H) * 1.7(T)	mm
LCD Outline imension	54.740 (W) * 93.350 (H) * 0.4 (T)	mm
Active Atea	51.84x86.40	mm
Pixel Pitch	108 (H) *108(V)	um
Display Mode	Normal Black	
Pixel Arrangment	R.G.B. Vertical Stripe	
Viewing Direction	FFS	
LCD Mode	a-Si TFT	
Color Configuration	RGB	
FPC Version	Z40004-P40W-M V5	
IC Driver IC	—	
Interface	MIPI	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White LED* 8	
Luminance	-	
Weight		

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2. Pin Assignments

Pin No	Symbol	Description
1	GND	Ground
2	NC	NC
3	NC	NC
4	GND	Ground
5	D1P	MIPI-DSI Data differential signal input pins. (Data lane 1)
6	D1N	MIPI-DSI Data differential signal input pins. (Data lane 1)
7	GND	Ground
8	CLKP	MIPI-DSI CLOCK differential signal input pin
9	CLKN	MIPI-DSI CLOCK differential signal input pin
10	GND	Ground
11	D0P	MIPI-DSI Data differential signal input pins. (Data lane 0)
12	D0N	MIPI-DSI Data differential signal input pins. (Data lane 0)
13	GND	Ground
14-15	NC	NC
16-17	GND	Ground
18-19	IOVDD(1.8)	I/O POWER SUPPLY (1.8V)
20-23	NC	NC
24	RES	Reset pin
25-26	NC	NC
27	GND	Ground
28-29	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
30	GND	Ground
31	NC	NC
32-33	GND	Ground
34	NC	NC
35-36	LED-A	POWER SUPPLY+ FOR BACKLIGHT
37	GND	Ground
38-39	VCC(2.8)	POWER SUPPLY (2.8V)
40	NC	NC

