



Hunyi
准化科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	480 * RGB * 800	Pixel
LCM Outline Dimension	55.44 (W) * 96.15 (H) * 1.71(T)	mm
LCD Outline Dimension	54.74 (W) * 93.35 (H) * 0.4 (T)	mm
Active Area	51.84x86.40	mm
Pixel Pitch	108 (H) *108(V)	um
Display Mode	Normal Black	
Pixel Arrangement	R. G. B. Vertical Stripe	
Viewing Direction	FFS	
LCD Mode	a-Si TFT	
Color Configuration	RGB	
FPC Version	Z40032-P40W V1	
IC Driver IC	---	
Interface	RGB+SPI	
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	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
2	LED-A	POWER SUPPLY+ FOR BACKLIGHT ANODE
3	GND	Ground
4	VCI	POWER SUPPLY (2.8V)
5-12	R0-R7	Data bus
13-20	G0-G7	Data bus
21-28	B0-B7	Data bus
29	GND	Ground
30	CLK	Pixel clock signal in RGB I/F
31	DISP	NC
32	HSYNC	Horizontal sync. Signal in RGB I/F.
33	VSYNC	Vertical sync. Signal in RGB I/F.
34	DEN	Data enable signal in RGB I/F DE mode.
35	NC	NC
36	GND	Ground
37	RESET	Reset Signal pin
38	CS	Chip Select input pin. (Active Low)
39	SCL	A synchronous clock signal in SPI I/F
40	SDI	Serial input signal in SPI I/F

