



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	57.14 (W) * 96.85 (H) * 1.7 (T)	mm
LCD Outline imension	54.74 (W) * 93.35 (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	Z40018-H18W V2	
IC Driver IC	—	
Interface	MIPI	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White Led*9	
Luminance	-	
Weight		



2. Pin Assignments

Pin NO	Symbol	Description
1	GND	Ground
2	D0N	MIPI-DSI Data differential signal input pins. (Data lane 0)
3	D0P	MIPI-DSI Data differential signal input pins. (Data lane 0)
4	GND	Ground
5	D1N	MIPI-DSI Data differential signal input pins. (Data lane 1)
6	D1P	MIPI-DSI Data differential signal input pins. (Data lane 1)
7	GND	Ground
8	CLKN	MIPI-DSI CLOCK differential signal input pin
9	CLKP	MIPI-DSI CLOCK differential signal input pin
10	GND	Ground
11	NC	NC
12	NC	NC
13	GND	Ground
14	NC	NC
15	NC	NC
16	GND	Ground
17	IOVDD(1.8)	I/O POWER SUPPLY (1.8V)
18	VCC(2.8)	POWER SUPPLY (2.8V)
19	ID2	ID2
20	RES	Reset pin
21	ID1	ID1
22	TE	Serves TE (Tearing Effect) pin on MPU interface
23	GND	Ground
24	LED-A	POWER SUPPLY+ FOR BACKLIGHT
25	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE