



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	720 * RGB * 1280	Pixel
LCM Outline imension	66.4 (W) * 120.05 (H) * 1.95 (MAX)	mm
LCD Outline imension	64.50 (W) * 117.44 (H) * 0.4 (T)	mm
Active Atea	62.1 * 110.4	mm
Pixel Pitch	86.25*86.25	um
Display Mode	Normal Black	
Pixel Arrangment	RGB Stripe	
Viewing Direction	FREE	
LCD Mode	a-Si TFT	
Color Configuration	RGB	
FPC Version	Z49360-P40H V2	
IC Driver IC	--	
Interface	MIPI	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White LED*12	
Luminance	-	
Weight	-	



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

2. Pin Assignments

Pin No	Symbol	Description
1	GND	Ground
2	D0P	MIPI-DSI Data differential signal input pins. (Data lane 0)
3	D0N	MIPI-DSI Data differential signal input pins. (Data lane 0)
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	D2P	MIPI-DSI Data differential signal input pins. (Data lane 2)
12	D2N	MIPI-DSI Data differential signal input pins. (Data lane 2)
13	GND	Ground
14	D3P	MIPI-DSI Data differential signal input pins. (Data lane 3)
15	D3N	MIPI-DSI Data differential signal input pins. (Data lane 3)
16-17	GND	Ground
18-19	IOVDD(1.8)	I/O POWER SUPPLY (1.8V)
20-23	NC	NC
24	RES	Reset pin
25	NC	NC
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

