



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

2.LCM-Pin Assignments

Pin No	Symbol	Description
1	NC	NC
2	VDDI	POWER SUPPLY (1.8V)
3	VDD	POWER SUPPLY (3.3V)
4	NC	NC
5	RES	Reset pin (1.8V)
6	NC	NC
7	GND	Ground
8	D2-N	MIPI-DSI Data differential signal input pins. (Data lane 2)
9	D2-P	MIPI-DSI Data differential signal input pins. (Data lane 2)
10	GND	Ground
11	D1-N	MIPI-DSI Data differential signal input pins. (Data lane 1)
12	D1-P	MIPI-DSI Data differential signal input pins. (Data lane 1)
13	GND	Ground
14	CLK-N	MIPI-DSI CLOCK differential signal input pin
15	CLK-P	MIPI-DSI CLOCK differential signal input pin
16	GND	Ground
17	D0-N	MIPI-DSI Data differential signal input pins. (Data lane 0)
18	D0-P	MIPI-DSI Data differential signal input pins. (Data lane 0)
19	GND	Ground
20	D3-N	MIPI-DSI Data differential signal input pins. (Data lane 3)
21	D3-P	MIPI-DSI Data differential signal input pins. (Data lane 3)
22	GND	Ground
23	NC	NC
24	NC	NC
25	GND	Ground
26	NC	NC
27	NC	NC
28	NC	NC
29	NC	NC
30	GND	Ground
31	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
32	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
33	NC	NC
34	NC	NC
35	NC	NC
36	NC	NC
37	NC	NC
38	NC	NC
39	LED-A	POWER SUPPLY+ FOR BACKLIGHT
40	LED-A	POWER SUPPLY+ FOR BACKLIGHT



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	800 * RGB * 1280	Pixel
LCM Outline Dimension	125.48 (W) * 202.9 (H) * 2.7(T)	mm
LCD Outline Dimension	123.68 (W) * 200.00 (H) * 0.8 (T)	mm
Active Area	119.28 x 190.85	mm
Pixel Pitch	149.1x 149.1	um
Display Mode	Normal Black	
Pixel Arrangement	RGB vertical stripe	
Viewing Direction	FREE	
Color Configuration	RGB	
LCD Transmittance	Typ:4.8%; Min:4.2%	
LCD Contrast Ratio	Typ:1000;	
FPC Version	Z90006-P40H V2	
Interface	MIPI	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White LED*30	
Luminance	300cd/m2(typ)	nit
Luminance Uniformity	-	
Color chromaticity	-	
Weight	-	