



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	480 * RGB * 854	pixel
LCM Outline imension	66.40 (W) * 120.05 (H) * 2.25(T)	mm
LCD Outline imension	64.46 (W) * 116.8 (H) * 0.8 (T)	mm
Active Atea	61.632 * 109.653	mm
Pixel Pitch	0.1284 * 0.1284	mm
Display Mode	Normal Black	
Pixel Arrangement	RGB Vertical Stripe	
Viewing Direction	FFS	
LCD Mode	a-Si TFT	
Color Configuration	RGB	
FPC Version	Z49355-P40F-M V3	
IC Driver IC	--	
Interface	MIPI	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White LED*12	
Luminance	-	
Weight	-	



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2. LCM-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	NC	NC
12	NC	NC
13	GND	Ground
14	NC	NC
15	NC	NC
16	GND	Ground
17	GND	Ground
18	IOVDD(1.8)	I/O POWER SUPPLY (1.8V)
19	IOVDD(1.8)	I/O POWER SUPPLY (1.8V)
20-23	NC	NC
24	RESET	Reset pin
25	NC	NC
26	NC	NC
27	GND	Ground
28	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
29	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
30	GND	Ground
31	NC	NC
32	GND	Ground
33	GND	Ground
34	NC	NC
35	LED-A	POWER SUPPLY+ FOR BACKLIGHT
36	LED-A	POWER SUPPLY+ FOR BACKLIGHT
37	GND	Ground
38	VCC(2.8)	POWER SUPPLY (2.8V)
39	VCC(2.8)	POWER SUPPLY (2.8V)
40	NC	NC

