



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 * 272	Pixel
LCM Outline Dimension	105.46 (W) * 67.16 (H) * 2.75(T)	mm
LCD Outline Dimension	100.16 (W) * 61.86 (H) * 0.8(T)	mm
Active Area	95.04* 53.86	mm
Pixel Pitch	0.198 *0.198	mm
Display Mode	Normally Black	
Pixel Arrangement	RGB vertical stripe	
Viewing Direction	Free	
Color Configuration	RGB	
LCD Transmittance	Typ:5.8%; Min:5.2%	
LCD Contrast Ratio	Typ:1000; Min:800	
FPC Version	Z43016-P40 V2	
Interface	RGB	
Operating Temperature	-30℃ ~ 85℃	
Storage Temperature	-30℃ ~ 85℃	
Backlight arrangement	White LED*10	
Luminance	-	
Luminance Uniformity	-	
Color chromaticity	-	
Weight	-	



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2. LCM-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	VDD	POWER SUPPLY
5	R0	Red Data
6	R1	Red Data
7	R2	Red Data
8	R3	Red Data
9	R4	Red Data
10	R5	Red Data
11	R6	Red Data
12	R7	Red Data
13	G0	Green Data
14	G1	Green Data
15	G2	Green Data
16	G3	Green Data
17	G4	Green Data
18	G5	Green Data
19	G6	Green Data
20	G7	Green Data
21	B0	Blue Data
22	B1	Blue Data
23	B2	Blue Data
24	B3	Blue Data
25	B4	Blue Data
26	B5	Blue Data
27	B6	Blue Data
28	B7	Blue Data
29	GND	Ground
30	CLK	Pixel clock signal in RGB I/F
31	DISP	Display on/off
32	HSYNC	Horizontal sync. Signal in RGB I/F.
33	VSYNC	Vertical sync. Signal in RGB I/F.
34	DE	Data enable
35	NC	NC
36	GND	Ground
37	NC	NC
38	NC	NC
39	NC	NC
40	NC	NC