



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	1024 * RGB * 600	Pixel
LCM Outline Dimension	164.90 (W) * 100.00 (H) * 2.59(T)	mm
LCD Outline Dimension	162.20 (W) * 95.70 (H) * 1.0 (T)	mm
Active Area	154.21(W) * 85.92(H)	mm
Pixel Pitch	0.0502(W) * 0.1432(H)	mm
Display Mode	Normally Black	
Pixel Arrangement	RGB vertical stripe	
Viewing Direction	Free	
Color Configuration	RGB	
LCD Transmittance	Typ:5.0%; Min:4.8%;	
LCD Contrast Ratio	Typ:800;	
FPC Version	Z70037-HB2509-R V1	
Interface	RGB	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White LED*24	
Luminance	-	
Luminance Uniformity	-	
Color chromaticity	-	
Weight	-	



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LCM-Pin Assignments

Pin No	Symbol	Description
1	LED-A	POWER SUPPLY+ FOR BACKLIGHT
2	LED-A	POWER SUPPLY+ FOR BACKLIGHT
3	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
4	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
5	GND	Ground
6	VCOM	Common Voltage
7	VDD	Power for Digital Circuit
8	MODE	DE / HV mode select for LVDS mode.
9	DE	Data Enable
10	VS	Vertical synchronize Signal
11	HS	Horizontal synchronize Signal
12-19	B7-B0	Data bus
20-27	G7-G0	Data bus
28-35	R7-R0	Data bus
36	GND	Ground
37	DCLK	Pixel Clock
38	GND	Ground
39	SHLR	Source Right or Left sequence
40	UPDN	Gate Up or Down scan control
41	VGH	Gate ON Voltage
42	VGL	Gate OFF Voltage
43	AVDD	Power for Analog Circuit
44	RESET	Global reset pin
45	NC	NC
46	VCOM	Common Voltage
47	DITHB	Dithering Function
48	GND	Ground
49-50	NC	NC

