



Hunyi
准亿科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

2. LCM-Pin Assignments ---SPI+RGB

Pin No	Symbol	Description
1	LED-A	POWER SUPPLY+ FOR BACKLIGHT ANODE
2	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
3	VCI	POWER SUPPLY (3.3V)
4-13	GND	Ground
14	VSYNC	Vertical sync. Signal in RGB I/F.
15	HSYNC	Horizontal sync. Signal in RGB I/F.
16	CLK	Pixel clock signal in RGB I/F
17	DEN	Data enable signal in RGB I/F DE mode.
18-33	DB0-DB15	Data bus (DB0-DB4;B0-B4,DB5-DB10;G0-G5,DB11-DB15;R0-R5)
34	RESET	Reset Signal pin
35	CS	Chip Select input pin. (Active Low)
36	SCL	A synchronous clock signal in SPI I/F
37	SDA	Serial input signal in SPI I/F
38	GND	Ground
39	VCI	POWER SUPPLY (3.3V)
40	GND	Ground

LCM-Pin Assignments ---MIPI

Pin No	Symbol	Description
1	LED-A	POWER SUPPLY+ FOR BACKLIGHT
2	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
3	VCC(3.3)	POWER SUPPLY (3.3V)
4	GND	Ground
5	D0N	MIPI-DSI Data differential signal input pins. (Data lane 0)
6	D0P	MIPI-DSI Data differential signal input pins. (Data lane 0)
7	GND	Ground
8	CLKN	MIPI-DSI CLOCK differential signal input pin
9	CLKP	MIPI-DSI CLOCK differential signal input pin
10	GND	Ground
11	D1N	MIPI-DSI Data differential signal input pins. (Data lane 1)
12	D1P	MIPI-DSI Data differential signal input pins. (Data lane 1)
13-33	GND	Ground
34	RESET	Reset pin
35-37	GND	Ground
38	VCC(3.3)	POWER SUPPLY (3.3V)
39	GND	Ground
40	VCC(3.3)	POWER SUPPLY (3.3V)



Hunyi
准化科技

Shenzhen Zhunyi Technology Co., Ltd.

LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	480 * RGB * 854	Pixel
LCM Outline Dimension	42.7 (W) * 74.7 (H) * 2.5(T)	mm
LCD Outline Dimension	40.33 (W) * 72.86 (H) * 1.0(T)	mm
Active Area	37.44 * 66.61	mm
Pixel Pitch	0.026 *0.078	mm
Display Mode	Normal Black	
Pixel Arrangement	R.G.B Stripe	
Viewing Direction	Free	
Color Configuration	RGB	
LCD Transmittance	Typ:3.5%; Min:3.1%	
LCD Contrast Ratio	Typ:1000; Min:800	
FPC Version	Z30032-P40F-R V2	
Interface	MIPI/SPI+RGB	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White LED*6	
Luminance	-	
Luminance Uniformity	-	
Color chromaticity	-	
Weight	-	