

2. 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	VCI	POWER SUPPLY (2.8V)
5	GND	Ground
6	DEN	Data enable signal in RGB I/F DE mode.
7	VSYNC	Vertical sync. Signal in RGB I/F.
8	HSYNC	Horizontal sync. Signal in RGB I/F.
9	MTP	MTP
10	CLK	Pixel clock signal in RGB I/F
11	NC	NC
12-19	R0-R7	Data bus
20-27	G0-G7	Data bus
28-35	B0-B7	Data bus
36	GND	Ground
37	RESET	Reset Signal pin
38	CS	Chip Select input pin. (Active Low)
39	SCL	A synchronous clock signal in SPI I/F
40	SDI	Serial input signal in SPI I/F



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LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	480 * RGB * 800	Pixel
LCM Outline imension	55.436 (W) * 96.145 (H) * 1.7(T)	mm
LCD Outline imension	54.740 (W) * 93.350 (H) * 0.4 (T)	mm
Active Atea	51.84x86.40	mm
Pixel Pitch	108 (H) *108(V)	um
Display Mode	Normal Black	
Pixel Arrangement	R.G.B. Vertical Stripe	
Viewing Direction	FFS	
LCD Mode	a-Si TFT	
Color Configuration	RGB	
FPC Version	Z40016-M1W V2	
IC Driver IC	—	
Interface	RGB+SPI	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White Led*8	
Luminance	—	
Weight	—	