

2. Pin Assignments

Pin No	Symbol	Description
1	GND	Ground
2	D0N	MIPI-DSI Data differential signal input pins. (Data lane 0)
3	NC	NC
4	D0P	MIPI-DSI Data differential signal input pins. (Data lane 0)
5	GND	Ground
6	D1N	MIPI-DSI Data differential signal input pins. (Data lane 1)
7	NC	NC
8	D1P	MIPI-DSI Data differential signal input pins. (Data lane 1)
9	GND	Ground
10	CLKN	MIPI-DSI CLOCK differential signal input pin
11	NC	NC
12	CLKP	MIPI-DSI CLOCK differential signal input pin
13	GND	Ground
14	NC	NC
15	GND	Ground
16	RES	Reset pin
17	TE	Serves TE (Tearing Effect) pin on MPU interface
18	NC	NC
19	IOVCC(1.8)	I/O POWER SUPPLY (1.8V)
20	VCC(2.8)	POWER SUPPLY (2.8V)
21	NC	NC
22	LED-A	POWER SUPPLY+ FOR BACKLIGHT
23	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
24	NC	NC



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LCM PRODUCT SPECIFICATION

1. General Specifications

Item	Main Display	Unit
Number of Pixels	480 * RGB * 854	Pixel
LCM Outline imension	60.00 (W) * 109.00 (H) * 1.70 (T)	mm
LCD Outline imension	58.04 (W) * 105.08 (H) * 0.4 (T)	mm
Active Atea	55.44 * 98.64	mm
Pixel Pitch	0.1155 (W) x 0.1155 (H)	mm
Display Mode	Normal Black	
Pixel Arrangment	RGB Stripe	
Viewing Direction	FFS	
LCD Mode	a-Si TFT	
Color Configuration	RGB	
FPC Version	Z45053-FJP24F V2	
IC Driver IC	--	
Interface	MIPI	
Operating Temperature	-20℃ ~ 70℃	
Storage Temperature	-30℃ ~ 80℃	
Backlight arrangement	White LED*10	
Luminance	-	
Weight	-	