



2. LCM-Pin Assignments

Pin No	Symbol	Description
1	NC	NC
2	VDD(2.8)	POWER SUPPLY (2.8V)
3	IOVDD(1.8)	IO POWER SUPPLY (1.8V)
4	NC	NC
5	RES	Reset pin (1.8V)
6	GND	Ground
7	NC	NC
8	NC	NC
9	LED-K	POWER SUPPLY- FOR BACKLIGHT CATHODE
10	LED-A	POWER SUPPLY+ FOR BACKLIGHT
11	GND	Ground
12	GND	Ground
13	NC	NC
14	NC	NC
15	GND	Ground
16	D0P	MIPI-DSI Data differential signal input pins. (Data lane 0)
17	D0N	MIPI-DSI Data differential signal input pins. (Data lane 0)
18	GND	Ground
19	NC	NC
20	NC	NC
21	GND	Ground
22	CLKP	MIPI-DSI CLOCK differential signal input pin
23	CLKN	MIPI-DSI CLOCK differential signal input pin
24	GND	Ground

注：RESET 电压需要与 IOVDD 电压一致，如果电压不同，会有概率开机黑屏现象出现。



1. General Specifications

Item	Main Display	Unit
Number of Pixels	320 * RGB * 480	Pixel
LCM Outline Dimension	54.76 (W) * 83.29 (H) * 2.39(T)	mm
LCD Outline Dimension	52.96 (W) * 81.34 (H) * 0.8(T)	mm
Active Area	48.96 * 73.44	mm
Pixel Pitch	0.153 *0.153	mm
Display Mode	Normal White	
Pixel Arrangement	R.G.B Stripe	
Viewing Direction	12 o'clock	
Color Configuration	RGB	
LCD Transmittance	Typ:5.5%	
LCD Contrast Ratio	Typ:500	
FPC Version	Z35012-P24 V1	
Interface	MIPI	
Operating Temperature	-30℃ ~ 70℃	
Storage Temperature	-40℃ ~ 85℃	
Backlight arrangement	White LED*6	
Luminance	-	
Weight	-	

准亿科技只能承诺：同一批次产品的一致性，不承诺批次与批次之间的一致性。