



GENERAL INFORMATION		
Item	Contents	Unit
LCD Size	5.0	Inch
Number Of Pixels	720(H)RGB×1280(V)	---
Pixel Pitch	0.02875(H) × 0.08625(V)	mm
Active Area	62.1(H)×110.4(V)	mm
Viewing area (W x H)	/	mm
LCM outline (W x H x T)	66.4(W)×120.05(H)×1.7(D)	mm
Display mode	IPS,NB	---
View angle (L/R/U/D)	85/85/85/85	Degree
TFT Driver IC	ILI9881C	---
Interface Type	MIPI	---
Color depth	16.7M	color
LCM brightness	TYP 400	Cd/m ²
With/Without tp	/	---
TFT Power consumption	90	mw
BL Power consumption	768	mw
Operation Temperature	-20~70	°C
LED life time	30,000	Hrs

ELECTRICAL CHARACTERISTICS					
Parameter	Symbol	Min.	Typ.	Max.	Unit
Power Supply Voltage	VDD	2.5	2.8	6.6	V
	VDDIO	1.65	2.8	3.6	V
Power Supply current	IDD	-	32	-	mA
Input logic high voltage	VIH	0.7VDDIO	-	VDDIO	V
Input logic low voltage	VIL	-0.3	-	0.3VDDIO	V

BACKLIGHT DRIVING CONDITION					
Item	Symbol	Min	Typ.	Max	Unit
Forward current	If	--	40	--	mA
Forward voltage	Vf	17.4	19.2	20.4	V

INTERFACE DESCRIPTION			
No.	SYMBOL	I/O	Description
1	GND	P	Ground
2	VDD	P	Power Supply
3	VDDIO	P	Power Supply for I/O
4	NC	-	No connection
5	GND	P	Ground
6	LEDK	P	LED Backlight Cathode Input
7	LEDA	P	LED Backlight Anode Input
8	GND	P	Ground
9	NC	-	No connection
10	NC	-	No connection
11	NC	-	No connection
12	NC	-	No connection
13	GND	P	Ground
14	RST	I	System Reset pin
15	LPTE	I	Tearing effect output signal
16	GND	P	Ground
17	MIPI_TDP3	I	MIPI DSI differential data pair. (Data lane 3)
18	MIPI_TDN3	I	MIPI DSI differential data pair. (Data lane 3)
19	GND	P	Ground
20	MIPI_TCP	I	MIPI DSI differential clock pair
21	MIPI_TCN	I	MIPI DSI differential clock pair
22	GND	P	Ground
23	MIPI_TDP1	I	MIPI DSI differential data pair. (Data lane 1)
24	MIPI_TDN1	I	MIPI DSI differential data pair. (Data lane 1)
25	GND	P	Ground
26	MIPI_TDP2	I	MIPI DSI differential data pair. (Data lane 2)
27	MIPI_TDN2	I	MIPI DSI differential data pair. (Data lane 2)
28	GND	P	Ground
29	MIPI_TDP0	I	MIPI DSI differential data pair. (Data lane 0)
30	MIPI_TDN0	I	MIPI DSI differential data pair. (Data lane 0)
31	GND	P	Ground