



GENERAL INFORMATION		
Item	Contents	Unit
LCD Size	6.86	Inch
Number Of Pixels	480×1280	---
Pixel pitch (W x H)	41.82(H)×3×125.46(V)	um
Active Area	60.2208(H)×160.5888(V)	mm
Viewing area (W x H)	62.22×162.6	mm
LCM outline (W x H x T)	72.42(W)×173.79(H)×6.5(D)	mm
Display mode	IPS,NB	---
View angle (L/R/U/D)	80/80/80/80	Degree
TFT Driver IC	ICNL9707	---
Interface Type	MIPI	---
Color depth	16.7M	color
LCM brightness	TYP 800	Cd/m ²
With/Without tp	/	---
BL Power consumption	2976	mw
Operation Temperature	-20~70	°C
LED life time	30,000 (TYP)	Hrs

ELECTRICAL CHARACTERISTICS					
Parameter	Symbol	Min.	Typ.	Max.	Unit
Power Supply Voltage	VDD	3.0	3.3	3.6	V
Input logic high voltage	VIH	0.7VDD	-	VDD	V
Input logic low voltage	VIL	0	-	0.3VDD	V

BACKLIGHT DRIVING CONDITION					
Item	Symbol	Min	Typ	Max	Unit
Forward current	If	--	480	-	mA
Forward voltage	Vf	5.6	6.2	6.8	V

INTERFACE DESCRIPTION			
No.	SYMBOL	I/O	Description
1	GND	P	Ground
2-4	VDD	P	Power supply
5	GND	P	Ground
6	RESET	I	Reset pin
7	TE	O	Tearing effect output signal
8	GND	P	Ground
9	GND	P	Ground
10	MIPI_DATA3_N	I	MIPI data input
11	MIPI_DATA3_P	I	MIPI data input
12	GND	P	Ground
13	MIPI_DATA2_N	I	MIPI data input
14	MIPI_DATA2_P	I	MIPI data input
15	GND	P	Ground
16	MIPI_CLK_N	I	MIPI clock input
17	MIPI_CLK_P	I	MIPI clock input
18	GND	P	Ground
19	MIPI_DATA1_N	I	MIPI data input
20	MIPI_DATA1_P	I	MIPI data input
21	GND	P	Ground
22	MIPI_DATA0_N	I	MIPI data input
23	MIPI_DATA0_P	I	MIPI data input
24	GND	P	Ground
25	NC	-	No connection
26	NC	-	No connection
27	LEDK	P	LED power cathode
28	LEDK	P	LED power cathode
29	LEDA	P	LED power anode
30	LEDA	P	LED power anode