



GENERAL INFORMATION		
Item	Contents	Unit
LCD Size	10.1	Inch
Number Of Pixels	1280(H)×800(V)	---
Pixel pitch (W x H)	0.0565(H)×RGB×0.1695(V)	mm
Active Area	216.96(H)×135.6(V)	mm
Viewing area (W x H)	219.66×138.30	mm
LCM outline (W x H x T)	229.59(W)×149.19(H)×2.86(D)	mm
Display mode	IPS,NB	---
View angle (L/R/U/D)	85/85/85/85	Degree
TFT Driver IC	/	---
Interface Type	LVDS	---
Color depth	16.7M	Color
LCM brightness	TYP 470	Cd/m ²
With/Without tp	/	---
TFT Power consumption	/	mw
BL Power consumption	2520	mw
Operation Temperature	-20~70	°C
LED life time	20,000 (MIN)	Hrs

ELECTRICAL CHARACTERISTICS					
Item	Symbol	Min	Typ.	Max	Unit
Power Supply Voltage	VDD	-	2.5	-	V
	AVDD	-	8.2	-	V
	VGH	-	15.0	-	V
	VGL	-	-13.0	-	V
Input logic high voltage	VIH	0.8VDD	-	VDD	V
Input logic low voltage	VIL	0	-	0.2VDD	V

BACKLIGHT DRIVING CONDITION					
Item	Symbol	Min	Typ.	Max	Unit
Forward current	If	--	280	--	mA
Forward voltage	Vf	8.1	9.0	10.5	V

INTERFACE DESCRIPTION			
No.	SYMBOL	I/O	Description
1	NC	-	No Connection
2	VDD	P	Power supply
3	VDD	P	Power supply
4	NC	-	No Connection
5	NC	-	No Connection
6	NC	-	No Connection
7	GND	P	Ground
8	RIN0-	I	LVDS Negative data signal(-)
9	RIN0+	I	LVDS Positive data signal(+)
10	GND	P	Ground
11	RIN1-	I	LVDS Negative data signal(-)
12	RIN1+	I	LVDS Positive data signal(+)
13	GND	P	Ground
14	RIN2-	I	LVDS Negative data signal(-)
15	RIN2+	I	LVDS Positive data signal(+)
16	GND	P	Ground
17	LVDS_CLK-	I	LVDS Negative CLK signal(-)
18	LVDS_CLK+	I	LVDS Positive CLK signal(+)
19	GND	P	Ground
20	RIN3-	I	LVDS Negative data signal(-)
21	RIN3+	I	LVDS Positive data signal(+)
22	GND	P	Ground
23	NC	-	No Connection
24	NC	-	No Connection
25	GND	P	Ground
26	NC	-	No Connection
27	NC	-	No Connection
28	NC	-	No Connection
29	AVDD	P	Power for Analog Circuit
30	GND	P	Ground
31	LEDK	P	LED Cathode
32	LEDK	P	LED Cathode
33	NC	-	No Connection
34	NC	-	No Connection
35	VGL	I	Gate OFF Voltage
36	NC	-	No Connection
37	NC	-	No Connection
38	VGH	I	Gate ON Voltage
39	LEDA	P	LED Anode
40	LEDA	P	LED Anode