



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)	220.46×139.1	mm
LCM outline (W x H x T)	228.85(W)×152.74(H)×4.22(D)	mm
Display mode	IPS,NB	---
View angle (L/R/U/D)	70/70/70/70	Degree
TFT Driver IC	/	---
Interface Type	LVDS	---
Color depth	16.7	M
LCM brightness	MIN 440	Cd/m ²
With/Without tp	/	---
TFT Power consumption	1131.9	mw
BL Power consumption	3906	mw
Operation Temperature	-20~70	°C
LED life time	30,000 (TYP)	Hrs

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ.	Max	Unit
Power Supply Voltage	VDD	3.0	3.3	3.6	V
Voltage for Backlight	VBL	5	12	16	V
Current for Backlight	IBL	-	TBD	-	mA
LED_PWM*		1.2	-	16	V
LED_EN		1.2	-	16	V

BACKLIGHT DRIVING CONDITION

Item	Symbol	Min	Typ.	Max	Unit
Forward current	If	--	--	180	mA
Forward voltage	Vf	19.6	21.7	23.1	V

INTERFACE DESCRIPTION

No.	SYMBOL	I/O	Description
1	NC	I	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	NC	-	No Connection
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	GND	P	Ground
29	NC	-	No Connection
30	NC	-	No Connection
31	GND	P	Ground
32	GND	P	Ground
33	GND	P	Ground
34	NC	-	No Connection
35	LED_PWM	I	Chip Enable (Active High)
36	LED-EN	I	Chip enable (active high)
37	NC	-	No Connection
38	VLED	P	LED Anode
39	VLED	P	LED Anode
40	VLED	P	LED Anode