



GENERAL INFORMATION		
Item	Contents	Unit
LCD Size	4.3	Inch
Number Of Pixels	480(H)×272(V)	---
Pixel Pitch	0.198(H)×0.198(V)	mm
Active Area	95.04(H)×53.856(V)	mm
Viewing area (W x H)	98.48x 57.00	mm
LCM outline (W x H x T)	105.40(W)×67.10(H)×3.00(D)	mm
Display mode	IPS,NB	---
View angle (L/R/U/D)	70/70/70/70	Degree
TFT Driver IC	SC7283	---
Interface Type	RGB	---
Color depth	/	M
LCM brightness	MIN 400	Cd/m <sup>2</sup>
With/Without tp	/	---
TFT Power consumption	TBD	mw
BL Power consumption	640	mw
Operation Temperature	-20~70	°C
LED life time	30,000	Hrs

INTERFACE DESCRIPTION			
No.	SYMBOL	I/O	Description
1	VLED-	P	Power for LED backlight ( Cathode )
2	VLED+	P	Power for LED backlight ( Anode )
3	GND	P	Power ground
4	VDD	P	Power for Digital Circuit
5-12	R0-R7	I	Red data bit .
13-20	G0-G7	I	Green data bit .
21-28	B0-B7	I	Blue data bit .
29	GND	P	Ground.
30	DCLK	I	Clock input pin.
31	DISP	I	DISP sets the display mode. L Standby mode H Normal display mode
32	HSYNC	I	Horizontal sync input.
33	VSYNC	I	Vertical sync input.
34	DE	I	Data enable signal input.
35	NC	-	No connection
36	GND	P	Ground.
37	NC(XR)	-	No connection(Touch panel Right Glass Terminal)
38	NC(YD)	-	No connection(Touch panel Bottom Film Terminal)
39	NC(XL)	-	No connection(Touch panel Left Glass Terminal)
40	NC(XU)	-	No connection(Touch panel Top Film Terminal)

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
Output logic high voltage	VOH	VDD-0.4		VDD	V
Output logic low voltage	VOL	0		0.4	V

BACKLIGHT DRIVING CONDITION					
Item	Symbol	Min	Typ.	Max	Unit
Forward current	If	--	--	40	mA
Forward voltage	Vf	14.5	15.5	17.0	V