



GENERAL INFORMATION		
Item	Contents	Unit
LCD Size	7.0	Inch
Number Of Pixels	800(H)RGB×480(V)	---
Sub Pixel Pitch	0.0642(H)×0.1790(V)	mm
Active Area	154.08(H)×85.92(V)	mm
Viewing area (W x H)	157.0(H)×89.5(V)	mm
LCM outline (W x H x T)	165.0(W)×100.0(H)×8.4(D)	mm
Display mode	TN,NW	---
View angle (L/R/U/D)	70/70/50/70	Degree
TFT Driver IC	/	---
Interface Type	LVDS	---
Color depth	262	K
LCM brightness	TYP 950	Cd/m ²
With/Without tp	Without tp	---
TFT Power consumption	13.2	mW
BL Power consumption	2.31 @VLED=5.0V	W
Operation Temperature	-20~70	°C
LED life time	30,000	Hrs

INTERFACE DESCRIPTION			
No.	SYMBOL	I/O	Description
1	VDD	P	Power Supply (+3.3V)
2	VDD	P	Power Supply (+3.3V)
3	VDD	P	Power Supply (+3.3V)
4	GND	P	Ground.
5	GND	P	Ground.
6	GND	P	Ground.
7	RXIN0-	I	LVDS Negative data signal(-)
8	RXIN0+	I	LVDS Positive data signal(+)
9	RXIN1-	I	LVDS Negative data signal(-)
10	RXIN1+	I	LVDS Positive data signal(+)
11	RXIN2-	I	LVDS Negative data signal(-)
12	RXIN2+	I	LVDS Positive data signal(+)
13	GND	P	Ground.
14	GND	P	Ground.
15	CLK-	I	LVDS Negative CLK signal(-)
16	CLK+	I	LVDS Positive CLK signal(+)
17	GND	P	Ground.
18	BL_EN	P	Chip enable (active high)
19	VLED+	P	LED Anode(+5.0V)
20	VLED+	P	LED Anode(+5.0V)

ELECTRICAL CHARACTERISTICS						
Parameter	Symbol	Min.	Typ.	Max.	Unit	
Power Supply Voltage	VDD	3.0	3.3	3.6	V	
Voltage for Backlight	VLED+	2.7	5.0	5.5	V	
LED_EN	-	2.7	-	5.5	V	
PWM Control	duty ratio	-	1	-	100	%
	frequency	FPWM	2	-	60	KHz