



GENERAL INFORMATION		
Item	Contents	Unit
LCD Size	5.0	Inch
Number Of Pixels	800×480	---
Pixel pitch (W x H)	0.0135(H)×0.135(V)	mm
Active Area	108.0(H)×64.8(V)	mm
Viewing area (W x H)	111.1×67.9	mm
LCM outline (W x H x T)	120.7(W)×77.8(H)×5.58(D)	mm
Display mode	IPS,NB	---
View angle (L/R/U/D)	70/70/70/70	Degree
TFT Driver IC	ST7262	---
Interface Type	RGB	---
Color depth	/	M
LCM brightness	MIN 640	Cd/m ²
With/Without tp	/	---
TFT Power consumption	305	mw
BL Power consumption	1580	mw
Operation Temperature	-30~85	°C
LED life time	50,000 (TYP)	Hrs

ELECTRICAL CHARACTERISTICS					
Parameter	Symbol	Min.	Typ.	Max.	Unit
Power Supply Voltage	VDD	3.0	3.3	3.6	v
	IDD	--	92.4	--	mA
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	--	--	175	mA
Forward voltage	Vf	8.4	9.0	9.9	v

INTERFACE DESCRIPTION			
No.	SYMBOL	I/O	Description
1	NTC-1	-	Negative Temperature Coefficient
2	NTC-2	-	Negative Temperature Coefficient
3	GND	P	Ground
4	VDD	p	Power Supply
5-12	R0-R7	I	Red data
13-20	G0-G7	I	Green data
21-28	B0-B7	I	Blue data
29	GND	p	Ground.
30	DCLK	I	Pixel clock input pin.
31	STBYB	I	STBYB sets the display mode. L Standby mode ; H Normal display mode
32	HSYNC	I	Horizontal sync signal.
33	VSYNC	I	Vertical sync signal.
34	DEN	I	Data input enable
35	NC	-	--
36	GND	P	Ground.
37	LED-A	P	LED power anode.
38	LED-K1	P	LED power anode.
39	LED-K2	P	LED power anode.
40	LED-K3	p	LED power anode.