



GENERAL INFORMATION		
Item	Contents	Unit
LCD Size	2.8	Inch
Resolution	240RGB × 320dots	---
Pixel pitch (W × H)	0.18 × 0.18	mm
Active area (W × H)	43.20 × 57.60	mm
Viewing area (W×H)	44.20 × 58.40	mm
LCM outline (W×H×T)	50.00 × 69.20 × 2.30	mm
Display mode	IPS,NW	---
View angle(L/R/U/D)	80/80/80/80	Degree
TFT Driver IC	ILI9341V	---
Interface Type	Mcu H8bit/16bit	---
Color depth	262	K
LCM brightness	MIN 360	Cd/m ²
With/without tp	without	---
TFT Power consumption	TBD	mw
BL Power consumption	TBD	mw
LED life time	30,000	Hrs

INTERFACE DESCRIPTION			
No.	SYMBOL	I/O	Description
1	LED-K1-K4		LED power cathode.
2	LED+(A)		LED power anode.
3	GND		Ground for digital circuits.
4	RESET		The external reset input.
5-12	D17-D10		MCU parallel interface data bus.
13-20	D8-D1		MCU parallel interface data bus.
21	RD		Read enable in 8080 MCU parallel
22	WR		Write enable in MCU parallel interface.
23	RS		This pin is used to select "Data or Command" in the parallel.
24	CS		Chip selection pin.
25	NC		-
26	NC		-
27	NC		-
28	NC		-
29	GND		Ground for digital circuits.
30	VCC		Supply voltage.

ELECTRICAL CHARACTERISTICS					
Item	Symbol	Min	Typ.	Max	Unit
Power supply voltage	VDD	2.5	2.8	3.3	V
Input signal high voltage	VIH	0.8VDD	---	VDD	V
Input signal low voltage	VIL	VSS	---	0.3VDD	V

BACKLIGH DRIVING CONDITION					
Item	Symbol	Min	Typ.	Max	Unit
Forward current	If	--	60	--	mA
Forward voltage	Vf	2.9	3.2	3.4	V