

GENERAL INFORMATION

Item	Contents	Unit
LCD type	TFT TRANSMISSIVE	/
Viewing direction	6:00 O' Clock	12:00O' Clock(good viewing angle)
Module outline (W × H)	165.00 × 106.4	mm ²
Viewing area (W×H)	153.80× 94.3	mm ²
Active area (W×H)	152.40 × 91.44	mm ²
Number of Dots	800 × 480	/
Dot size (W × H)	0.1905 × 0.1905	mm ²
Backlight Type	LED	/
Display colors	16.7M	/
Driver IC	1X(HX8678-B)+2X(HX8262-A)	/
Interface Type	Parallel RGB	/

nABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Min	Max	Unit
Power supply voltage	V _{CC}	0	3.6	V
Operating temperature	T _{OP}	-20	70	°C
Storage temperature	T _{ST}	-30	80	°C
Humidity	RH	-	90%(Max60°C)	RH

nELECTRICAL CHARACTERISTICS

Parameter	Symbol	Min	Typ	Max	Unit
Power supply	V _{CC}	3.2	3.3	3.6	V
Input Current	I _{VCC}	-	174	348	mA
Input voltage ' H ' level	V _{IH}	0.8 V _{CC}	-	V _{CC}	V
Input voltage ' L ' level	V _{IL}	GND	-	0.2 V _{CC}	V
Output voltage ' H ' level	V _{OH}	V _{CC} -0.4	-	-	V
Output voltage ' L ' level	V _{OL}	GND	-	GND+0.4	V

n BACKLIGHT CHARACTERISTICS

Item	Symbol	Min.	Typ.	Max.	Unit
Forward voltage	V _f	9.0	9.6	10.5	V
Luminance	L _v	6200	-	-	cd/m ²
Lamp current	I _f	-	135	-	mA
Number of LED	-	27			Piece
Connection mode	S/P	3series,9 parallel			-

Using condition: constant current driving method I_f= 135 mA (+/-10%).

