

GENERAL INFORMATION

Item	Contents	Unit/Note
LCD Type	TFT TRANSMISSIVE	/
Viewing direction	12:00O'CLOCK	6:00O' Clock(good viewing)
Module area (W × H)	46.80×43.20	mm ²
Active area (W×H)	38.28×30.62	mm ²
Number of Dots	220(RGB) ×176	/
Driver IC	S6D0154	/
Colors	262K	/
Backlight Type	LED	/
Module Power consumption	223	mw
Interface Type	System parallel interface	/
Input voltage	2.8	V

n ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Min	Max	Unit
Supply voltage for logic	V _{DD} /IOV _{CC}	-0.3	3.3	V
Input voltage	V _{IN}	-0.3	V _{DD} + 0.5	V
Operating temperature	T _{OP}	-10	60	°C
Storage temperature	T _{ST}	-20	70	°C
Humidity	RH	-	90%(Max60°C)	RH

n ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Min	Typ	Max	Unit
Supply voltage for logic	V _{DD} -V _{SS}	2.7	2.8	2.9	V
IO Power Supply	IOV _{CC}	1.7/2.7	1.8/2.8	1.9/2.9	
Input Current	I _{dd}	-	5.69	11.38	mA
Input voltage 'H' level	V _{IH}	0.7 IOV _{CC}	-	IOV _{CC}	V
Input voltage 'L' level	V _{IL}	0	0	0.3 IOV _{CC}	V
Output voltage 'H' level	V _{OH}	0.8 IOV _{CC}	-	IOV _{CC}	V
Output voltage 'L' level	V _{OL}	0	0	0.2 IOV _{CC}	V

DC CHARACTERISTICS

n TIMING OF POWER SUPPLY

PLEASE REFER TO THE DRIVER IC SPECIFICATION.

n BACKLIGHT CHARACTERISTICS

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Forward voltage	V _f	3.0	3.2	3.4	V	If=60mA
Luminance	L _v	3300	3800	4300	cd/m ²	
Number of LED	-	4			Piece	-
Connection mode	P	Parallel			-	-

n EXTERNAL DIMENSIONS

