



5. Maximum Ratings

Item	Symbol	Min	Max	Unit	Note
Supply voltage	V	-0.3	4.6	V	
Operating temperature	V _T	-0.3	V _{CC} +0.3	V	
Storage temperature	T _{OPR}	-20	70	°C	
Storage temperature	T _{STR}	-30	80	°C	

6. Electrical Characteristics

Item		Symbol	Condition	Min.	Typ.	Max.	Unit
Supply voltage	Logic	V _{CC}		2.7	2.8	3.3	V
Input Voltage	H level	T _{IH}		0.8*IOVCC		IOVCC	V
	L level	T _{IL}		-0.3		0.2* IOVCC	
Storage temperature		I _{DD}	With internal voltage generation V _{CC} =2.8V; T _{emp} =25°C			TBD	mA

7. Backlight Characteristic

Item	Symbol	Min	Typical	Max	Unit
LED module Forward voltage	V _{LED}	3.0	3.2	3.4	V
LED module current	V _{LED}		120		mA
L/G Surface Luminance ★1	L _S	4000			Cd/m ²
LCM Surface brightness uniform ★2	L _D	80			%

★ 1Test condition is:

(a) Center point on active area.

(b)Best Contrast.

★2Uniform measure condition:

(1)Measure 9 point. Measure location show below;