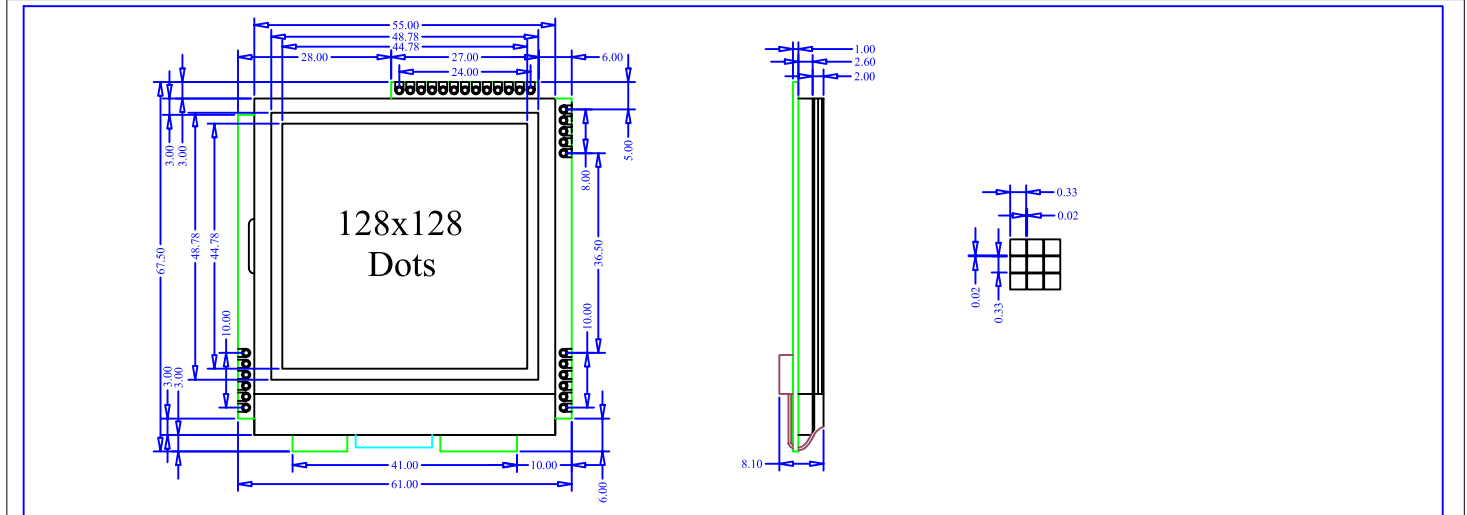


1.DIMENSION OUTLINE



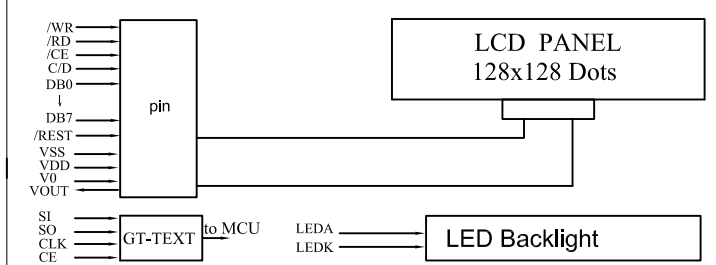
2.MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	ITEM	REMARK
Module Size(L×W×H)	61.0×67.5×8.1	mm	Reference Dimensional Outline
View Area(W×H)	48.78×48.78	mm	
Effective V/Area	44.78×44.78	mm	
Number of Characters	128×128	-	
Dot Pitch(W×H)	0.35×0.35	mm	
Dot Size(W×H)	0.33×0.33	mm	
Weight (Reflective/Led)	-	g	

3.ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	CONDITION	STANDARD	
			MIN	MAX
Logic Voltage	V _{DD}	Ta=25°C	-0.3V	3.5
LCD Voltage	V _{LCD}		-0.3V	25V
Input Voltage	V _I		-0.3V	V _{DD} +0.3V
Operation Temperature	T _{OP}	—	-20°C	70°C
Storage Temperature	T _{St}	—	-30°C	80°C

4.BLOCK DIAGRAM MECHANICAL



6.INTERFACE PIN CONNECTIONS

ITEM1	SYMBOL	LEVEL	FUNCTIONS
1	VSS	0V	Power Ground
2	VDD	+5V	Power supply for logic
3	V0	—	Contrast adjust
4	RS	H/L	H:data L:command
5	RW	H/L	H:read L:write
6	E	H,H→L	Enable signal
7-14	D0-D7	H/L	Data Bus
15	CSB	L	Chip enable signal
16	PS1	H/L	L:Inter8080 H:M6800
17	/RES	L	Reset signal
18	VOUT	—	Output voltage for LCD Driving
19	A	+5V	Power supply for LED Backlight
20	K	0V	
21	CE	H/L	Chip enable signal
22	CLK	H/L	Serial clock input
23	SO	H/L	Serial data output
24	SI	H/L	Serial data input
25	CE	H/L	Chip enable signal
26	CLK	H/L	Serial clock input
27	SO	H/L	Serial data output
28	SI	H/L	Serial data input
29-34	NC		NC

(GT-TEXT)

5.LED BACKLIGHT SPECIFICATIONS

ITEM	SYMBOL	TYPE	MAX	UNIT
Ta=25°C				
Forward Voltage	V _f	4.05	4.25	V
Forward Current	I _f	720	—	mA
Emission Wave Length	λ _P	568	—	nm

7.ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	MIN	TYPE	MAX	UNIT
Ta=25°C					
Logic Power	V _{DD}	1.7	3.3	3.3	V
Input High Voltage	V _{IH}	0.7*V _{DD}	—	V _{DD}	V
Input Low Voltage	V _{IL}	0	—	0.3*V _{DD}	V
Output High Voltage	V _{OH}	0.7*V _{DD}	—	V _{DD}	V
Output Low Voltage	V _{OL}	0	—	0.3*V _{DD}	V
Logic Current	I _{DD}	—	15	25	mA
Operation Voltage For LCD	V _{DD} -V ₀	—	15	—	V