

# LMG-S12812801

128 Dots X 128 Dots

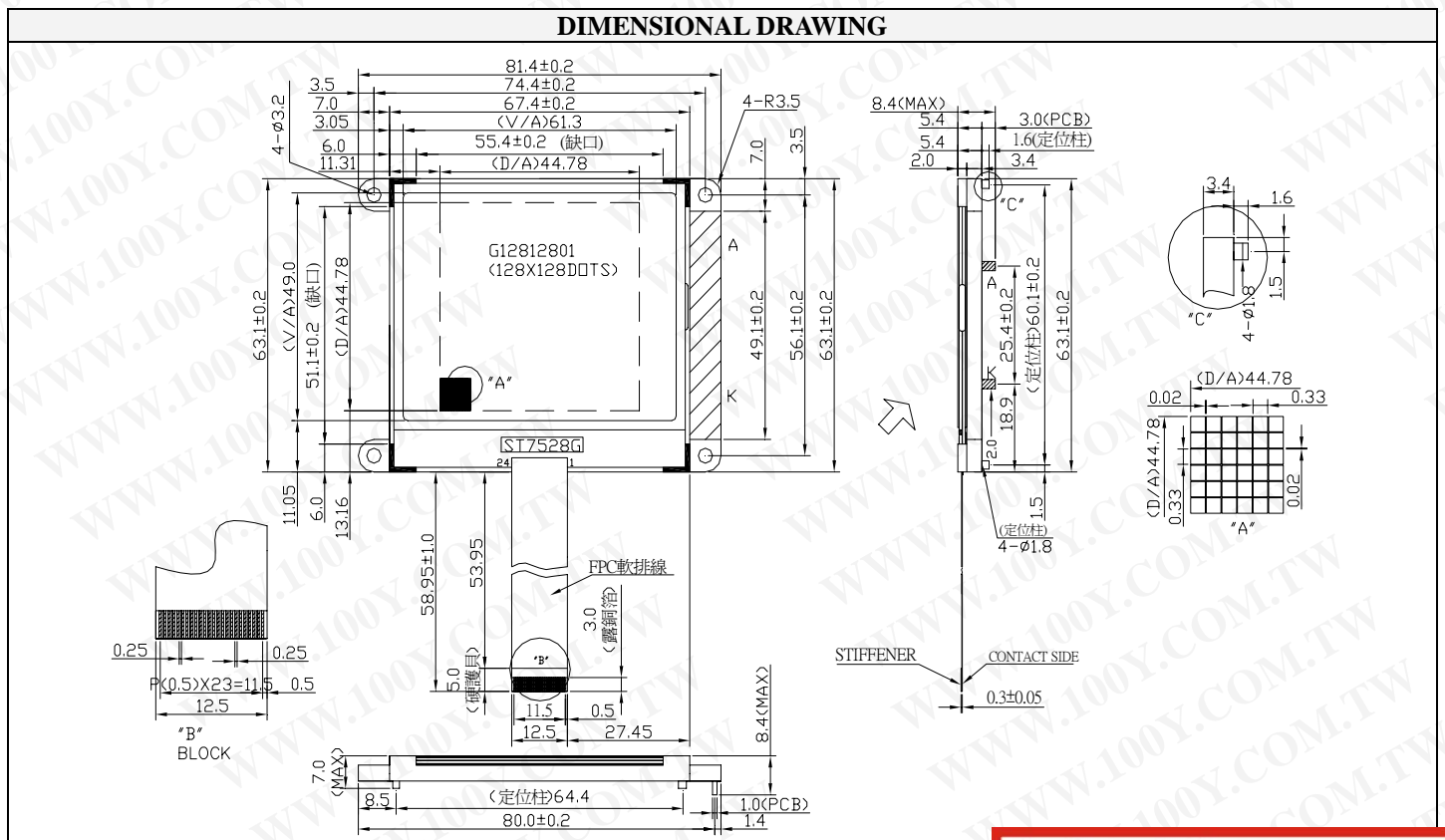
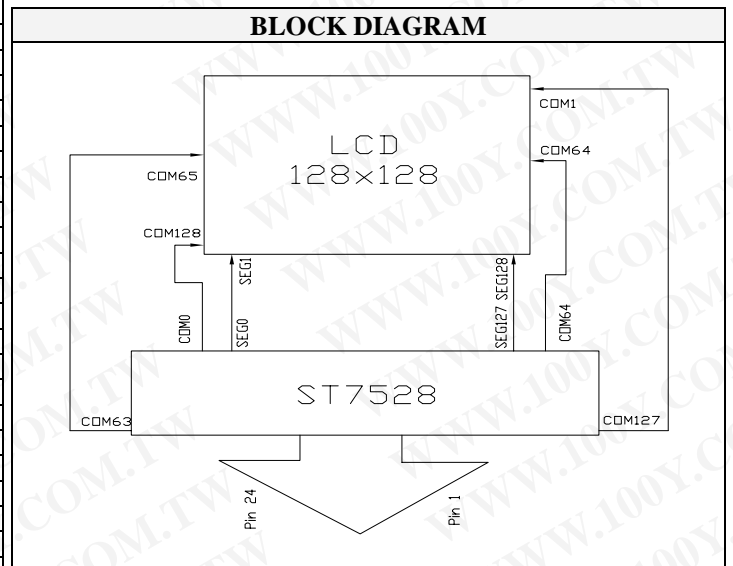
1/128 Duty

1/12 Bias

FEATURE	
LCD TYPE	STN , FSTN
LCM CONTROLLER IC	ST7528
LCM BACKLIGHT TYPE	LED
POWER SUPPLY FOR LCM	DC +3.0V
LED BACKLIGHT INPUT	DC +3.3V
LCD DIMENSION	81.4 (W) X 63.1 (H) mm
LCM VIEWING	61.3 (W) X 49.0 (H) mm
ACTIVE DISPLAY AREA	44.78 (W) X 44.78 (H) mm
LCD DOT SIZE	0.33 (W) X 0.33 (H) mm
LCD DOT PITCH	0.35 (W) X 0.35 (H) mm

ELECTRICAL						
ITEM	SYM.	CONDITION	MIN.	TYP.	MAX	UNIT
Supply Voltage For Logic	$V_{DD}-V_{SS}$	$T_a=25^{\circ}C$	2.4	3.0	3.3	V
Supply Voltage For LCD Driver	$V_{LCD}$	$T_a=25^{\circ}C$	11.7	12.0	12.3	V
Input High Voltage	$V_{IH}$	--	$0.7V_{DD}$	--	$V_{DD}$	V
Input Low Voltage	$V_{IL}$	--	0	--	$0.3V_{DD}$	V
Supply Current For Logic	$I_{DD}$	--	--	2.0	--	mA
LED Current	$I_F$	$T_a=25^{\circ}C$	--	91	140	mA
OPERATING TEMP.	$T_{OP}$	--	-20	--	+70	$^{\circ}C$
STORAGE TEMP.	$T_{SP}$	--	-30	--	+80	$^{\circ}C$

INTERFACE PIN CONNECTIONS			
NO.	SYM.	LEVEL	FUNCTION
1	PS0	H/L	Interface Mode Select
2	PS1	H/L	Interface Mode Select
3	PS2	H/L	Interface Mode Select
4	CSB	L	CHIP ENABLE SIGNAL
5	RESET	L	CONTROLLER RESET
6	A0	H/L	A0 = H : Data, A0 = L : Command
7	RW_WR	L	68 Series : RW ; 80 Series : /WR
8	E_RD	L	68 Series : E ; 80 Series : /RD
9	DB0	H/L	DATA BIT0
10	DB1	H/L	DATA BIT1
11	DB2	H/L	DATA BIT2
12	DB3	H/L	DATA BIT3
13	DB4	H/L	DATA BIT4
14	DB5	H/L	DATA BIT5
15	DB6	H/L	DATA BIT6
16	DB7	H/L	DATA BIT7
17	VDD	--	DC +3.0V
18	VSS	--	DC 0V
19	VOUT	--	LCD Driver Supply Voltages
20	V4	--	LCD Driver Supply Voltages
21	V3	--	LCD Driver Supply Voltages
22	V2	--	LCD Driver Supply Voltages
23	V1	--	LCD Driver Supply Voltages
24	V0	--	LCD Driver Supply Voltages



勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)