

# LMG-S1326401

132 Dots X 64 Dots

1/64 Duty

1/9 Bias

FEATURE		
LCD TYPE	STN , FSTN	
LCM CONTROLLER IC	ST7565P	
LCM BACKLIGHT TYPE	--	
POWER SUPPLY FOR LCM	DC +3.3V	
LED BACKLIGHT INPUT	DC +3.3V	
LCM DIMENSION	85.0 (W) x 52.0 (H)	mm
LCM VIEWING	81.0 (W) x 41.0 (H)	mm
ACTIVE DISPLAY AREA	76.53 (W) x 37.09 (H)	mm
LCD DOT SIZE	0.55 (W) x 0.55 (H)	mm
LCD DOT PITCH	0.58 (W) x 0.58 (H)	mm

INTERFACE PIN CONNECTIONS			
NO.	SYM.	LEVEL	FUNCTION
1	/CS1	L	The chip select signal
2	/RES	L	Reset signal
3	A0	H/L	H: Display data ; L: Control data
4	R/W (/WE)	L	6800: R/W ; 8080 : /WR
5	E (/RD)	L	6800: E ; 8080 : /RD
6~11	DB0~DB5	H/L	Data Bit 0~5
12	DB6(SCL)	H/L	the serial clock input (SCL)
13	DB7(SI)	H/L	Serial data input (SI)
14	VDD	--	Power Supply terminal VCC.
15	VSS	--	GND.
16	VOUT	--	DC/DC voltage converter
17	C3+	--	DC/DC voltage converter(CAP3+)
18	C1-	--	DC/DC voltage converter(CAP1-)
19	C1+	--	DC/DC voltage converter(CAP1+)
20	C2+	--	DC/DC voltage converter(CAP2+)
21	C2-	--	DC/DC voltage converter(CAP2-)
22~26	V4~V0	--	Power supply for LCD Driver
27	VR	--	Output voltage regulator terminal
28	C86	H/L	H: 6800 ; L: 8080
29	P/S	H/L	H: Parallel , L: Serial data input
30	IRS	H/L	H: Use the internal resistors. L: Do not use the internal resistors

ELECTRICAL						
ITEM	SYM.	CONDITION	MIN.	TYP.	MAX	UNIT
Supply Voltage For Logic	$V_{DD}-V_{SS}$	$T_a=25^{\circ}C$	2.4	3.3	3.6	V
Supply Voltage For LCD Driver	$V_{LCD}$	$T_a=25^{\circ}C$	8.2	8.5	8.8	V
Input High Voltage	$V_{IH}$	--	$0.8V_{DD}$	--	$V_{DD}$	V
Input Low Voltage	$V_{IL}$	--	0	--	$0.2V_{DD}$	V
Supply Current For Logic	$I_{DD}$	--	--	0.5	--	mA
LED Current	$I_F$	$T_a=25^{\circ}C$	--	--	--	mA
OPERATING TEMP.	$T_{OP}$	--	-20	--	+70	$^{\circ}C$
STORAGE TEMP.	$T_{SP}$	--	-30	--	+80	$^{\circ}C$

