



SG240128A (240 DOTS X 128 DOTS)

FEATURES

- ◆ BUILT-IN CONTROLLER (T6963C OR EQUIVALENT)
- ◆ +5 V POWER SUPPLY
- ◆ 1/128 DUTY CYCLE
- ◆ 8-BIT PARALLEL INTERFACE
- ◆ EDGE LIGHTING TYPE CCFL BACKLIGHT

INTERFACE PIN CONNECTIONS

NO.	SYMBOL	LEVEL	FUNCTION
1	FGND	-	Frame Ground
2	Vss	0V	Power Supply Ground
3	VDD	5V	Power Supply Voltage
4	Vo	-	Contrast Adjustment Voltage
5	/WR	L	Write Signal
6	/RD	L	Read Signal
7	/CE	L	Enable Signal
8	C/D	H/L	H : Data , L : Instruction Code
9	NC	-	No Connection
10	/RST	L	Reset Signal
11~18	DB0~DB7	H/L	Data Bus Line
19	FS	H/L	H : 6*8 , L : 8*8 Select Of Columns
20	RV	-	Reverse Data In

MECHANICAL DATA

ITEM	DIMENSIONS	UNIT
Module Size (W x H x T)	170.0 x 102.0 x 14.0 (15.5)	mm
Viewing Area (W x H)	132.0 x 76.0	mm
Active Area (W x H)	119.97 x 63.97	mm
Dot Size (W x H)	0.47 x 0.47	mm
Dot Pitch (W x H)	0.50 x 0.50	mm

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic	VDD-Vss	0	-	7	V
Supply Voltage For LCD Drive	VDD-Vo	0	-	28	V
Input Voltage	Vi	Vss	-	VDD	V

ELECTRICAL CHARACTERISTICS

ITEM		SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic		VDD-VSS	-	4.5	5	5.5	V
LCD Supply Voltage		VDD-Vo	VDD=5V Ta=25℃	16.9	18	19.2	V
Supply Current		IDD	VDD=5V	-	15	24	mA
Input	"HIGH" Level	VIH	-	2.2	-	VDD	V
Voltage	"LOW" Level	VIL	-	-	-	0.6	V
Output	"HIGH" Level	VOH	-	2.4	-	-	V
Voltage	"LOW" Level	VOL	-	-	-	0.4	V

EXTERNAL DIMENSIONS

