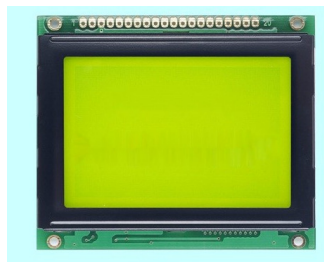


Display Feature

Item	Value
Structure	COB
LCD Display Mode	STN, Positive, Transmissive
Viewing Direction	6 O'Clock
Backlight type & Color	LED, Yellow-Green
Driving Method	1/64Duty, 1/9Bias
Control/Drive IC	S6B0108 or Eqv
LCD Connection	Zebra
MCU Interface Type	8Bit Parallel



Mechanical Data

Item	Value
Outline	78.0×70.0×13.0mm
Viewing Area	62.0×44.0mm
Active Area	56.28×38.36mm
Dot Pitch	0.44×0.60mm
Dot Size	0.40×0.56mm

LM12864-D-M1001 Series

- ★ Various LCD Display Mode Available
- ★ Various Temperature Range Available

- ★ Application
- ★ Instrument and Apparatus

Electrical Condition

Item	MIN.	TYP.	MAX.
Operating Voltage (V)	2.0		5.0
LCD Vop (V)		11.2	
Backlight Vf (V)		4.1	4.3
Backlight If (mA)		60	

Temperature Range

Item	MIN.	MAX.
Operating Temperature (°C)	-20	70
Storage Temperature (°C)	-30	80

Terminal Function

No.	Pin Name	Descriptions	No.	Pin Name	Descriptions
1	/CS1	Chip selection for IC1	8	E	Enable signal
2	/CS2	Chip selection for IC2	9~16	DB0~DB7	Data bus
3	WR	Write Control Signal Input	17	/RST	REST signal
4	VDD	Power Supply for logic	18	Vout	Output voltage for LCD
5	Vo	Operating voltage for LCD	19	LEDA	Backlight Positive Electrode
6	RS	Data/Instruction code	20	LEDK	Backlight Negative Electrode
7	R/W	Read/Write			

Outline Drawing

