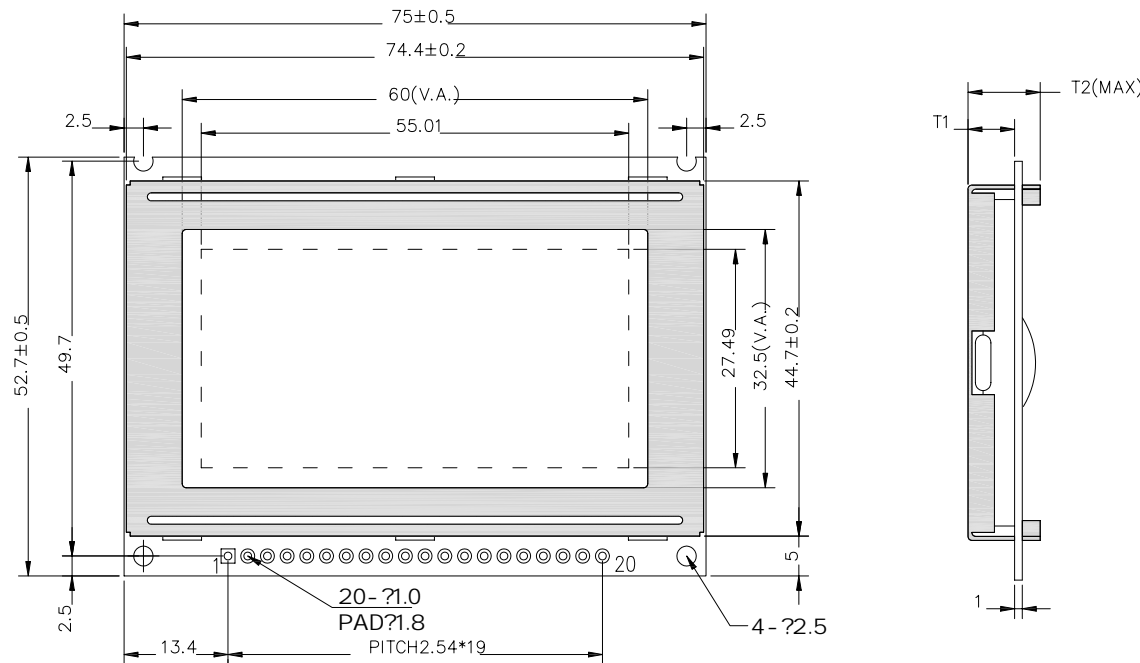
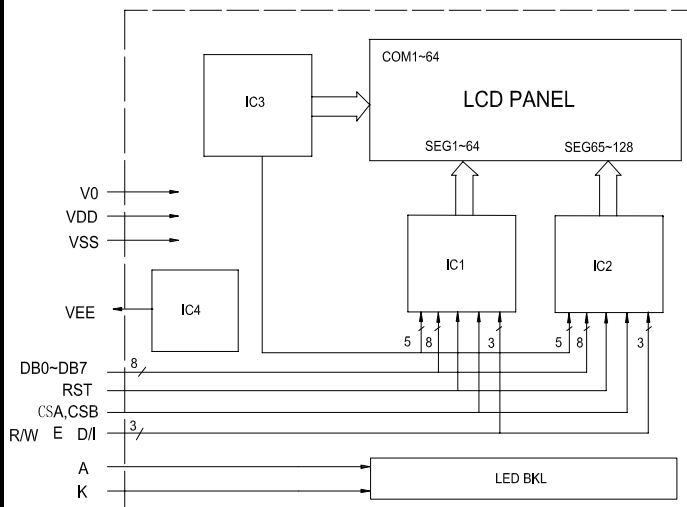


Pin	Symbol
1	VDD
2	VSS
3	V0
4~11	DB0~DB7
12	CS1
13	CS2
14	/RES
15	RW
16	D/I
17	E
18	VEE
19	A
20	K



## Block diagram



## Feature

- 128dots X 64dots matrix.
- Built-in controller (S6B0108)
- Interface with 8-bit ;5V power supply
- 5V;1/64Duty cycle, 1/9Bias.
- Display Mode & Backlight Variations.
- ROHS Compliant

## Mechanical thickness

LCD module	T1	T2	Unit
Without or EL	5.4	9.0	mm
Edge backlight	6.2	10.0	mm
Bottom backlight	8.8	12.5	mm

## Mechanical data

Item	Standard	Unit
Module size	75.0X52.7	mm
View area	60.0X32.5	mm
Dot size	0.39X0.39	mm
Area size	55.01X27.49	mm

## Maximum Absolute Power Ratings

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Input voltage	V <sub>DD</sub>	-0.3	---	5.5	V
Power supply	V <sub>IN</sub>	-0.3	---	V <sub>DD</sub>	

## Electronical characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Operating voltage	V <sub>DD</sub>	V <sub>DD</sub> =5.0V	4.5	---	5.5	V
Operating current	I <sub>DD</sub>	V <sub>DD</sub> =5.0V	---	7.2	8	mA
Recommended LCD driving voltage for normal temp module	V <sub>LCD</sub>	T <sub>A</sub> =+25	---	8.5	---	V
		T <sub>A</sub> =0	---	8.7	---	
		T <sub>A</sub> =-20	---	9.1	---	
Backlight voltage	V <sub>LED</sub>	Y-G	---	4.2	---	V
Backlight current	I <sub>LED</sub>	V <sub>LED</sub> =4.2V	---	280	---	mA
Operating temperature	T <sub>O</sub>	---	-20	---	70	
Storage temperature	T <sub>S</sub>	---	-30	---	80	