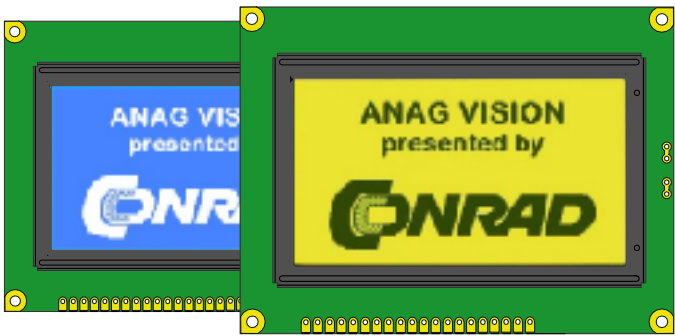


- Built-in controller (KS0107 - KS0108 or equivalent)
- +5V power supply
- NV built in
- 1/64 duty



Pin Assignment

No.	Symbol	Function
1	Vss	Power Supply (0V) Gnd
2	Vdd	Power Supply (+5V)
3	VO	Contrast Adjustment
4	D/I	Data/Instruction
5	R/W	Data Read/Write
6	E	Enable Signal H=>L
7-14	DB0 - DB7	Data Bus Line
15	CS1	Chip Select IC1
16	CS2	Chip Select IC2
17	RST	Reset
18	Vee	Negative Voltage Output
19	A *	Power Supply for LED +4.2V
20	K	Power Supply for LED 0V

Mechanical Data

Item	Standard Value	Unit
Module Size	93.0 x 70.0	mm
Viewing Area	72.0 x 40.0	mm
Dot Size	0.48 x 0.48	mm
Dot Pitch	0.52 x 0.52	mm

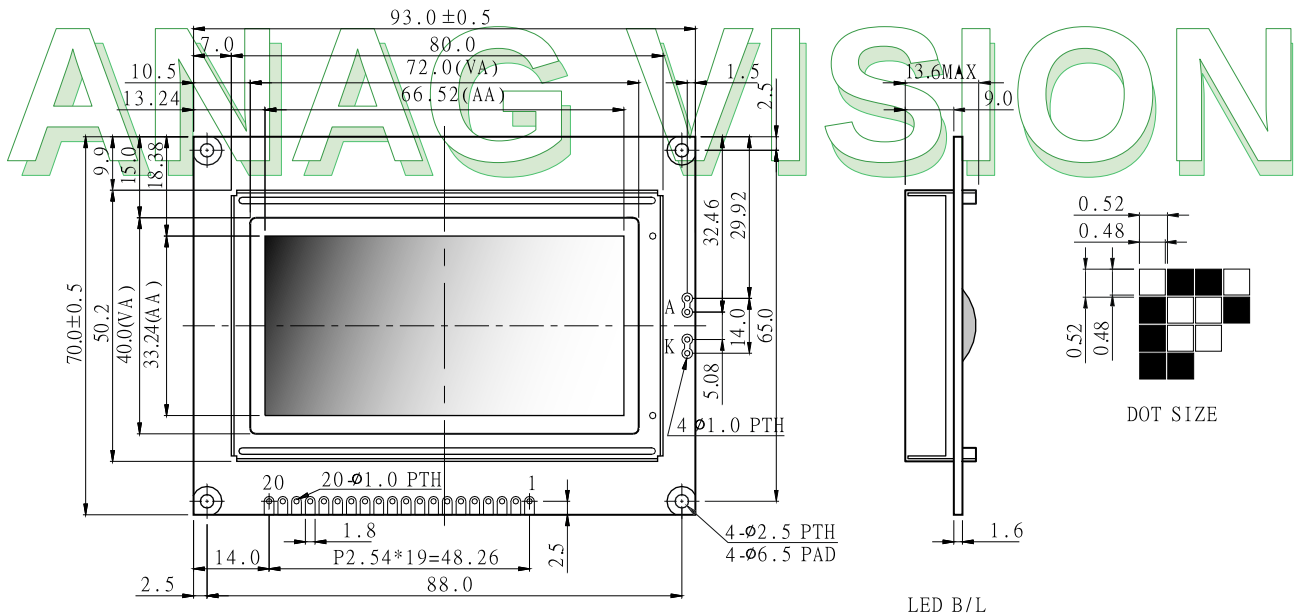
Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Supply Voltage	Vdd-Vss	4.5	5.0	5.5	V
Input Voltage	VI	-0.3	---	Vdd	

Vss=0V, Vdd=5.0V

Electronical Characteristics

Item	Symbol	Condit.	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VIO	L Level	Vss	---	0.3Vdd	V
		H Level	0.7Vdd	---	Vdd	
Supply Current	Idd	Vdd = +5V	---	9.7	---	mA
Recommended LC Driving Voltage for Standard Temp. Modules	Vdd-V0	0 °C	9.7	10.2	10.7	V
		25 °C	8.9	---	9.9	
		50 °C	8.6	9.1	9.6	
LED Forward Voltage	Vf	25 °C	---	4.2	4.6	mA
LED Forward Current	If	25 °C	---	300	600	
LED weiß Voltage *	ILED	3.5 V	65	80	100	



This data sheet is for reference only.
The color of the display may vary slightly depending on different production lots and ambient light. We reserve the right to changes and improvements without prior notice.

Verfügbar STN:

gelb-grün LED
positiv LED gelb
181677

blau negativ
LED weiß
181682

CONRAD Best.-Nr: