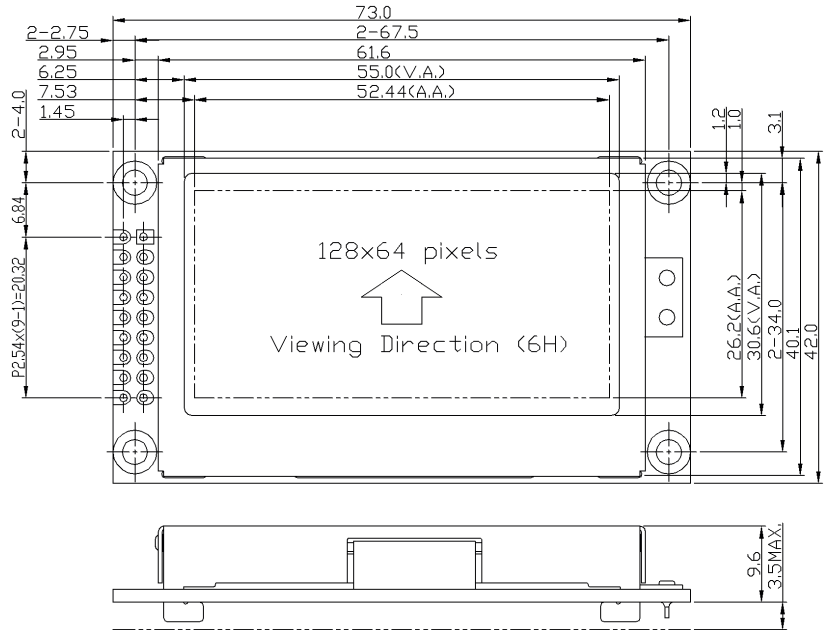


OUTLINE DRAWING



TERMINAL FUNCTIONS

Pin	Name	Descriptions		
		80 mode	68 mode	Serial mode
1	/CS1	Chip selection /CS1=L, enable access to the LCD module /CS1=H, disable access to the LCD module		
2	/RES	Reset Signal		
3	A0	Register Select		
4	/WR (R/W)	/WR=L→H /RD=H; Data or Instruction latch into the LCD module	R/W=H, E=H; Data or status read from the LCD module R/W=L,	Not use Leave open or pull Hi
5	/RD(E)	/WR=H, /RD=L Data or status read from the LCD module	E=H→L Data or Instruction latch into the LCD module	
6	D0	8 bit Data Bus		Not use
:	:	These state I/O Terminal for display data or instruction data		
11	D5			
12	D6 (SCL)	Serial clock input		
13	D7(SI)	Serial data input		
14	VDD	Positive Power Supply		
15	VSS	0V Power Supply		
16	BLA	LED Backlight Positive Power Supply		
17	BLK	LED Backlight Negative Power Supply		
18	NC	No Connection, leave open		

DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode	STN-YG, Positive, Transflective
Viewing Angle	6:00
Driving Method	1/65 duty, 1/9 bias
Backlight <sup>#</sup>	YG LED Backlight

MECHANICAL DATA

Item	Value
Outline (mm)	73.0 x 42.0 x 13.1MAX
Viewing Area (mm)	55.0 x 30.6
Active Area (mm)	52.44 x 26.2
Dot Pitch (mm)	0.41 x 0.41
Dot Size (mm)	0.37 x 0.37

ABSOLUTE MAXIMUM

Item	Symbol	Min	Max
Operating Voltage (V)	V <sub>DD</sub>	-0.3	+3.4
Operating Temperature (°C)	T <sub>OP</sub>	-20	+70
Storage Temperature (°C)	T <sub>ST</sub>	-30	+80

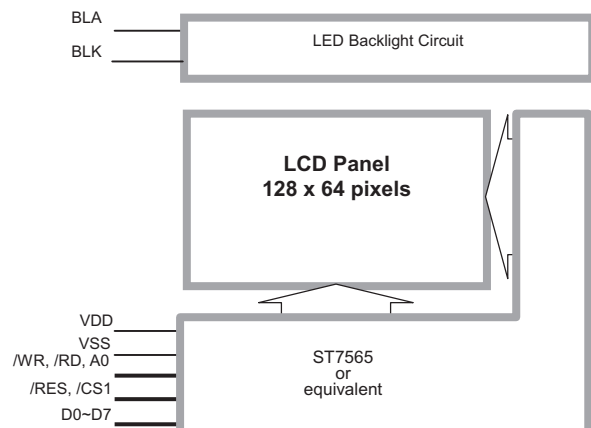
ELECTRICAL CHARACTERISTICS\*

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	V <sub>DD</sub>	2.8	-	3.3
Input High Voltage (V)	V <sub>IH</sub>	0.8 V <sub>DD</sub>	-	V <sub>DD</sub>
Input Low Voltage (V)	V <sub>IL</sub>	0	-	0.2V <sub>DD</sub>
Operating Current (mA)	I <sub>DD</sub>	-	0.3	2.5

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V <sub>fBLA</sub>	-	5.0	-
Forward Current (mA)	I <sub>fBLA</sub>	-	180	270

BLOCK DIAGRAM



LM6060 series

	Highlight		
	LCD Mode	# Backlight	Voltage
LM6060CBY*	STN-YG	YG LED	3.0V

For similar product or (semi) custom made LCD module, please visit our web site or contact us.

\*The above product information is based on this model.