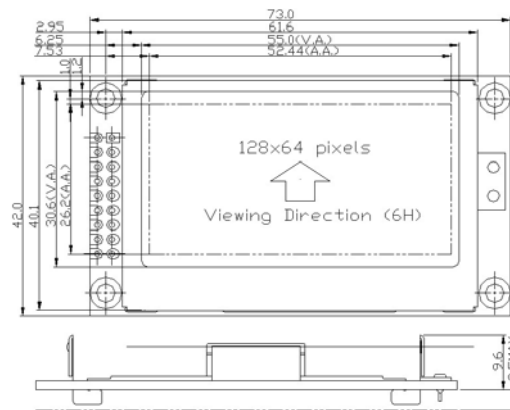


OUTLINE DRAWING



FEATURES

- 128x64 dots, COG type, 3.3v power supply
- Parallel or Serial interface optional
- Ultra high contrast, Low power consumption
- Kinds of display model by STN-YG, STN-blue, FSTN-Neg. with YG, White, Amber LED backlight optional

TERMINAL FUNCTIONS

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

TEMPERATURE CHARACTERISTICS

Item	Symbol	Min	Max
Operating Temperature (°C)	T _{OP}	-20	+70
Storage Temperature (°C)	T _{ST}	-30	+80

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

DISPLAY CHARACTERISTICS

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

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	V _{DD}	2.8	-	3.3
Input High Voltage (V)	V _{IH}	0.8V _{DD}	-	V _{DD}
Input Low Voltage (V)	V _{IL}	V _{SS}	-	0.2V _{DD}
Operating Current (mA)	I _{DD}	-	0.3	2.5

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V _{fBLA}	-	5.0	-
Forward Current (mA)	I _{fBLA}	-	180	270

MAJOR PRODUCT LIST

Models	Highlight		
	LCD Mode	Backlight	Voltage
LM6060CBY★	STN-YG	YG	3.3V
LM6060CCW-2	FSTN-Pos	White	3.3V
LM6060CGO	FSTN-Neg	Amber	3.3V
LM6060CFW	STN-Blue	White	3.3V

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.