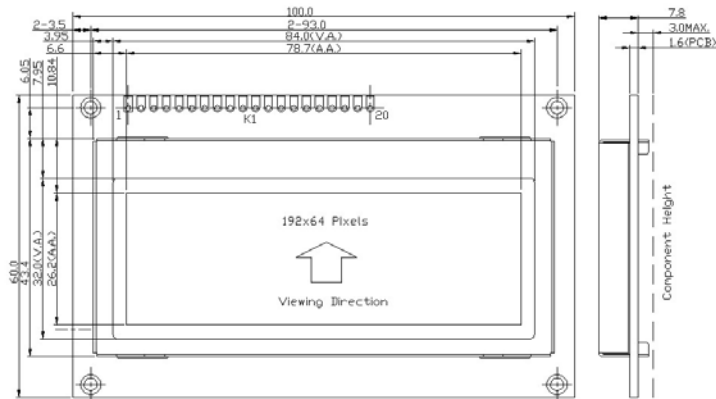


OUTLINE DRAWING



FEATURES

- 192x64 dots , 3.3v power supply
- Mechanical size compatible with standard
- Parallel or Serial interface optional
- STN-Blue or FSTN with white LED backlight optional

TERMINAL FUNCTIONS

Pin	Name	Descriptions
1	DB7	8-bit bi-directional data bus
2	DB6	
:	:	
8	DB0	
9	/RD	Read enable input , active LOW
10	/WR	Write enable input , active LOW
11	A0	Register Select A0=H , Transferring the display data A0=L , Transferring the control data
12	NC	No connection
13	VDD	Positive power supply
14	VSS	Negative power supply,0V
15	/CS1	Chip select /CS1=L , Enable access to the LCD module /CS1=H , Disable access to the LCD module
16	NC	No connection
17	NC	No connection
18	/RES	Reset signal /RES=L , Initialization is executed /RES=H , Normal running
19	BLA	Positive Power Supply for LED backlight
20	BLK	Negative Power Supply for LED backlight

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)	100.0x60.0x10.8MAX
Viewing Area (mm)	84.0x32.0
Active Area (mm)	78.7x26.2
Dot Pitch (mm)	0.41x0.41
Dot Size (mm)	0.39x0.39

DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode	STN-Blue, Negative , Transmissive
Viewing Angle	6:00
Driving Method	1/65Duty,1/9Bias
Backlight	White LED backlight

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	V _{DD}	3.0	3.3	3.6
Input High Voltage (V)	V _{IH}	0.85V _{DD}	-	V _{DD}
Input Low Voltage (V)	V _{IL}	V _{SS}	-	0.15V _{DD}
Operating Current (mA)	I _{DD}	-	0.35	2.6

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V _{fBLA}	-	3.3	-
Forward Current (mA)	I _{fBLA}	-	85	110

MAJOR PRODUCT LIST

Models	Highlight		
	LCD Mode	Backlight	Voltage
LM6071CFW★	STN-Blue	White LED	3.3V
LM6071CCW	FSTN-Pos	White LED	3.3V
LM6071CGW	FSTN-Neg	White LED	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.