SPECIFICATIONS
- Use CHIP No.SH1106
- Use 3.3V-5V POWER SUPPLY
- Graphic LCD 1.3” in width with 128x64 Dot Resolution
- White Display is used for the model OLED 1.3 I2C WHITE and blue Display is used for the model OLED 1.3 I2C BLUE
- Use I2C Interface
- Directly connect signal to Microcontroller 3.3V and 5V without connecting through Voltage Regulator Circuit
- Total Current when running together is 8 mA
- PCB Size: 33.7 mm x 35.5 mm

Table shows name and function of Pin OLED

<table>
<thead>
<tr>
<th>Pin No.</th>
<th>Pin Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VDD</td>
<td>Pin Power Supply for LCD, using 3.3V-5V</td>
</tr>
<tr>
<td>2</td>
<td>GND</td>
<td>Pin Ground</td>
</tr>
<tr>
<td>3</td>
<td>SCK</td>
<td>Pin SCL of I2C Interface</td>
</tr>
<tr>
<td>4</td>
<td>SDA</td>
<td>Pin SDA of I2C Interface</td>
</tr>
</tbody>
</table>
Example of connecting with Board Arduino

This example illustrates how to connect together with Board Arduino, in this case, it is Board ET-BASE AVR EASY328. It is used together with Program Arduino and Library “u8glib” (https://github.com/olikraus/u8glib/) to connect and communicate to Module OLED.
- Firstly, install Library “u8glib”; go to Menu Sketch > Include Library > Add.ZIP Library...

- Go to Folder Lib_Arduino\u8glib in CD-ROM; next, choose U8glib_Arduino-1.19.1.zip as shown in the picture below.

- Wire Circuit as shown in the picture below

ET-BASE AVR EASY328
- Open Example Program in Folder **Examples** provided with CD-ROM; and finally, upload the program into board.

Diagram shows dimensions of Module OLED 1.3 LED.