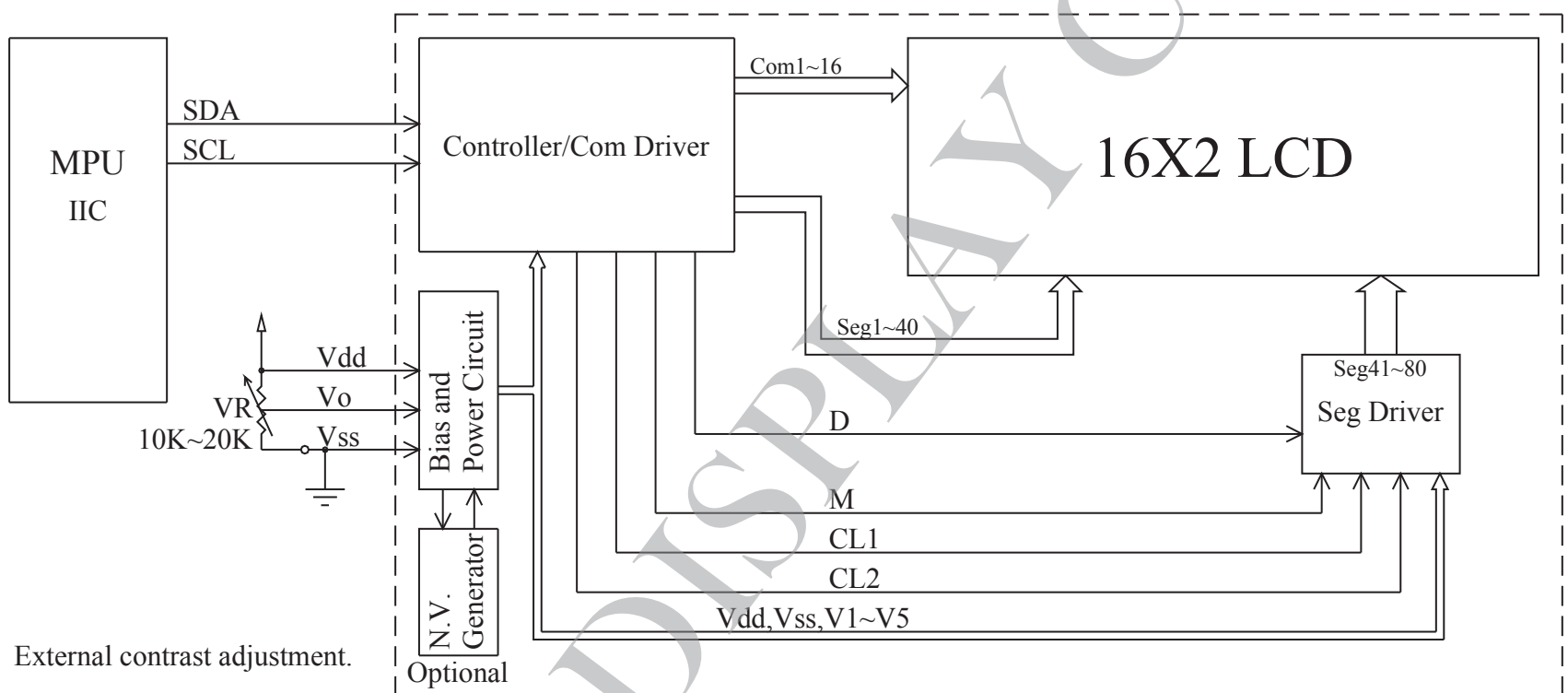
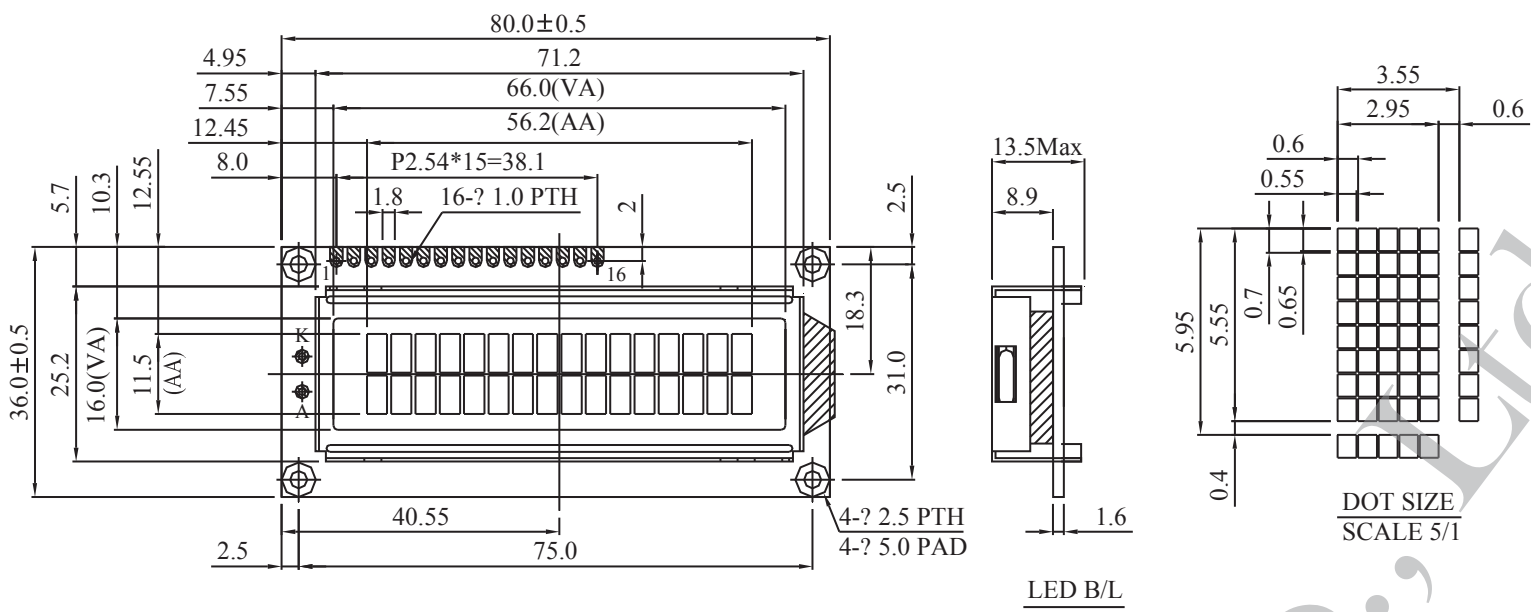


## Contour Drawing & Block Diagram



|                   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Character located | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| DDRAM address     | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 0A | 0B | 0C | 0D | 0E | 0F |
| DDRAM address     | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 4A | 4B | 4C | 4D | 4E | 4F |

## Interface Pin Function

| Pin No. | Symbol          | Level      | Description  |
|---------|-----------------|------------|--|
| 1       | V <sub>SS</sub> | 0V         | Ground   |
| 2       | V <sub>DD</sub> | 5.0V       | Supply Voltage for logic   |
| 3       | VO              | (Variable) | Operating voltage for LCD  |
| 4       | NC              | —          | No connection  |
| 5       | NC              | —          | No connection  |
| 6       | NC              | —          | No connection  |
| 7       | SA0             | H/L        | In IIC interface ,DB1(SA1) and DB0(SA0) are used for Slave address, must be connect to VDD or VSS                                    |
| 8       | SA1             | H/L        |  |
| 9       | NC              | —          | No connection  |
| 10      | NC              | —          | No connection  |
| 11      | NC              | —          | No connection  |
| 12      | CSB             | H/L        | In IIC serial mode, used as chip selection input. When CSB = "Low", selected. When CSB = "High", not selected. ( Low access enable ) |
| 13      | SDA             | H/L        | serial input data  |
| 14      | SCL             | H/L        | serial clock input   |
| 15      | A               | —          | LED +  |
| 16      | K               | —          | LED -  |

| PIN NO. | SYMBOL          |
|---------|-----------------|
| 1       | V <sub>SS</sub> |
| 2       | V <sub>DD</sub> |
| 3       | VO              |
| 4       | NC              |
| 5       | NC              |
| 6       | NC              |
| 7       | SA0             |
| 8       | SA1             |
| 9       | NC              |
| 10      | NC              |
| 11      | NC              |
| 12      | CSB             |
| 13      | SDA             |
| 14      | SCL             |
| 15      | A               |
| 16      | K               |