



## Feature

1. COG package
2. Built-in controller ST7567S
3. +3.3V single power supply
4. 1/64 duty cycle
5. On chip LCD booster
6. Option: LED edge backlight


**Mechanical Data**

| Item             | Standard Value | Unit |
|------------------|----------------|------|
| Module Dimension | 80.0 x 54.0    | mm   |
| View Area        | 70.7 x 38.8    | mm   |
| Dot Size         | 0.48 x 0.48    | mm   |
| Dot Pitch        | 0.52 x 0.52    | mm   |



## Pin Assignment

| Pin   | Symbol  | Pin   | Symbol |
|-------|---------|-------|--------|
| 1     | /CS1    | 19    | V0     |
| 2     | /RES    | 20    | XV0    |
| 3     | A0      | 21~24 | NC     |
| 4     | /WR(RW) | 25    | VG     |
| 5     | /RD(E)  | 26~30 | NC     |
| 6~13  | D0~D7   | 31    | C86    |
| 14    | VDD     | 32    | PSB    |
| 15    | VSS     | 33    | SI2    |
| 16~18 | NC      | 34    | NC     |

## Electronic Characteristics

| Item                        | Symbol | Condition | Typical Value | Unit |
|-----------------------------|--------|-----------|---------------|------|
| Input Voltage               | VDD    |           | 3.3           | V    |
| Supply Current              | IDD    |           | 0.5           | mA   |
| LCD Forward Voltage         | VLCD   | 25°C      | 10.2          | V    |
| LED Forward Voltage (white) | VF     | 25°C      | 3.2           | V    |
| LED Forward Current (white) | IF     | 25°C      | 120           | mA   |

## Dimension

