

| PIN | SYMBOL | FUNCTION |
|-----|--------|---------------------------|
| 1 | VSS | Ground(0V) |
| 2 | K | Backlight power supply(-) |
| 3 | VDD | Supply voltage for logic |
| 4 | A | Backlight power supply(+) |
| 5 | V0 | Supply voltage for LCD |
| 6 | DB7 | Date bus line |
| 7 | A0 | Data control signal |
| 8 | DB6 | Date bus line |
| 9 | R/W | Data read / write |
| 10 | DB5 | Date bus line |
| 11 | E1 | Enable signal(Chip1) |
| 12 | DB4 | Date bus line |
| 13 | E2 | Enable signal(Chip2) |
| 14 | DB3 | Date bus line |
| 15 | NC | No connection |
| 16 | DB2 | Date bus line |
| 17 | DB0 | Date bus line |
| 18 | DB1 | Date bus line |

Note (*): pin2,4 are used for backlight version only

| | | | | | | |
|------------------------------------|---------------------|-----------------------|---------------|--------------------------------|-------------------------------|------------------|
| TOLERANCE IF NOT SPECIFY ±0.2mm | | SCALE NOT ON SCALE | UNIT IN mm | MULTI-INNO TECHNOLOGY CO.,LTD. | | SHEET 2 OF 3 |
| REV. | REVISION RECORD | DATE | CUSTOMER | APPROVED | MODEL NO. | M112232H |
| 00 | 1st ISSUE | 27-JUN-07 | STANDARD | APPROVED | TITLE: PINOUT & BLOCK DIAGRAM | |
| 01 | Change BZ Size | 11-JUL-07 | | | DRAWN BY: | DATE : 07.08.22 |
| 02 | Revise FFC location | 17-AUG-07 | | | CHECKED BY : | DATE : 07. 6. 07 |
| 03 | Change LCD voltage | 22-AUG-07 | CUSTOMER REF. | OUR REF. ZX4027 | APPROVED BY : | DATE : 07. 8. 07 |

1. General specification

Display mode : 122 x 32 dots COB LCD module


Interface : 8 bit parallel

Driving method : 1/32 duty , 1/6 bias

2. Electrical specification

Supply voltage for logic (VDD) : 5.0V

Operating voltage for LCD (VLCD) : 5.0V

Supply voltage for LCD (Vo) : 0V 

3. Mechanical specification

Dot size : 0.31(L) X 0.45(W)

Dot pitch : 0.35(L) X 0.5(W)

Viewing area : 46.0(L) X 18.5(W)

Module dimension : 63.0(L) X 29.1(W) X 11.7(H)

4. Backlight specification

Backlight type : Side-lited LED

Backlight color : Yellow green

Supply voltage for backlight : 4.1V@30mA

| TOLERANCE IF NOT SPECIFY ±0.2mm | | SCALE NOT ON SCALE | UNIT IN mm | MULTI-INNO TECHNOLOGY CO.,LTD. | | SHEET 3 OF 3 |
|------------------------------------|---------------------|-----------------------|------------|--------------------------------|----------------------|-------------------|
| REV. | REVISION RECORD | | DATE | APPROVED | MODEL NO. | M112232H |
| 00 | 1st ISSUE | | 27-JUN-07 | | TITLE: SPECIFICATION | |
| 01 | Change BZ Size | | 11-JUL-07 | | DRAWN BY: | DATE : 07.08.22 |
| 02 | Revise FFC location | | 17-AUG-07 | APPROVED | CHECKED BY : | DATE : 07. 8 .22 |
| 03 | Change LCD voltage | | 22-AUG-07 | | APPROVED BY : | DATE : 07. 08 .22 |
| | | | | | OUR REF. ZX4027 | |
| | | | | | CUSTOMER REF. | |
| | | | | | CUSTOMER | |
| | | | | | STANDARD | |
| | | | | | AGENT | |