Next Vision Display
Brighten The Future

# NG12832GN001CL

## GENERAL DESCRIPTION

Display mode : 128 x 32 dots, Graphic COG LCD module

Interface : $I^2C$

Driving method : 1/33 duty, 1/7 bias

Controller IC : Sitronix ST7029 or equivalent
For the detailed information, please refer to the IC specifications

## MECHANICAL DIMENSIONS

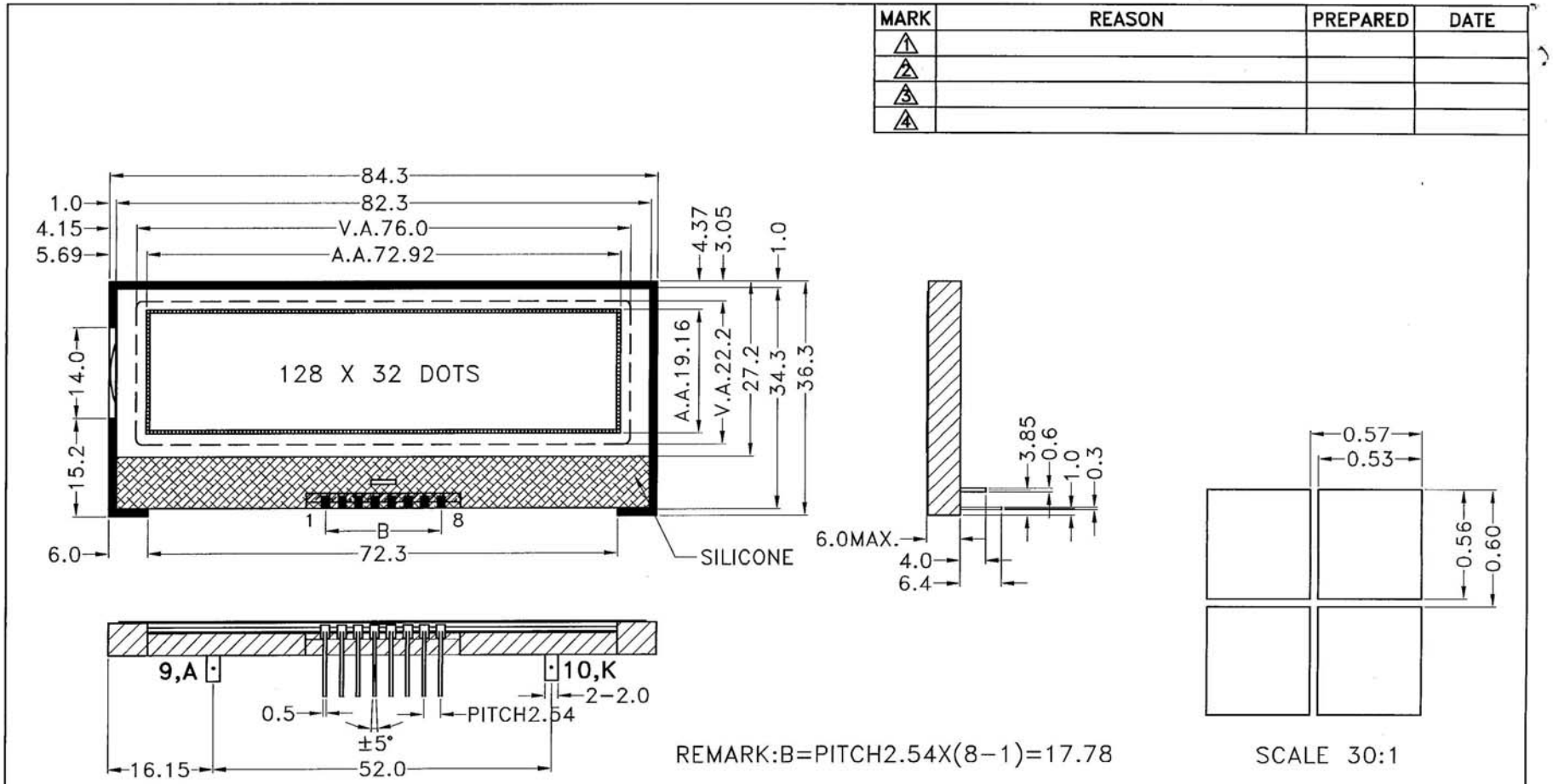
| Item | Dimension | Unit | Item | Dimension | Unit |
|---|---|---|---|---|---|
| Outline Dimension | 84.3(L)x36.3(W)x6.0max(H) | mm | Dot Size | 0.53(L)x0.56(W) | mm |
| Viewing Area | 76.0(L)x22.2 (W) | mm | Dot Pitch | 0.57(L)x0.60(W) | mm |

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## CONNECTOR PIN ASSIGNMENT

| Pin No. | Symbol | Function |
|---|---|---|
| 1 | VG | Output of VG regulator |
| 2 | XV0 | Output of XV0 regulator |
| 3 | VLCD | Power Supply for LCD |
| 4 | VSS | Ground |
| 5 | VDD | Power Supply for logic |
| 6 | SDA | Serial data input |
| 7 | SCL | Serial clock input |
| 8 | RSTB | Reset pin input |
| 9 | A | Supply voltage for backlight (+) |
| 10 | K | Supply voltage for backlight (-) |

## COUNTER DRAWING OF MODULE DIMENSION




| | | | |
|---|---|---|---|
| TOLERANCE IF NOT SPECIFY ±0.5mm | SCALE N.T.S. | UNIT IN mm | NEXT VISION DISPLAY |

SHEET 1 OF 3

| REV. | REVISION RECORD | DATE |
|---|---|---|
| 00 | 1st ISSUE | 11 FEB 15 |

| | | | |
|---|---|---|---|
| CUSTOMER | STANDARD | APPROVED | MODEL NO. |
| | | | TITLE: MODULE DIMENSION |
| AGENT | NG12832GN001CL | APPROVED | DRAWN BY: HCC DATE : 11 FEB 15 |
| | | | CHECKED BY : Jewson DATE : 12-2-15 |
| CUSTOMER REF. | | OUR REF. V9059 | APPROVED BY : DATE : 13/2/15 |