

<Color TFT-LCD Module >

# AA104XG12

10.4 inch XGA  
FOR INDUSTRIAL USE

AA104XG12



## FEATURES

- Slim Design (D=9.5mm)
- High Contrast Ratio 1000:1
- Super Wide Viewing Angle (-85~85° H,V)
- High Bright 900cd/m<sup>2</sup>
- LED Lifetime 100,000h (Typ.) \*1), \*2)
- Wide Operation Temperature Range (-30~80°C)
- Natural Color Matrix \*3)

\*1) LED life time is defined as the time when the brightness becomes 50% of the initial value.

\*2) The life time of the backlight depends on the ambient temperature. The life time will decrease under high temperature.

\*3) Natural Color Matrix brings more vivid color that is closer to original image.

## SPECIFICATION

| ITEM                           | SPECIFICATION                                 |
|--------------------------------|---|
| Display Area (mm)              | 210.4 (H) × 157.8 (V)<br>(10.4-inch diagonal) |
| Number of Dots                 | 1024 × 3 (H) × 768 (V)                        |
| Pixel Pitch (mm)               | 0.2055 (H) × 0.2055 (V)                       |
| Color Pixel Arrangement        | RGB vertical stripe                           |
| Display Mode                   | Normally black                                |
| Number of Color                | 262k(6 bit/color), 16.7M(8 bit/color)         |
| Luminance (cd/m <sup>2</sup> ) | 900   |
| Viewing Angle (CR ≥ 10)        | -85~85°(H), -85~85° (V)                       |
| Surface Treatment              | Anti-glare and hard-coating 3H                |
| Electrical Interface           | LVDS (6bit/8bit)                              |
| Module Size (mm)               | 230.0 (W) × 180.2 (H) × 9.5 (D)               |
| Module Mass (g)                | 450   |
| Backlight Unit                 | LED, edge-light                               |

Characteristic value without any note is typical value.

### **Keep safety first in your circuit designs!**

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