

<Color TFT-LCD Module >

# AA084SD01--T2

8.4 inch SVGA  
FOR INDUSTRIAL USE

AA084SD01--T2



## FEATURES

- Touch panel attached (4-wire analog resistive)
- LED driver implemented
- LED Lifetime 100,000h (Typ.) \*1), \*2)
- 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)               | 170.4 (H) × 127.8 (V)<br>(8.4-inch diagonal)                             |
| Number of Dots                  | 800 × 3 (H) × 600 (V)  |
| Pixel Pitch (mm)                | 0.213 (H) × 0.213 (V)  |
| Color Pixel Arrangement         | RGB vertical stripe  |
| Display Mode                    | Normally white   |
| Number of Color                 | 262k(6 bit/color), 16.7M(8 bit/color)                                    |
| Luminance (cd/m <sup>2</sup> )  | 480  |
| Viewing Angle (CR ≥ 10)         | -80~80° (H), -60~80° (V)   |
| Surface Treatment (Touch panel) | Anti-glare and hard-coating 3H   |
| Electrical Interface            | LVDS (6 bit/8 bit)   |
| Viewing Direction               | Higher Contrast ratio: 6 o'clock<br>Less gray scale reversal: 12 o'clock |
| Module Size (mm)                | 199.5 (W) × 149.0 (H) × 12.0 (D)   |
| Module Mass (g)                 | 470  |
| Backlight Unit                  | LED, edge-light  |
| Touch Panel                     | 4-wire analog resistive  |

Characteristic value without any note is typical value.

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

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