

<Color TFT-LCD Module >

AA104SL12-DE1

10.4 inch SVGA
FOR INDUSTRIAL USE

AA104SL12-DE1



FEATURES

- Touch panel attached (Projective capacitive)
- Touch panel controller implemented
- High Bright 960cd/m²
- 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) | | 211.2 (H) × 158.4 (V) (10.4-inch diagonal) |
| Number of Dots | | 800 × 3 (H) × 600 (V) |
| Pixel Pitch (mm) | | 0.264 (H) × 0.264 (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 ²) | | 960 |
| Viewing Angle (CR ≥ 10) | | -80~80°(H), -60~80°(V) |
| Cover glass | Cover Glass Surface | Clear |
| | Thickness (mm) | 1.8 |
| | Glass Type | Strengthened glass |
| | Hard-coating | 5H |
| Electrical Interface | | LVDS (6 bit/8 bit) |
| Viewing Direction | | Higher Contrast ratio: 6 o'clock Less gray scale reversal: 12 o'clock |
| Module Size (mm) | | 240.6 (W) × 190.8 (H) × 15.0 (D) |
| Module Mass (g) | | 760 |
| Backlight Unit | | LED, edge-light |
| Touch Panel | | Projective capacitive |
| Touch Panel Interface | | UART / USB *1) |

Characteristic value without any note is typical value.

*1) UART: Universal Asynchronous Receiver Transmitter

UART and USB are used exclusively.

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