

**<Color TFT-LCD Module>**
**AA090TB01**

 9.0 inch WXGA  
 FOR INDUSTRIAL USE

AA090TB01


**FEATURES**

- Super Wide Viewing Angle (-88~88° ; H, V)
- High Contrast Ratio 1000:1
- High Bright 800cd/m<sup>2</sup>
- LED driver implemented
- LED Lifetime 100,000h (Typ.) \*1)

\*1) LED life time is defined as the time when the brightness becomes 50% of the initial value.  
 The life time of the backlight depends on the ambient temperature. The life time will decrease under high temperature.

ITEM	SPECIFICATION
Display Area (mm)	195.84 (H) × 117.504 (V) (9.0-inch diagonal)
Number of Dots	1280 × 3 (H) × 768 (V)
Pixel Pitch (mm)	0.153 (H) × 0.153 (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> )	800
Viewing Angle (CR ≥ 10)	-88~88° (H), -88~88° (V)
Surface Treatment	Anti-glare and hard-coating 3H
Electrical Interface	LVDS (6 bit/8 bit)
Module Size (mm)	219.0 (W) × 136.2 (H) × 9.5 (D)
Module Mass (g)	330
Backlight Unit	LED, edge-light

Characteristic value without any note is typical value.

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