

**<Color TFT-LCD Module >**

# AA090AA01

**9.0 inch QHD  
FOR INDUSTRIAL USE**

AA090AA01


**FEATURES**

- Quarter HD Resolution 960x540
- Super Wide Viewing Angle (-85~85 H,V)
- High Color Saturation 72% compared to NTSC
- Fast Response Time 8 ms(Average of Gray to Gray)
- Motion Improvement Technology
  - “Feed Forward Driving” implemented
- High Contrast Ratio 1000:1
- LED driver implemented
- LED Lifetime 100,000h (Typ.) \*1), \*2)

\*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.

**SPECIFICATION**

ITEM	SPECIFICATION
Display Area (mm)	198.72 (H) × 111.78 (V) (9.0-inch diagonal)
Number of Dots	960 × 3 (H) × 540 (V)
Pixel Pitch (mm)	0.207 (H) × 0.207 (V)
Color Pixel Arrangement	RGB vertical stripe
Display Mode	Normally black
Number of Color	16.7M
Luminance (cd/m <sup>2</sup> )	400
Viewing Angle (CR ≥ 10)	-85~85°(H), -85~85°(V)
Surface Treatment	Anti-glare and hard-coating 3H
Electrical Interface	LVDS (8 bit)
Module Size (mm)	217.0 (W) × 130.0 (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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