

<Color TFT-LCD Module >

AA078AA01

**7.8 inch 800x300
FOR INDUSTRIAL USE**

AA078AA01



FEATURES

- Power Supply 12V
- High Contrast Ratio 1000:1
- Super Wide Viewing Angle (-85~85 H,V)
- High Color Saturation 72% compared to NTSC
- LED driver implemented
- LED Lifetime 100,000h (Typ.) *1), *2)
- Wide Operation Temperature Range (-30~80 °C)

*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)	184.8 (H) × 69.3 (V) (7.8-inch diagonal)
Number of Dots	800 × 3 (H) × 300 (V)
Pixel Pitch (mm)	0.231 (H) × 0.231 (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 ²)	500
Viewing Angle (CR ≥ 10)	-85~85° (H), -85~85° (V)
Surface Treatment	Anti-glare and hard-coating 3H
Electrical Interface	LVDS (6 bit/8 bit)
Module Size (mm)	207 (W) × 86 (H) × 10 (D)
Module Mass (g)	200
Backlight Unit	LED, edge-light

Characteristic value without any note is typical value.

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