

<Color TFT-LCD Module >

# AT070MJ01

7.0 inch WVGA  
FOR INDUSTRIAL USE

AT070MJ01



## FEATURES

- Vibration resistant structure (Shock level 6.8G)
- Wide Operation Temperature Range (-40~85°C)
- 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)	152.4 (H) × 91.44 (V) (7.0-inch diagonal)
Number of Dots	800 × 3 (H) × 480 (V)
Pixel Pitch (mm)	0.1905 (H) × 0.1905 (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> )	1000
Viewing Angle (CR ≥ 10)	-80~80°(H), -80~60°(V)
Surface Treatment	Anti-glare and hard-coating 3H
Electrical Interface	LVDS (6 bit/8 bit)
Viewing Direction	Higher Contrast ratio: 12 o'clock Less gray scale reversal: 6 o'clock
Module Size (mm)	169.8 (W) × 109.7 (H) × 8.9 (D)
Module Mass (g)	200
Backlight Unit	LED, edge-light

Characteristic value without any note is typical value.

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

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