

## 1. OVERVIEW

CLAA150XP07FQ is 15" color TFT-LCD (Thin Film Transistor Liquid Crystal Display) module composed of LCD panel, LVDS driver ICs, control circuit and backlight. By applying 8 bit digital data (6bit + FRC), 1024\*768, 16.2M-color images are displayed on the 15" diagonal screen. General specification are summarized in the following table:

ITEM	SPECIFICATION
Display Area (mm)	304.1(H) x 228.1(V) (15.0-inch diagonal)
Number of Pixels	1024 (H) x 768(V)
Pixel Pitch (mm)	0.297(H) x 0.297(V)
Color Pixel Arrangement	RGB vertical stripe
Display Mode	Normally white, TN
Number of Colors	16.2M (6bit + FRC)
Brightness (cd/m <sup>2</sup> )	450cd/m <sup>2</sup> (Typ.) (center, 6.5mA)
Viewing Angle	140 / 125 (Typ.)
Wide Viewing Angle Technology	Optical Compensation Film
Surface Treatment	Anti-glare
Response Time	8 ms (Typ.)
Color Saturation	65 %
Total Module Power (W)	16.64+ 1.8 (Typ.)
Optimum Viewing Angle	6 o'clock
Module Size (mm)	326.5(W) x 253.5(H) x 14.0(D) (Typ.)
Module Weight (g)	1300 (Typ.)
Backlight Unit	CCFL, 4 tables, edge-light (top/ bottom)

The LCD Products listed on this document are not suitable for use of aerospace equipment, submarine cables, and nuclear reactor control system and life support systems. If customers intend to use these LCD products for above application or not listed in "Standard" as follows, please contact our sales people in advance.

Standard: Computer, Office equipment, Communication equipment, Test and Measurement equipment, Machine tool, Industrial robot, Audio & Visual equipment, and other consumer products.