

IAXG01



Highlight

Features

- 30.7cm (12.1 inch) diagonal
- Native 262K colors (RGB 6-bit data driver)
- XGA 1024x768 pixels
- Low Reflection (Black Matrix)
- Using Post Spacer
- 261.0mm x 198.0mm x 5.0mm typ.
- Super Light Weight as 290g
- High Performance of Brightness vs. Power Consumption

Applications

- Notebook style PCs
- Internet Appliances
- KIOSK applications

IAXG01 is a 30.7cm (12.1 inch) color TFT LCD module to be designed to realize the slim and light notebook style PC. The characteristics of this module are light weight, slim/thin outline, low power consumption and high resolution of XGA (1024x768) capability in compact screen. Support color is native 262K colors (RGB 6-bit data driver). All input signals are LVDS (Low Voltage Differential Signaling) interface compatible. Displaying beautiful pictures using Post Spacer*.

* Post Spacer is a new technology which keeps a gap between Color filter and TFT array using organic column instead of conventional spacer balls.

Specifications

Screen Diagonal(mm)	307
Pixels H X V	1024(X3) X 768
Active Area(mm)	245.76(H) x 184.32 (V)
Pixel Pitch(mm)	0.240(per one triad) X 0.240
Pixel Arrangement	R,G,B Vertical Stripe
Weight(grams)	290Typ.
Physical Size(mm)	261.0(W) X 198.0(H) X 5.0(D)Typ.
Display Mode	Normally White
Support Color	Native 262K colors(RGB 6-bit data driver)
White Luminance(cd/m2) Design Point 1:(ICF=3.5mA) Design Point 2:(ICF=6.5mA)	95Typ(center) 90Typ(5 points average) 160Typ(center) 150Typ(5 points average)
Contrast Ratio	250:1Typ.
Optical Rise Time/Fall Time(msec)	30Typ.,50MAX.
Nominal Input Voltage VDD(Volt)	+3.3Typ.
Power Consumption(Watt) (VDD Line) (VCFL Line)	1.3Typ. 3.54Typ.
Electrical Interface	4pairs,single LVDS
Temperature Range(degree C) Operating Storage(Shipping)	0 to +50 -20 to +60



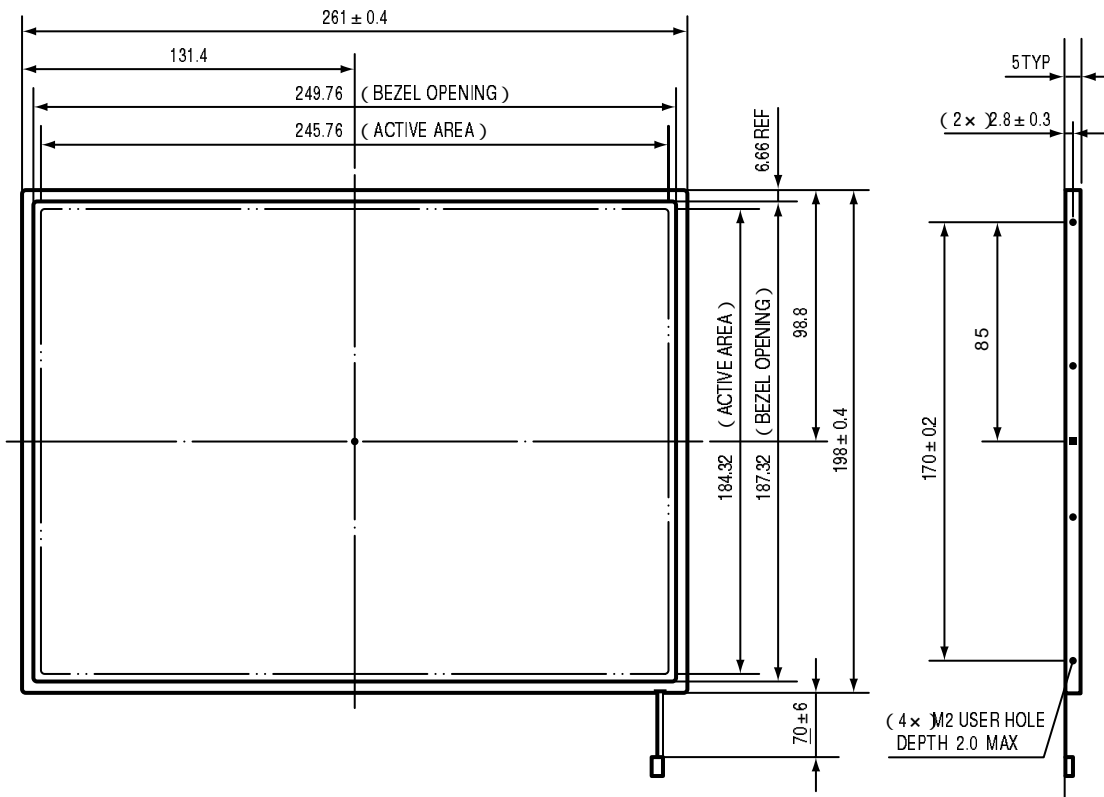
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