

ITSX68

*35.7cm(14.1 inch)SXGA +(1400 × 1050)
Color TFT LCD Module*



Highlight:

Features

SXGA+1400 × 1050 pixels(1.47M pixels)
150cd/m² Typ. Brightness
Native 262K colors(RGB 6-bit data driver)
299.0mm × 226.5mm × 5.8mm Typ.
Using the Post Spacer
4:3 Aspect Ratio
1.87 times as many pixels as XGA(1024 × 768)

Applications

Notebook PCs
KIOSK Application
Measuring Instrument

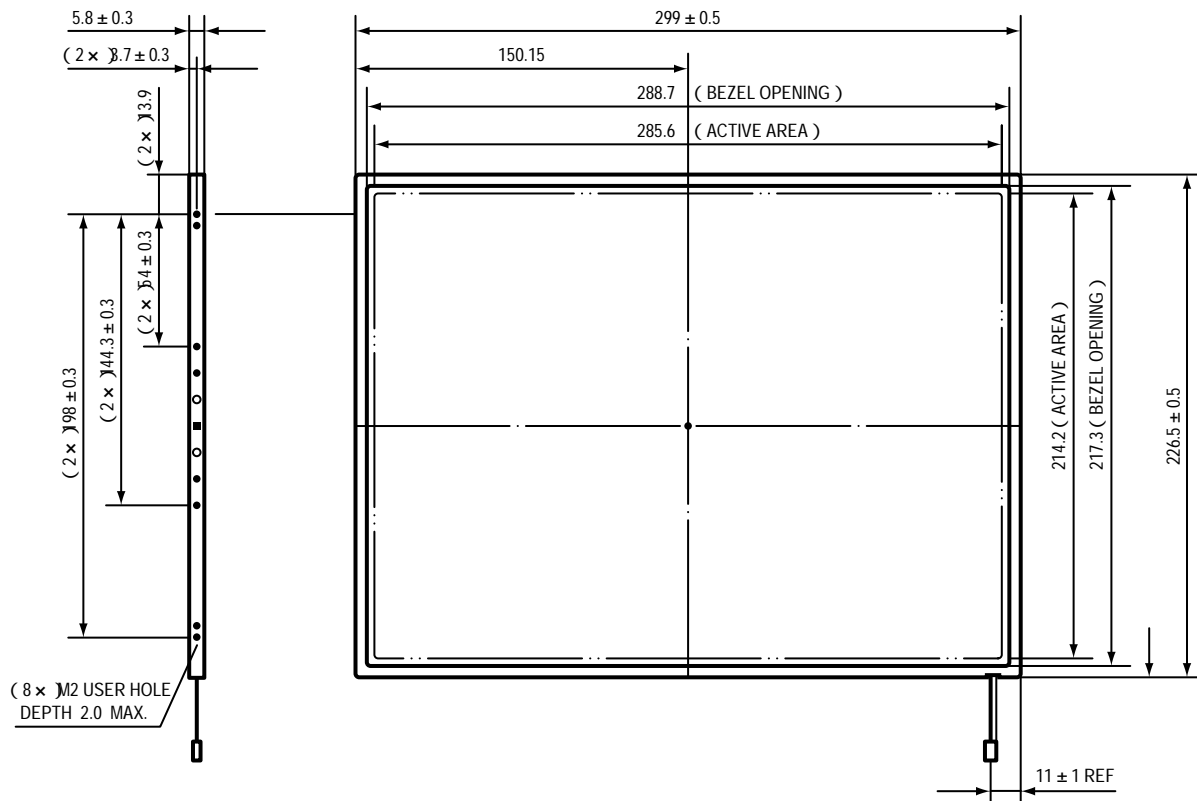
ITSX68 is a 35.7cm(14.1 inch) color TFT LCD module, and designed for a notebook style personal computer. The screen format and electrical interface are intended to support SXGA+(1400 × 1050) screen. Support color is native 262K colors(RGB 6-bit data driver) All input signals are LVDS(Low Voltage Differential Signaling) interface compatible. Displaying beautiful pictures using the Post Spacer*.

*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.

For more information about this product, please contact:
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Specifications

Screen Diagonal(mm)	357(14.1 inch)
Active Area(mm)	285.6(H) × 214.2(V)
Pixel H × V(pixels)	1400(× 3) × 1050
Pixel Pitch(mm)	0.0680(per one triad) × 0.2040
Pixel Arrangement	R.G.B. Vertical Stripe
Display Mode	Normally White
White Luminance(cd/m ²)	Center ~ 5 point average
Design Point 1 :(ICFL=3.5mA)	90 Typ. ~ 85 Typ.
Design Point 2 :(ICFL=6.5mA)	150 Typ. ~ 140 Typ.
Contrast Ratio	200 : 1 Typ.
Optical Rise Time/Fall Time(msec)	30 Typ. , 50 Max.
Nominal Input Voltage(volt) VDD)	+3.3(+3.0 to +3.6)
Power Consumption(watt) VDD line)	2.1 Typ.(TBD) , 2.6 Max.(TBD)
Lamp Power Consumption(watt)	(w/o inverter loss)
Design Point 1 :(ICFL=3.5mA)	2.5 Typ.(TBD)
Design Point 2 :(ICFL=6.5mA)	4.1 Typ.(TBD)
Weight(grams)	510 Typ.
Physical Size : W × H × D(mm)	299.0 × 226.5 × 5.8 Typ.
Electrical Interface	8 pairs LVDS(Even/Odd R/G/B Data(6bit) , 3sync signals, Clock)
Support Color	Native 262K colors(RGB 6-bit data driver)
Temperature Range()	
Operating	0 to +50
Storage(Shipping)	-20 to +60



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