



SmarterGlass

state-of-the-art display solutions

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Features

- a-Si Gate-Less
- RAM-Less
- Wide Viewing Angle
- Thin LCD module
- RoHS Compatible



Important

Specifications above are subject to change without notice.

Rev. c. 0.6(2010/07/16)

Outline Dimension

General Spec

Model Name	32WVF0H
Number of Pixel	480(RGB) x 800 RGB Vertical Stripe
Display Mode	a-Si TFT (FFS) , Transmissive , Normally Black
Number of Color	16.2M colors
Active Area	41.76 (W) x 69.6 (H) mm (3.2")
Dot Pitch	0.087 (W) x 0.087 (H) mm (292dpi)
Module Size	47.3(W) x 80.0(H) x 2.0(T)mm (without FPC)
Weight	(15.3) Typ.
Interface	RGB (24bit)+SPI
Backlight	6pcs White LED (IL=20mA) Serial
Polarizer Surface	Clear Hard coat
Operating Temp.	-20 °C ~ 70 °C
Storage Temp.	-30 °C ~ 80 °C

Optical & Electrical Spec

Contrast Ratio	800:1 Typ.
Luminance	350cd/m2 Typ. (IL=20mA)
NTSC Ratio	(70%) Typ.
Viewing Angle (U/D/R/L)	(80/80/80/80) (@CR ≥ 10)
Response Time	(35)ms Typ. (@25°C)
Driver IC	LG4573
Input Voltage	VDD (IO): 1.7-1.9V, VCI (Analog): 2.7-2.9V
Power Consumption	(98)mW Typ. (LCD), (420)mW Typ. (Backlight) Condition: VDD=1.8V, VCI=2.8V All White Pattern

