

CV084SV01

8.4" SVGA TFT LCD

High Bright LED edge lit

Features:

- High bright LED Edge Light
 - 1200 Nits
- Optically Bonded
- Low Power
- Thin Mechanical Package
- Single Channel LVDS Interface
- Wide Temperature Range
- 6 bit color / 256 K or 8 bit color 16.7 M colors
- Wide Viewing Angle



CV084SV01 is a color active matrix TFT LCD module using amorphous silicon TFT (thin film transistors) as the active switching devices. This module has an 8.4 inch diagonally measured active area with SVGA resolution (800 horizontal and 600 vertical pixel array). The display is equipped with high bright LED edge-lighting, capable of full day light readability at 1200 nits. LED edge lighting ensures high brightness, wide dimming ratios and a very low temperature operation. The display also features optical bonding for very low reflection and a rugged design. Standard bonding comes with 3mm AR coated glass. Other configurations include non-bonded, AR film, bonded touch, 6 mm glass, heat or chemical strengthening and EMI filters.

Specifications:

Screen Type (diagonal)	8.4"	Response Time Tr/Tf (ms)	10 / 25
Voltage (V)	3.3	LED Current & Voltage (mA/V)	250 x 2 / 9
Display Resolution W*H (dot)	800 x 600	B/L Power Consumption (W)	4.5
Dot Pitch W*H (mm)	0.213 x 0.213	High/Low Temp. storage (C)	85 / -30
Viewing Angle (U/D/L/R)	75 / 75 / 75 / 75	High/Low Temp. operation (C)	85 / -30
Luminance Uniformity (%)	85%	Interface	Single channel LVDS
Brightness (nits)	1200	Weight (g)	360
Dimensions W*H*D (mm)	203.0 x 142.5 x 12.5	RoHS	Yes
Contrast Ratio	600 : 1	LED Driver Model No.	CV084D01
Standard Optical Bond	3 mm AR coated	Lighting Type	LED edge lit x 2

